



REPUBLIC OF KENYA

MURANG'A COUNTY

FIRST COUNTY INTEGRATED DEVELOPMENT PLAN

2013-2017

KENYA 
VISION **2030**
Towards a Globally Competitive and Prosperous Nation

May 2014

County Vision and Mission

Vision

To be the leading county in socio-economic transformation

Mission

To transform the county through participative, equitable and sustainable development initiatives for the benefit of all

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Abbreviations and Acronyms

ACU	Aids Control Unit
ADB	African Development Bank
AI	Artificial Insemination
AIDS	Acquired Immune Deficiency Syndrome
AIE	Authority to Incur Expenditure
ANC	Ante- Natal Care
AP	Administration Police
APHIA II	AIDS, Population & Health Integrated Assistance II
ARD	Agriculture & Rural Development
ART	Anti- Retroviral Treatment
ASAL	Arid & Semi- Arid Lands
ASL	Above Sea Level
AWS	Athi Water Services
BCC	Behaviour Change Communication
BOG	Board of Governors
BPO	Business Processes Outsourcing/ Off- showing
CACC	Constituency Aids Control Committee
CAN	Calcium Ammonium Nitrogen
CBO	Community Based Organisation
CCC	Comprehensive Care Centre
CCSP	Community Capacity Support Programme
CCT	County Coordinating Team
CDC	Constituency Development Committee
CDF	Constituency Development Fund
CDP	County Development Profile/ Plan
CEC	County Executive Committee
CFAs	Community Forest Associations
CHMT	County Health Management Team
CHW	Community Health Worker
CIDC	Constituency Industrial Development Centre
CIDP	County Integrated Development Plan
CIGs	Common Interest Groups
CIP	Community Implementation Plan
CLRC	Community Learning Resource Centre
CMEC	County monitoring and evaluation committee
CMR	Child Mortality Rate
CMT	County Management Team
CO ₂	Carbon Dioxide
CPR	Contraceptive Prevalence Rate
CTC	County Technical Committee
DDO	District Development Officer
DHIS2	District Health Information System 2
DIDC	District Information Development Centre

DO	District Officer
DOTS	Directly Observed Treatment Short Course
DPU	District Planning Unit
DRR	Disaster Risk Reduction
ECD	Early Child Development
ECLOF	Ecumenical Loan Fund
EIA	Environmental Impact Assessment
EII	Energy, Infrastructure & ICT
EMCA	Environmental Management & Coordination Act
EPWH	Environment Protection, Water & Housing
ESP	Economic Stimulus Programme
FANC	Focused Anti Natal Care
FBO	Faith-Based Organisation
FIF	Facility Improvement Funds
FM	Frequency Modulation
FP	Family Planning
GDI	Gender Development Index
GDP	Gross Domestic Product
GECLA	General Economic, Commercial & Labour Affairs
GHGs	Green House Gases
GIZ	German International Development Agency
GJLOS	Governance, Justice Law & Order Sector
GOF	Government of Finland
GOK	Government of Kenya
HDI	Human Development Index
HEI	HIV Exposed Infant
HG	High Grade Houses
HH	Household
HIV	Human Immunodeficiency Virus
HMT	Health Management Team
HPI	Human Poverty Index
HQS	Headquarters
ICT	Information Communication Technology
IDPs	Internally Displaced Persons
IEBC	Independent Electoral & Boundaries Commission
IEC	Information Education Communication
IMIS	Integrated Management Information Systems
IMR	Infant Mortality Rate
ITNs	Insecticide Treated Mosquito Nets
KCB	Kenya Commercial Bank
KEBS	Kenya Bureau of Standards
KEFRI	Kenya Forest Research Institute
KEMSA	Kenya Medical Supplies Agency
KENAS	Kenya National Accreditation Services
KENHA	Kenya National Highway Authority
KeRRA	Kenya Rural Roads Authorities
KFS	Kenya Forest Services

KIE	Kenya Industrial Estate
KIRD	Kenya Institute of Research & Development
KNASP 4	Kenya National AIDS Strategic Plan 4
KNBS	Kenya National Bureau of Statistics
KPC	Kenya Power Company
KTB	Kenya Tourist Board
KURA	Kenya Urban Roads Authority
KWFT	Kenya Women Trust Fund
KWS	Kenya Wildlife Services
LATF	Local Authority Transfer Fund
LG	Low Grade houses
LPG	Liquefied Petroleum Gas
LSK	Law Society of Kenya
MCH	Mother & Child Health
MDGs	Millennium Development Goals
MG	Middle Grade houses
MGCSS	Ministry of Gender, Culture & Social Services
MMR	Maternal Mortality Rate
MNH	Maternal Neonatal Health
MOE	Ministry of Education
MOHEST	Ministry of Higher Education, Science & Technology
MOLD	Ministry of Livestock Development
MOLD	Ministry of Livestock Developments
MOMS	Ministry of Medical Services
MOPHS	Ministry of Public Health & Sanitation
MOPW	Ministry of Public Works
MOR	Ministry of Roads
MOTI	Ministry of Trade & Industry
MOU	Memorandum Of Understanding
MOWI	Ministry of Water & Irrigation
MOYA	Ministry of Youth Affairs
MSMEs	Micro- Small & Medium Enterprise
MSPND & V2030	Ministry of Planning and National Development
MTEF	Medium Term Expenditure Framework
MTP	Medium Term Plan
MTP II	Medium Term Plan II
NAAIP	National Accelerated Agricultural Inputs Access Programme
NACC	National Aids Control Council
NCDs	Non Communicable Diseases
NCPD	National Cereals & Produce Board
NEMA	National Environment Management Authority
NGOs	Non Governmental Organizations
NHIF	National Health Information Fund
NIMES	National Integrated Monitoring & Evaluation System
NMK	Njaa Marufuku Kenya
NNMR	Neo Natal Mortality Rate
NSEC	National Socio-Economic Council

ODP	Ozone Depleted Products
OIML	International Organisation for Legal Metrology (French)
OOP	Office of the President
OPD	Out Patient Department
OVCs	Orphans & vulnerable Children
PAIR	Public Administration & international Relations
PC	Project Committee
PDP	Provincial Director of Planning
PLWHAs	People Living With HIV/AIDS
PM&E	Participatory Monitoring and Evaluation
PMC	Project Management Committee
PMTCT	Prevention of Mother to Child Transmission
PNMR	Post Natal Mortality Rate
PPP	Purchasing Power Parity
PPPs	Public Private Partnerships
PSDA	Private Sector Development In agriculture
PTA	Parents Teachers Association
RPD	Rural Planning Directorate
SBA	Skilled Birth Attendance
SCCU	Sub- County coordinating Unit
SCCU	Sub- County Coordinating Unit
SCEC	Sub- County Environment Committee
SHEP UP	Small Holder, Horticulture Empowerment Promotion Unit Project
SMASSE	Strengthening Mathematics and Science in Secondary Education
SMEP DTM	Small and Micro Enterprises Programme Deposit Taking Microfinance
SMEs	Small & Medium Enterprise
SP	Sector Programme
SPCR	Social Protection, Culture & Recreation
Spp	Species
SWOT	Strengths, Weaknesses, Opportunities and Threats Analysis
TB	Tuberculosis
TBA	Traditional Birth Attendant
TOWA	Total War Against Aids
U5MR	Under Five Mortality Rate
UNDP	United Nations Development Programme
VCT	Voluntary Counselling & Testing
VIP	Ventilated Improved Pit (Latrine)
WARMA	Water Resource Management Authority
WEDF	Women Enterprise Development Fund
WRUA	Water Resource Users Association
YARD	Youth Action for Rural Development
YDI	Youth Development Index
YEC	Youth Empowerment Centre
YEDF	Youth Enterprise Development Fund
YP	Youth Polytechnics

Foreword

The Constitution of Kenya 2010 provides for two distinct and interdependent levels of government – the national and the county governments. The Constitution article 220(2) makes it mandatory for every County to prepare Development Plans. The County Governments Act, 2012 states that each county shall prepare a County Integrated Development Plan (CIDP) which shall be the basis for all budgeting and spending of public funds. In addition, every county government is expected to plan for the county and no public funds shall be appropriated outside a planning framework developed by the county executive committee and approved by the county assembly. The county integrated plan focuses on economic, physical, social, environmental and spatial planning.

According to the Public Finance Management Act, 2012 the budget process for county governments in any financial year shall begin with an integrated development planning process which shall include both long term and medium term planning which will in turn inform the county budget estimates and establish financial and economic priorities for the county over the short, medium and long term. The purpose of the CIDPs is to provide comprehensive guidelines in budgeting, project funding, monitoring and evaluation of all the projects for the next five years.

The first CIDP for Murang'a County is a historical milestone. Apart from providing comprehensive guidelines in project identification, implementation and evaluation, it also facilitates proper coordination with the national government and other stakeholders in order to improve the well-being of the county citizens. In addition, the integrated development planning framework formulated will enhance linkage between policy, planning and budgeting.

The projects and programmes in this CIDP were identified through various consultative forums at the county level as provided for in the County Governments Act 2012. This was done through public participation forums which included electronic media sessions through local radio programmes, MTP II consultations as well as those on the county Medium Term Expenditure Framework. At the beginning of every financial year, annual work plans will be drawn to outline projects to be undertaken during that year.

It is my expectation that increased participation by a wide cross section of the people during identification, planning, implementation and monitoring and evaluation of projects and programmes will empower the people of Murang'a to their realize social, political and economic development.

H.E. Mwangi Wa Iria

Governor, Murang'a County

Acknowledgement

The realization of the first Murang'a County Integrated Development Plan was made possible by through the involvement and support of many individuals and organizations. We would like to appreciate the role played by these individuals and institutions. I would like to greatly appreciate our governor, H.E. Mwangi Wa Iria for his financial and moral support for the process.

We are also grateful to the members of the County Executive Committee, Heads and staff of various county and national governments departments, community groups and the private sector for providing information and ideas on programmes and projects in various sectors. We also appreciate the Kenya School of Government consultants, Mr. Samuel Macharia and Mr. Alex Mirara for their technical advice and guidance on the process.

Finally, we would also like to thank the Speaker of the County Assembly, the Clerk and entire Members of the County Assembly for actively participating in forums which enriched the document significantly. Without their support this document could not have been made a reality. God bless you all.

George Kamau

CEC, Finance and Economic Planning

Executive Summary

Murang'a County is one of the created under the Kenya Constitution 2010. It is one of the five counties in Central region of the Republic of Kenya and occupies a total area of 2,558.8Km². It is bordered to the North by Nyeri, to the South by Kiambu, to the West by Nyandarua and to the East by Kirinyaga, Embu and Machakos counties. It lies between latitudes 0° 34' South and 1°7' South and Longitudes 36° East and 37° 27' East. The county lies between 914m above sea level (ASL) in the East and 3,353m above sea level (ASL) along the slopes of the Aberdare Mountains in the West.

The 2009 Population and Housing Census recorded a population of 936,228 persons for Murang'a County consisting of 451,751 males and 484,477 females and a growth rate of 0.4 per cent per annum. This population is projected to rise to 947,530 in 2012; 958,969 in 2015 and 966,672 persons in 2017. In 2013, Murang'a County had 2,934.95 Km of road. Of these, 387.5 Km are bituminized, 1313.1 Km are gravelled and 1234.3 Km is earth surface. The county has 65Km of railway line which is underutilised.

The major cash crops in the County include tea, coffee, avocado, mangoes, macadamia and horticulture crops, among others. Horticultural crops include tomatoes, cabbages, kales, spinach and French beans while food crops include maize, beans, bananas, sweet potatoes and cassava. Concerning education, the county has 989 pre-schools, 616 primary schools, 263 secondary schools, 48 youth polytechnics, one technical institute two colleges (Murang'a Teachers Training College and Kenya Medical Training College) and one University (Murang'a University). On health issues, Murang'a County has 272 health facilities serving a population of 959,701. It has three level five hospitals, three mission/private hospitals and three nursing homes. There are 21 health centres (public and private), 114 dispensaries (89 public and 25 mission/NGO) and 137 private clinics.

The process of identifying the projects and programmes to be undertaken over the next five years involved the entire county and its citizens in order to find the best solutions to achieve participative, equitable and sustainable long-term development. It aims to co-ordinate the work of local and other spheres of government in a coherent plan to improve the quality of life for all the people living in the County. Through this process the efforts at national and devolved levels of government and other relevant public institutions are coordinated at local level with due consideration to the economic, social, environmental, legal and spatial aspects of development for the benefit of local communities. In addition, the plan aims to protect the right to self-fulfilment within the county communities and with responsibility to future generations.

In developing the CIDP, references were made to the provisions of the County Government Act, 2012; Transition to Devolved Government Act (2012); Urban Areas and Cities Act, 2011; and the Public Finance Management Act (PFMA), 2012. The first chapter describes the general information about the county. Chapter two describes the County socio-economic development challenges and strategies while chapter three gives spatial framework within which development projects and programmes will be implemented. Chapter four describes the CIDP linkages with other county plans, and chapter five provides the institutional frame work for implementing the projects. Chapter six provides the resource mobilization framework while the county development programmes and projects priorities are given in chapter eight. The last chapter outline how programmes and projects will be monitored and evaluated in compliance with Section 108(1)(c) of the County Government Act.

CHAPTER ONE:

1 County General Information

1.0 Introduction

This chapter contains the location and size of the county as well as physiographic and natural condition, physical and topographic features, ecological and climatic conditions. It also highlights administrative and political units as well as demographic features in the county. Further, the chapter describes human development indicators at the county and gives analysis on infrastructure, land and land use, non-state actors, crops, livestock and fish production. It also gives highlights on environment and climate change interventions, mining, tourism, industrial development as well as education and literacy levels in the county.

1.1. Location and Size

Murang'a County is one of the five counties in Central region of the Republic of Kenya. It is bordered to the North by Nyeri, to the South by Kiambu, to the West by Nyandarua and to the East by Kirinyaga, Embu and Machakos counties. It lies between latitudes $0^{\circ} 34'$ South and $1^{\circ} 7'$ South and Longitudes 36° East and $37^{\circ} 27'$ East. The county occupies a total area of 2,558.8Km².

Figure 1: Location of Murang'a County in Kenya



Source: County Development Planning Office, Murang'a- 2013

1.2. Physiographic and Natural Conditions

1.2.1 Physical and Topographic Features

The county lies between 914m above sea level (ASL) in the East and 3,353m above sea level (ASL) along the slopes of the Aberdare Mountains in the West. The highest areas in the west have deeply dissected topography and are drained by several rivers. All the rivers flow from the Aberdare ranges to the West, South Eastward to join Tana River.

The geology of the County consists of volcanic rocks of the Pleistocene age and basement system rock of Achaean type. Volcanic rocks occupy the western part of the county bordering the Aberdare's while rocks of the basement system are in the eastern part. Porous beds and disconformities within the volcanic rock system form important aquifers, collecting and moving ground water, thus regulating water supply from wells and boreholes.

The topography and geology of the county is both an asset and liability to the county's development. The highest areas form the rain catchment areas from where most of rivers draining the county originate. The terrain is dissected creating the menace of landslides and gully erosion. The numerous streams and valleys necessitate the construction of numerous bridges to connect one ridge to the other; construction and maintenance of roads are therefore made difficult and expensive. Soils emanating from the volcanic activity are generally fertile and important for agriculture. The slopes in the rich volcanic soils on the higher altitudes are particularly suitable for tea growing.

1.2.2. Ecological Conditions

The county is divided into six agro ecological zones. The agro ecological zone one consists of the highest potential zones where forestry, tea and tourism industry form the most important economic activities. Agro-ecological zones two and three are the lowlands east of Aberdares and are generally suitable for both coffee and dairy farming. The flatter area of Makuyu division of Maragwa constituency is characterized by arid and semi-arid conditions. This forms the agro ecological zones 4, 5, and 6. In these zones coffee and pineapple plantations thrive by irrigation.

1.2.3. Climatic Conditions

The County is divided into three climatic regions: The western region with an equatorial type of climate, the central region with a sub-tropical climate and the eastern part with semi-arid conditions.

The long rains fall in the months of March, April and May. The highest amount of rainfall is recorded in the month of April, and reliability of rainfall during this month is very high. The short rains are received during the months of October and November. The western region, Kangema, Gatanga, and higher parts of Kigumo and Kandara, is generally wet and humid due to the influence of the Aberdares and Mt. Kenya. The eastern region, lower parts of Kigumo, Kandara, Kiharu and Maragwa constituencies receive less rain and crop production requires irrigation.

1.3. Administrative and Political Units

1.3.1 Administrative Subdivisions (Sub-county, Divisions and Locations)

Administratively, the county is divided into seven constituencies, namely, Kiharu with a total area of 409.8 square kilometres, Kangema with a total area of 173.6 square kilometres, Mathioya with a total area of 351.3 square kilometres, Gatanga with a total area of 599.0 square kilometres, Kigumo with a total area of 242.1 square kilometres, Kandara with a total area of 235.9 square kilometres and Maragwa with a total area of 466.7 square kilometre.

Table 1 shows the area and administrative units of the Murang'a County by constituency.

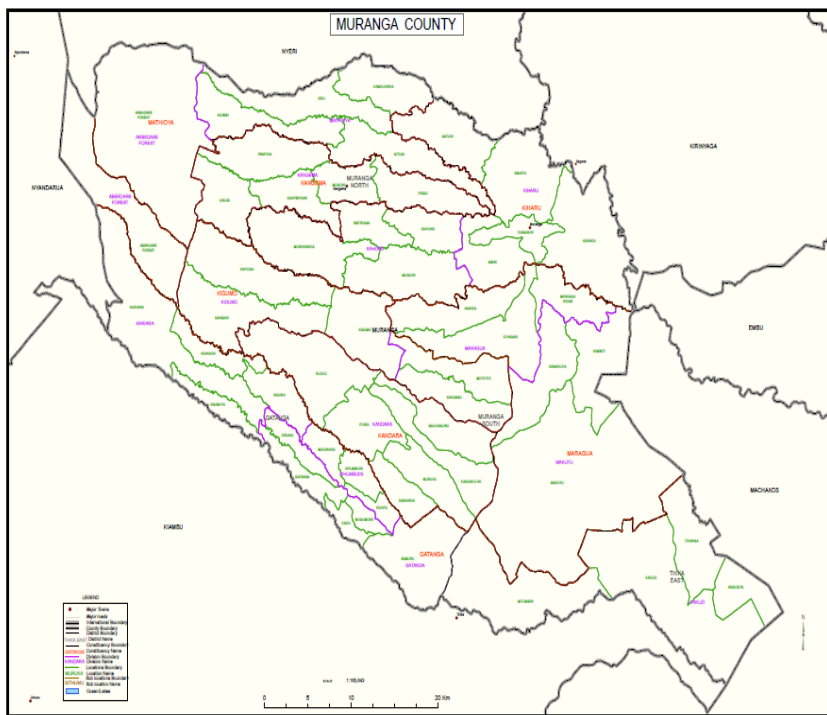
Table 1: Area and Administrative Units of the County by Constituency

Constituency	Land Area(Km ²)	No. of Sub-Counties	No of Divisions	No. of Locations
Kiharu	409.8	2	7	19
Kangema	173.6	1	2	10
Gatanga	599.0	2	7	19
Mathioya	351.3	1	4	12
Kigumo	242.1	1	3	11
Kandara	235.9	1	3	9
Maragwa	547.2	1	3	11
Total	2,558.9	9	29	85

Source: County Development Planning Office, Murang'a (2012)

The County has seven constituencies namely Kiharu, Kangema Gatanga, Mathioya, Kigumo, Kandara and Maragwa. Kiharu Constituency covers Kiharu and Kahuro sub counties while Mathioya covers Mathioya Sub County, Kangema covers Kangema Sub County, Gatanga constituency covers Gatanga Sub County and part of Thika East Sub county, Kigumo covers Kigumo sub county, Kandara covers Kandara sub county and Maragwa covers Murang'a South sub county.

Figure 2 : Map of Murang'a County



Source: Kenya National Bureau of Statistics- 2013

1.3.2 Political Units (Constituencies/ Electoral Wards)

The table 2 shows constituencies and electoral wards in Murang'a County.

Table 2: County Electoral Wards by Constituency

Constituency	Number of County Electoral Wards
Kiharu	6
Kangema	3
Gatanga	6
Mathioya	3
Kigumo	5
Kandara	6
Maragwa	6
Total	35

Source: County Development Planning Office, Murang'a2013

The county has seven constituencies and 35 electoral wards. Kiharu, Gatanga, Kandara and Maragwa constituencies have the highest number of electoral wards with six wards each. They are followed by Kigumo with five wards. Mathioya and Kangema constituencies have the least number of electoral wards with three each.

1.4. Demographic Features

1.4.1 Population Size and Composition

The 2009 Population and Housing Census recorded a population of 936,228 persons for Murang'a County consisting of 451,751 males and 484,477 females and a growth rate of 0.4 percent per annum. This population is projected to rise to 947,530 in 2012; 958,969 in 2015 and 966,672 persons in 2017. However it should be noted that this figures do not include the population by age cohorts for four locations (Kakuzi, Ithanga, Mitumbiri and Ngelelya) which are administratively in Kiambu County as per census report of 2009. The male: female sex ratio for the county is 48:52. The higher female population in relation to male is attributed to high male emigration to other counties and towns in search of employment and business opportunities.

Table 3 below shows population projections by gender and age cohort for the county.

Table 3: Population Projection by Age Cohorts

Age Cohort	2009 (Census)			2012 (Projections)			2015 (Projections)			2017 (Projections)		
	M	F	T	M	F	T	M	F	T	M	F	T
0-4	57,758	56,251	114,009	58,455	56,930	115,385	59,161	57,617	116,778	59,636	58,080	117,716
5-9	60,903	59,271	120,174	61,638	59,987	121,625	62,382	60,711	123,093	62,883	61,198	124,082
10-14	49,520	58,162	107,682	50,118	58,864	108,982	50,723	59,575	110,298	51,130	60,053	111,184
15-19	49,964	45,324	95,288	50,567	45,871	96,438	51,178	46,425	97,603	51,589	46,798	98,387
20-24	39,934	37,888	77,822	40,416	38,345	78,761	40,904	38,808	79,712	41,233	39,120	80,353
25-29	31,622	36,550	68,172	32,004	36,991	68,995	32,390	37,438	69,828	32,650	37,739	70,389
30-34	28,932	32,310	61,242	29,281	32,700	61,981	29,635	33,095	62,730	29,873	33,361	63,233
35-39	25,942	28,755	54,697	26,255	29,102	55,357	26,572	29,453	56,026	26,786	29,690	56,476
40-44	20,525	23,835	44,360	20,773	24,123	44,896	21,024	24,414	45,438	21,192	24,610	45,802

Age Cohort	2009 (Census)			2012 (Projections)			2015 (Projections)			2017 (Projections)		
	M	F	T	M	F	T	M	F	T	M	F	T
45-49	19,241	23,156	42,397	19,473	23,436	42,909	19,708	23,718	43,427	19,867	23,909	43,776
50-54	14,347	17,083	31,430	14,520	17,289	31,809	14,695	17,498	32,193	14,814	17,638	32,452
55-59	13,170	15,057	28,227	13,329	15,239	28,568	13,490	15,423	28,913	13,598	15,547	29,145
60-64	12,691	13,432	26,123	12,844	13,594	26,438	12,999	13,758	26,758	13,104	13,869	26,972
65-69	8,769	11,039	19,808	8,875	11,172	20,047	8,982	11,307	20,289	9,054	11,398	20,452
70-74	6,853	8,602	15,455	6,936	8,706	15,642	7,019	8,811	15,830	7,076	8,882	15,958
75-79	4,707	6,069	10,776	4,764	6,142	10,906	4,821	6,216	11,038	4,860	6,266	11,126
80+	6,873	11,693	18,566	6,956	11,834	18,790	7,040	11,977	19,017	7,096	12,073	19,170
Total	451,751	484,477	936,228	457,205	490,326	947,530	462,724	496,245	958,969	466,441	500,231	966,672

Source: County Development Planning Office-Murang'a County (2012)

From Table 3 above male population is more than female population for age groups 0 - 9 years and 15 – 24 years. However in all other age cohorts, females are more than males. This trend can be attributed to emigration of males to neighbouring urban areas in search of economic opportunities.

Table 4 below shows the population projections for special age groups in Murang'a County for the period 2012 to 2017.

Table 4: Population Projections for Selected Age Groups

Age Groups	2009 (Census)			2012 (Projection)			2015 (Projection)			2017 (Projection)		
	M	F	T	M	F	T	M	F	T	M	F	T
Under1	21,918	21,524	43,442	22,183	21,784	43,966	22,450	22,047	44,497	22,631	22,224	44,855
Under 5	70,351	68,573	138,924	71,200	69,401	140,601	72,060	70,239	142,299	72,639	70,803	143,441
Primary School Age 6-	96,441	94,706	191,147	97,605	95,849	193,455	98,784	97,006	195,790	99,577	97,786	197,363

13												
Secondary School Age 14-17	42,813	42,091	84,904	43,330	42,599	85,929	43,853	43,113	86,966	44,205	43,460	87,665
Youth Population 15-29	117,557	119,762	237,319	118,976	121,208	240,184	120,412	122,671	243,084	121,380	123,656	245,036
Reproductive Age – female 15-49	-	228,022	228,022	-	230,775	230,775	-	233,561	233,561	-	235,437	235,437
15-64(Labour Force)	247,791	273,594	521,385	250,782	276,897	527,679	253,810	280,240	534,050	255,849	282,491	538,339
65+	27,002	35,997	62,999	27,328	36,432	63,760	27,658	36,871	64,529	27,880	37,168	65,048

Source: County Development Planning Office-Murang'a County (2012)

Below is an analysis of the special age groups population as depicted in Table 4 above.

Under 1 Year (infants): This age group had 43,966 persons in 2012 constituting a 4.6 percent of the total population. It is estimated to rise to 44,855 persons in 2017. There are more male infants than females indicating a different pattern in the male: female ratio compared to the total population. This may also affect the focus areas in planning for resources to support this age group. These include provision of post natal care services including immunisation programmes and pre-school facilities and services.

The Under Five Years: This age group which includes the pre-school going children was estimated to be 140,601 persons in 2012 and are projected to rise to 143,441 persons in 2017. It is important to note that the male population is also more than the female in this age group. This population will require more investment in pre-school education such as expansion of pre-school facilities and employment of ECD teachers. Also the health demand is expected to increase since the children under five years require more of health care services than the other groups.

Age group 6-13 years (Primary): The primary school going age was 193,455 persons in 2012, constituting a 20.3 percent of the total population. The figure was expected to rise to 197,363 persons in 2017. There are more girls than boys in this age group and therefore the demand for girls' schools is likely to increase.

Age Group 14-17 years (Secondary): The secondary school going age was 85,929 persons in 2012, a 10.1 percent of the total population. They are estimated to be 87,665 persons in 2017. This increase of the secondary school going age population will necessitate investment in the existing and new secondary educational facilities and increasing the teaching staff.

Age group 15-29 years (Youthful): The youthful population in the county was 240,184 persons in 2012, constituting a 24.9 percent of the total population. This age group is estimated to have 245,036 persons in 2017. This implies that there is need to establish youth polytechnics to cater for the proportion that will not qualify for secondary and tertiary education. There will be also need to create employment and other income generating opportunities for this age group.

Age group 15-49 years (Female reproductive age): This age group represents the productive/child bearing age group and is instrumental in determining the total fertility rate and the population growth rate of the county. In 2012, there were 230,775 persons in this age group, constituting a 24.2 percent of the total population. It is estimated to have 235,437 persons in 2017. Measures should therefore be taken to provide adequate reproductive health services to meet the rising needs of the female reproductive age group.

Age group 15-64 years (labour force): This population accounted for 527,679 persons in 2012, comprising 55.3 percent of the total population. It is estimated to be 538,339 persons in 2017. The biggest challenge for this age group is to create adequate gainful employment opportunities to enable them contribute meaningfully to economic and social development. Further, it calls for diversification of the economy from agriculture to other sectors by setting up of cottage industries and encouraging growth of the *Jua Kali* Sector. More government resources are being channelled to this age group including Youth Enterprises Funds and women enterprises funds to enable them to create more employment opportunities for the youth and women.

Urban population

Table 5 below shows the population projections by urban and town centres.

Table 5: Population Projections by Urban Centres

Urban centres	2009 census			2012 (Projections)			2015 (Projections)			2017 (Projections)		
	M	F	T	M	F	T	M	F	T	M	F	T
Murang'a Town	14,069	14,706	28,775	14239	14884	29122	14411	15063	29474	14526	15184	29711
Maragwa Town	12,878	13,496	26,374	13033	13659	26692	13191	13824	27015	13297	13935	27232
Makuyu/Keenol Town	21,701	22,306	44,007	21963	22575	44538	22228	22848	45076	22407	23031	45438

Kiriaini Urban Centre	1,118	1,339	2,457	1131	1355	2487	1145	1372	2517	1154	1383	2537
Kabati Urban Centre	1,529	1,599	3,128	1547	1618	3166	1566	1638	3204	1579	1651	3230
Kangari Urban Centre	1,395	1,415	2,810	1412	1432	2844	1429	1449	2878	1440	1461	2901
Total	52,690	54,861	107,551	53326	55523	108849	53970	56194	110163	54403	56645	111048

Source: County Development Planning Office, Murang'a, 2012

The total population of people living in urban centres is projected to be 108,849 in 2012. Makuyu/Kenol town has the largest population with 44,538 people followed by Murang'a town with a population of 29,122 people. Onurban centres, Kabati has the highest population of 3,166 people followed by Kangari with 2,844 people. Kiriaini has the least population with 2,487 people.

1.4.2 Population Density and Distribution

Table 6 gives the population distribution and density for the constituencies in Murang'a County.

Table 6: Population Distribution and Density by Constituency/ Sub-county

Constituency	2009 (Census)		2012 (Projections)		2015 (Projections)		2017 (Projections)	
	Population	Density (Km ²)	Population	Density (Km ²)	Population	Density (Km ²)	Population	Density (Km ²)
Kiharu	181,076	441	183,262	447	185,474	453	186,964	456
Kangema	76,988	443	77,917	449	78,858	454	79,491	458

Mathioya	88,219	251	89,284	254	90,362	257	91,088	259
Kandara	156,663	664	158,554	672	160,468	680	161,757	686
Kigumo	123,766	511	125,260	517	126,772	524	127,791	528
Gatanga	163,597	273	165,572	276	167,571	280	168,917	282
Maragwa	152,272	278	154,110	282	155,971	285	157,224	287
Total	942,581	368	953,960	373	965,477	377	973,231	380

Source: County Development Planning Office-Murang'a County (2012)

From Table 6, the county had a projected population of 953,960 people in 2012. This population is distributed as follows: Kiharu constituency has the highest population of 183,262 people, constituting 19.21 per cent of the total county population followed by Gatanga constituency with a population of 165,572 constituting 17.36 per cent of the total population. Kandara Constituency is the third most populous with 158,554 people. This is 16.62 per cent of the total county population. The fourth most populous constituency is Maragwa with 154,110 people which is 16.15 per cent of the total county population. The least populated constituency is Kangema with a population of 77,917 people which is 8.12 per cent of the total county population. This is followed by Mathioya constituency with 89,284 people which is 9.36 per cent of the total county population. Kigumo constituency has a population of 125,260 which represents 13.13 per cent of the total population.

Kandara constituency has the highest population density of 672 persons per Km² followed by Kigumo constituency with 517 persons per Km². The third highest is Kangema with a population density of 449 persons/ Km², which is followed by Kiharu constituency with 447 persons/ Km². Mathioya constituency has the lowest population density of 254 persons per Km², followed by Gatanga constituency with 276 persons/ Km². Maragwa constituency is the third least with a population density of 282 persons/ Km².

Table 7 below shows the population projections by Constituency

Table 7: Population Projections by Constituency/Sub-County

Constituency	2009 (Census)			2012 (Projections)			2015 (Projections)			2017 (Projections)		
	M	F	T	M	F	T	M	F	T	M	F	T
Kiharu	87,490	93,586	181,076	88,546	94,716	183,262	89,615	95,859	185,474	90,335	96,629	186,964
Kangema	36,906	40,082	76,988	37,352	40,566	77,917	37,802	41,056	78,858	38,106	41,385	79,491

Mathioya	42,126	46,093	88,219	42,635	46,649	89,284	43,149	47,213	90,362	43,496	47,592	91,088
Kandara	75,836	80,827	156,663	76,752	81,803	158,554	77,678	82,790	160,468	78,302	83,455	161,757
Kigumo	59,807	63,959	123,766	60,529	64,731	125,260	61,260	65,513	126,772	61,752	66,039	127,791
Gatanga	80,987	82,610	163,597	81,965	83,607	165,572	82,954	84,617	167,571	83,620	85,296	168,917
Maragwa	74,712	77,560	152,272	75,614	78,496	154,110	76,527	79,444	155,971	77,141	80,082	157,224
TOTAL	457,864	484,717	942,581	463,391	490,569	953,960	468,986	496,491	965,477	472,753	500,479	973,231

Source: County Development Planning office, Murang'a 2012

The constituency with the highest population is Kiharu with 183,262 people followed by Gatanga with a population of 165,572 people. Kangema has the least population with 77,917 people. This could be attributed to the vastness of the constituencies, agricultural potentiality, nearness to basic social and administrative services and employment opportunities in various sectors. The small population size in Kangema constituency could be attributed to the small size of the constituency and emigration of people to other counties in search of employment opportunities.

1.5. Human Development Indicators

Gender Development Index: The County gender development index stands at 0.5357 compared to the national indicator which is 0.4924. This is attributed to empowerment of the girl child and promotion of women rights in the county.

Youth Development Index: The county youth development index is 0.6517 compared to the national indicator of 0.5817. This shows that the county is performing better in terms of youth development. This could be attributed to high literacy levels and proximity to urban and major towns where there are ample opportunities for the youth.

Human Development Index: The county human development index is 0.624 and the national one is 0.561. This implies that the county is performing better in terms of human development. This is attributed to people's positive attitude towards hard work and wealth creation.

Life Expectancy: The life expectancy in Murang'a county stands at 63.4 years, where 67.2 years is for females and 59.65 years is for male. This implies that females live longer than males in the county. At the national level, the live expectancy stands at 56.6 years. This shows that the live expectancy in Murang'a County is higher than the national level.

Literacy Rate: The national literacy rate stands at 71.4 per cent where as that of Murang'a County is 70.1per cent. This implies that the literacy rate at the county is lower than the national one. In the

county, the literacy level for male is 73.9per cent while for the female is 66.7per cent. This shows that literacy rate for male is higher than female.

School Enrolment Rate: At the national level, the net Primary school enrolment rate stands at 92.9 per cent whereas the county net Primary school enrolment rate stands at 93.85 per cent. This shows that the net Primary school enrolment at the county level is higher than at the national level. Again, at the county, net set secondary school enrolment rate is 67.2 per cent for both boys and girls.

The county gross enrolment rate in primary schools stands at 97.75 per cent while the gross enrolment rate in secondary schools is 71.04 per cent. At the same time, the county transition rate from primary to secondary school is 70.6 per cent. Additionally the primary school completion rate in the county is 97.13 per cent. This implies that 26.53 points of the primary school pupils who complete primary education do not proceed to second school education. This could be attributed to inadequate day secondary schools to cater for those who qualify to join secondary schools but they cannot afford.

Purchasing Power Parity (PPP): The national PPP stands at 1,436 USD compared to the 1,455.5USD at the county level. This implies that the county is better off compared to the national PPP. This means that an average household size of four is able to spend at least 121USD per month. This shows that on average an individual in the county spends 1 USD per day. While this means that people in the county are living along the poverty line, but in reality 36.3 per cent of the county population lives in absolute poverty.

1.6. Infrastructure and Access

1.6.1 Road, Rail Network, Airports and Airstrips

Physical infrastructure is a basic foundation for national transformation as articulated in the national economic blueprint – Kenya Vision 2030. In 2013, Murang'a County had 2,934.95 Km of road. Of these, 387.5 Km are bituminized, 1313.1 Km are gravelled and 1234.3 Km is earth surface. The county has 65Km of railway line which is underutilised. There is no established air strip in the county; however plans are underway to construct an airstrip at Kambirwa in Kiharu constituency.

Figure 3: Rehabilitation of Mukuyu-Githambo-Kiruri Road



Source: County Development Planning Office, Murang'a- 2013.

1.6.2 Posts and Telecommunications

The county has 800 landline telephone connections provided by Telkom Kenya. It has high mobile network coverage of 97 percent of the area with the service providers being Safaricom, Airtel Kenya, Orange, and Essar Yu. There are six post offices, three sub-post offices and four courier services operating in the county.

1.6.3 Financial Institutions

There are seven commercial banks in the county (Barclays, Kenya Commercial Bank, Cooperative Bank, Equity Bank, Post Bank, Consolidated Bank and Family Bank), four Micro-finance institutions (SMEP DTM, Faulu Kenya, Kenya Women Finance Trust and ECLOF) and four insurance companies (Britam, Invesco, APA, Kenya Orient and other small agencies). These institutions play a key role in the economic development through provision of financial services to the farmers, business people and the public in general. Apart from providing credit facilities, the financial institutions also advise the local people on the best businesses to venture into in order to get maximum returns. The government uses the financial institutions to channel funds to the vulnerable members of the population such as the social protection fund. The Youth Enterprise Development Fund and Women Development Fund are also channelled to them through financial institutions.

Figure 4: Financial Institutions in the



Source: County Development Planning Office, Murang'a- 2013

1.6.4 Education Institutions

The education sector promotes literacy and provides quality education for the residents of the county. On the other hand, adult education helps in the promotion of adult learning county-wide. The county has 989 pre-schools, 616 primary schools, 263 secondary schools, 48 youth polytechnics, one technical institute (Michuki Technical Institute), two colleges (Murang'a Teachers Training college and Kenya Medical Training College) and one University (Murang'a University College). The quality of education and the facilities provided will be improved to ensure that they produce the kind of human resource that will enable the county accomplish its development aspirations. Efforts will be made to create child friendly schools for quality education since this will guarantee access and improve on retention and completion. In total, 98.3 per cent of the secondary schools are connected with electricity but connectivity for the primary schools is lower while 70 per cent of the community lives between 1.1 Km and 4.9 Km to the nearest primary school.

There is need to standardize the sanitation facilities of the schools by providing flush toilets. There is also need to provide water to all schools which are not yet supplied with water since this county is well endowed with water resources.

1.6.5 Energy Access

The energy subsector promotes environmental friendly, sustainable and renewable sources of energy. There are 33,861 households out of 255,696 households with electricity connections. A negligible number, less than 1 per cent of households use solar energy. Much needs to be done to expand rural electrification programme to increase the proportion of households with access to electricity. Other main sources of energy commonly used in the county are fire wood, paraffin, charcoal, LPG gas and solar. Emphasis needs to be put on reforestation to replace the trees that are felled in search of wood fuel which is the main cooking fuel in the county in addition to exploring other alternatives of fuel such as biogas.

Figure 5: Githambo Power Sub- Station



Source: County Development Planning Office, Murang'a-2013

1.6.6 Markets and Urban Centres

There are a total of 513 market centres in the county out of which three are classified as towns (Murang'a, Maragwa and Makuyu towns). The number of urban centres in the county are three (Kabati, Kangari and Kiriaini). There are 18,963 registered traders, both retail and wholesale. The wholesalers mostly deal with consumer and hardware products while retail traders, who are in both rural and urban areas, deal mainly with food products.

The trade sub-sector assists in the strengthening of the county joint loans board, promotes training of traders as well as consumer protection through frequent impromptu inspection of traders. The industry subsector is involved with promotion of local investments, identification and development of new enterprises, as well as collection, analysis and dissemination of industrial information. Coffee and tea processing are the main industrial activities in the county while milk cooling plants are also coming.

1.6.7 Housing

In Murang'a County, about 40per cent of the households live in stone/brick walled houses, 24.3per cent in mud/wood walled houses while 2.19per cent live in grass straw/tin walled houses. Most housing units in the county are roofed with corrugated iron sheets (94.38per cent), while *makuti* and grass roof constitute 0.18per cent of the households. Most of these housing units have earth floor (60.04per cent), followed by cement floor at 38.85per cent. The county has 1,924 Low Grade, 232 Middle Grade, and 184 High Grade government housing units which are not adequate for the government officers deployed in the county.

1.7. Land and Land Use

1.7.1 Mean Holding Size

The county has a total area of 2,558.9Km² of which 11.2Km² is water mass. The arable land is, 2,135 Km² while non-arable land is 163.3 Km². The gazetted forest covers an area of 254.4 Km² is Gazetted forest land while approximately 20 Km² is urban area. The average farm size under large scale holdings is 16 acres. Total acreage under food crop farming is 329,234 acres while that under cash crop farming is 177,636 acres. The land under soil conservation is 33,254 acres; under farm forestry is 270,879 while area under organic farming is 385,364.5 acres.

The main land use activities in the county are: cash crop farming, subsistence farming, livestock keeping, fish farming, housing and forestry.

1.7.2 Percentage of Land with Title Deeds

Murang'a County is predominantly agricultural and, therefore, land holding is considered important. It is estimated that 64.9per cent of farmers have title deeds while 35.1per cent do not have title deeds.

1.7.3 Incidence of Landlessness

Majority of the county population own land. Incidence of landlessness is approximately 0.2per cent. This is as a result of concerted efforts by the government to resettle the landless at Maranjau area in Kambiti Location of Maragwa constituency.

1.8. Community Organizations/Non-State Actors

Majority of the county's population is organized into community self-help groups, and both producer and marketing cooperative societies. There are a number of other non-state actors operating in the county including local and international Non-Governmental Organizations whose objective is to improve the socio-economic well-being of the local people.

1.8.1 Cooperative Societies

The County has 155 registered co-operatives societies of which 120 are active and 35 are dormant. These have a total membership of 332,420 and annual turnover of over Kshs.599 million.

1.8.2. Non-Governmental Organizations

There are 10 active NGOs' operating in the county. Their activities are pegged on the improvement of social and economic wellbeing of the entire population of the county. The key NGOs operating in the county include: Vihda association, G.I.Z, Africa now and YARD, among others.

1.8.3. Self Help, Women & Youth Groups

The county has 1,832 registered self-help groups of which 676 are youth groups and 1,156 are women groups. These groups operate with a view to pooling their resources to uplift the economic and social welfare of the members.

1.9. Crop, Livestock and Fish Production

1.9.1 Main Crops Produced

The major cash crops in the County include tea, coffee, avocado, mangoes, macadamia and horticulture crops, among others. Horticultural crops include tomatoes, cabbages, kales, spinach and French beans while food crops include maize, beans, bananas, sweet potatoes and cassava.

1.9.2. Acreage under Food Crops and Cash Crops

The acreage under food crops and cash crops are 329,234 and 177,636 respectively. The acreage under food crop is almost twice that of cash crop. Food crop farming is practiced in all parts of the county but cash crop farming is practiced in upper zones and in some lower zones of the county.

Figure 6: Banana Growing in Maragwa



Source: County Development Planning Office, Murang'a - 2013

1.9.3. Average Farm Sizes

The average farm size for most of the county's households is 1.4 acres. As a result of this, farmers are not able to produce large quantities of crops to warrant large storage facilities at household level. Nevertheless, the average large scale farm size is 16 acres which are commonly found in the lower parts of the county and in tea, coffee, pineapples, mango and flower estates.

Figure 7: Fruits Growing in the County



**Source: County Development Planning Office,
1 Murang'a- 2013**

The storage facilities range from granaries to grain stores and milk coolers. Grain stores are found in NCPB outlets in Maragwa town. Milk coolers are found in milk collection centres in Kigumo, Kangema and Maragwa. Granaries are found at household level due to small quantities of produce. Tea leaves and coffee berries are stored in their respective factories.

1.9.5. Main Livestock Bred

The main livestock bred in the county are cattle, pigs, goat, sheep, rabbits and chicken. Exotic cattle breeds are found in the upper parts of the county while indigenous cattle breeds are found in the lower parts of the county. Dairy and indigenous goats are spread all over the county but they thrive well in the lower parts. Pigs are of different varieties and reared all over the county due to readily available market offered by Farmers' Choice. Rabbits and chicken are reared in response to demand for white meat.

1.9.6. Number of Ranches

The County has one company ranch owned by Kakuzi Limited of approximately 213 Acres. This is a private company listed in the Nairobi Stock Exchange.

1.9.7. Main Fishing Activities

There are no large water masses in the county and therefore fishing is practised in the farms. By 2013, there were 2,380 households practising fish farming with 2,520 fish ponds covering an area of 714,000 m². The main fish species reared are Tilapia and Cat fish.

1.10. Forestry and Agro Forestry

1.10.1 Main Forest Types and Sizes

The county has five indigenous gazetted forests covering a total area of 254.4 Km². They are: *Gatare, Karua, Kimakia, Kiambicho* and *Wanjerere* forests. These forests are divided into two zones; the tropical *montane* forest zone located along the Aberdare ranges and the semi-arid forest zone located in the lower parts of the county. However, there are 204,557 farm forests which are privately owned plantations.

1.10.2 Main Forest Products

The main forest product in the county include: timber (approximated at over 64 million running feet), firewood (over 500,000 stacks) and seedling production of over 63 million. Other minor forest products include grass, bamboo sticks, medicinal herbs, honey and charcoal. The forests are also the major sources of various rivers namely Maragwa, Mathioya North, Mathioya South, Kiama and Thika rivers.

1.10.3 Promotion of Agro forestry and Green Economy

Agro forestry involves tree farming with crops and/or pasture. This entails the planting of trees that do not compete with crops. Green economy involves the production of energy from renewable sources such as bio fuel, solar, wind and biogas. The county has 270,879 acres under farm forestry in 204,557 farms. There are 282,774 people involved in farm forestry with an average of 40 trees per farm.

- a) Income generating activities: Forestry related income generating activities in the county range from tree nursery management activities to sale of forest products. The main types of forest products in the county are timber estimated at 63,994,066 running feet, firewood estimated at 531,025 stacks and production of seedlings estimated at 63,500,000 annually.
- b) Protection of water catchment: Water catchment areas protection activities have been on-going especially in the Aberdares forest. The activities included rehabilitation of degraded sites and catchment areas, river banks stabilization and planting of water friendly trees.
- c) Prevention of soil erosion: Tree planting in farms has helped in preventing soil erosion. Trees hold the soils firmly on the ground and act as wind breakers and increase soil fertility through litter fall from leaves which later form humus. The soil conservation structures namely; Retention ditches, grass strips, trash lines and *fanya juu* are also practiced across the county.

- d)
- e) Provision of wood fuel and generation of energy for industries: Tree planting by farmers has been enhanced with the involvement of tea processing industries in establishing tree nurseries and supplying tree seedlings to farmers for planting. These industries buy mature trees from farmers who earn incomes while the industries get a source of wood fuel for their production.
- f) Improved soil fertility by growing fertiliser trees: The departments of Agriculture and forestry have enhanced soil fertility improvement in the county by encouraging farmers to plant nitrogen fixing species of trees such as *Acacias*, *Albizia spp*, *Lencena spp*, *Sesbania spp* and *Calliandra spp* in order to improve soil fertility through fixing nitrogen in the soil.
- g) Growing of fruit trees for improved nutrition: Farmers have also been planting fruit trees like Avocadoes, Mangoes, Pawpaws, Macadamia and Oranges for commercial and for nutrition purposes. There are Mango and Avocado processing factories in the county. Tea, coffee and Macadamia nuts are also grown on commercial purpose.
- g) Provision of carbon sinks: The carbon trade is an agreement made between a buyer and a seller of carbon credits. Those who reduce emissions or sequester carbon receive payments and those who have to decrease emissions can buy carbon credits to offset their emissions. Carbon offsetting means to compensate emissions which cannot be avoided by paying someone else to save – sequester - GHGs. The prices which are received for one ton of CO₂ vary a lot and depend on the type of market and the type of carbon offset project. The County has not benefitted from the carbon sink programmes or projects for carbon trading. Trees grown on gazetted and un-gazetted land take-up carbon dioxide and produce oxygen in the process of making wood, it is therefore expected that carbon trading projects will be initiated in the county so as to tap this untapped potential.
- h) Beautification activities: Beautification activities in towns, highways, schools and public places have been on-going across the county. Tree planting along highways/streets and in school compounds has been taken up as a programme by the Kenya Forest Service and various groups and individuals. Growing of trees around homesteads is an adopted practice in the county for beauty, shelter and fuel. Each calendar year, over 200,000 seedlings are planted along roads, urban centres and schools and public places
- i) Animal feeds production ventures: Planting of fodder crops across the slopes have also been encouraged as soil conservation method and helps retain soil fertility in sloppy areas. Planting of fodder crops such as Napier grass, *Leucaena spp* and *Cordia abyssinica spp* have also boosted animal feed production by the department of livestock production.
- j) Growing and processing of tree and crops for medicinal purposes: Medicinal crops like *Amaranth* and trees like *Prunus spp*, *Moringa oleifera spp* and *Warbugia spp* have also been grown especially in areas of Kangema, Kiharu and Maragwa. Local herbalists purchase the raw plant parts for processing and sale within and outside the county.

1.11. Environment and Climate Change

Climate change refers to the significant variation of expected average weather conditions of a given location as observed over a period of at least 30 years. The climate of an area is defined by the interactions of various factors including uneven distribution of solar heating, specific responses of the atmosphere, oceans and land surface. Therefore, climate is paramount in contributing to socio-economic development and determining the availability and distribution of resources like water, wildlife and forests.

1.11.1 Major Contributors to Environmental Degradation in the County

The main environmental pollutants in the county are identified as agrochemicals from agricultural activities and factories, vehicle exhausts, quarrying activities and emissions of Green House Gases (GHGs) into the atmosphere through natural causes and human induced activities and solid wastes from markets and towns. The GHGs disrupt atmospheric balance and global warming therefore heating the earth surface.

Solid wastes include: plastic, polythene papers, glass, human waste, animal waste, organic plant matter, synthetic material, rubber and medical waste. Dumping and management of solid waste to the environment remains a major challenge for the County. Human waste disposal is a challenge in the county as it is only Murang'a Town which is served by a sewerage treatment plant. Makuyu, Maragwa, Kangari and Kangema Towns as well as Kiria-ini, Kahatia, Kandara, Kenol and Kigumo Markets are in dire need of solid waste management facilities.

1.11.2 Effects of Environmental Degradation

Environmental degradation is the reduction or loss of the biological, ecological and economic productivity of the environment or ecosystem. The effects of environmental degradation are being experienced at county level as a result of over exploitation of forests and unsustainable extraction of non-renewable resources. Indiscriminate felling of trees in gazetted and non-gazetted forests has led to destruction of water catchment areas and consequently reducing river recharge base.

Figure 8: Land Degradation in the County as a Result of Quarrying



Source: County Development Planning Office, Murang'a- 2013

1.11.3 Climate Change and its Effects in the County

Climate Change has caused negative socio-economic consequences across most sectors with the most vulnerable being environment, agriculture, livestock, forestry, water, health, energy, fisheries

as well as physical and social infrastructure. Climate change is a reality in Murang'a County and has led to prolonged dry spells and drying of river beds in the lower parts of Kiharu and Maragwa constituencies.

Some of the adverse effects of climate change experienced at Murang'a County include: Variation in weather patterns with reduced rainfall and failed crop seasons; Frequent and prolonged droughts and diminishing water resources: Floods/flash floods and landslides: Environmental degradation and habitat destruction; Water bodies have been rescinding due to reduced inflow following the massive destruction of catchment areas: Resurgence of weeds, diseases and pests that are destructive to both human and livestock wellbeing: Loss of biodiversity especially where the ecosystems is fragile. Climate Change has also affected species distribution as an adaptive response. The African elephant (*Loxodonta africana*) found at Aberdares is threatened due to destruction of its habitat and breeding grounds in the forest: Severe famine and hunger causing food insecurity especially in the ASALs regions like Kambiti, Maragwa Ridge. This is exacerbated by over dependence on rain-fed agriculture and rural poverty; Resource use conflicts. Wildlife has been forced to stray from protected areas to farms in search of water and forage thus enhancing human/wildlife conflicts. E.g. at Kaseve hills in Murang'a South there is conflict between the locals and monkeys.

1.11.4 Climate Change Mitigation Measures and Adaptation Strategies

Murang'a County needs to make the necessary and deliberate adjustments to prepare mitigation measures to cope with effects of climate change. Most of the disasters in the county are experienced as a result of extreme weather events due to climate change.

Adaptation comprises all actions aimed at enhancing the coping mechanisms to climate change which cannot be abated or mitigated thus reducing the magnitude of negative effects. These include prevention, tolerance, resilient, change of land use practices, relocation or initiating restoration of degraded environments. There are also damages to infrastructure such as roads, water supply pipes and housings roofing.

Mitigation measures aim at reducing negative impacts occasioned by loss of human life, death of animals, and destruction of infrastructure among others. This is attained through the application of modern and appropriate farming technologies, alternative approaches to mitigate effects, available opportunities and strategies to mitigate climate change. Coping mechanisms to climate change are sector specific allowing relevant and applicable interventions to be formulated and implemented.

Forest cover ensures that carbon sink and sequestration while at same time firming up soil thus preventing soil erosion. Tree planting will be encouraged as a way of enhancing forest cover and reducing environmental degradation. The water 'Supply-side' adaptive techniques involve changing structures, operating rules and institutional arrangements. The water 'Demand-side' adaptive techniques involve water demand management e.g. efficient irrigation, water pricing, and emphasis on conservation, awareness raising campaigns, policies and regulations to encourage efficient use of water. The mitigation and adaptation measures for agriculture include: Diversification of crops to help cope with shifting rainfall patterns, using drought resistance/tolerant crops and promotion of good agricultural practices.

Mitigation and adaptation measures in health sector include: Strengthening the public health institutions to cope with increased occurrence of climate change related diseases e.g. malaria, cholera among others; and Intensifying public health campaigns and public participation on climate change related diseases. The transport mitigation and adaptation measures include: Good

maintenance of road network to ensure high efficiency of vehicles and less emissions of GHGs and Enforcement of air quality regulations and standards

The county heavily relies on hydro generated energy which results in frequent power outages and blackouts during the dry spells. Mitigation and adaptation measures may include: diversification of to use of solar energy, wind energy, bio gas and promotion of wood energy efficiency and conservation through using improved stoves at household levels.

1.12. Mining

1.12.1 On-going Activities

The county does not have mining activities except quarrying which is practised in some parts. Quarrying activities include: sand harvesting, excavation of building blocks and ballast and extraction of clay soil for brick making and pottery. It is estimated that 42,900 tonnes of sand are harvested annually. The harvested ballast is estimated at 22,016 tonnes and hard core at 189,770 tonnes annually with 6,971 people involved.

1.12.2 Mining Potential

There are no known potential mineral deposits in Murang'a County. Researchers are however encouraged to continue exploration works in various parts of the county to ascertain if the county has any mineral potential.

1.13. Tourism

1.13.1 Main Tourist Attractions, National Parks/Reserves

The main tourist attraction sites in the county are the *Aberdares* National Park and cultural heritage sites that have a rich history on the origins of the *Agikuyu* people. Such sites are at *Mukurwe wa Nyagathanga* and *Karia Ka Mbari ya Ngware*. Moreover, there are also ideal natural sites for hiking and camping at Rapid Camp, *Aberdare* cottages and sport and leisure fishing sites at *Kimakia* fishing grounds and *Ndakaini* Dam.

Figure 9: A Tourist Attraction Site in the County



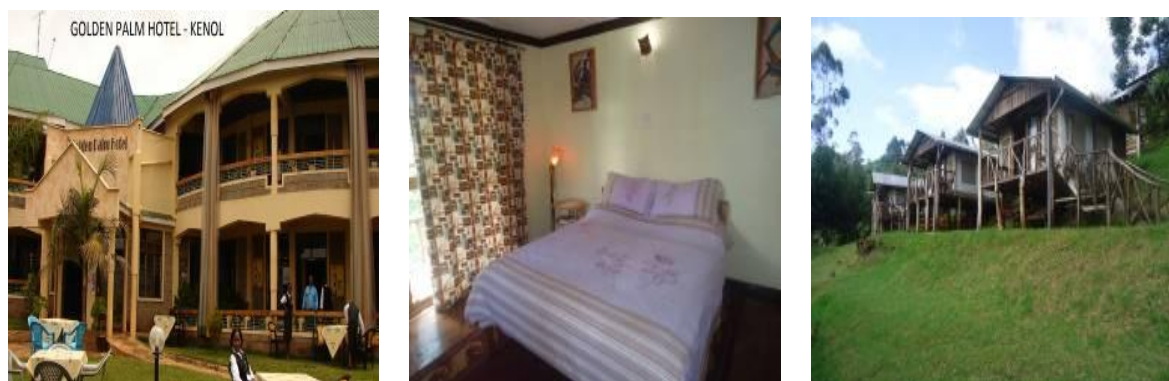
1.13.2 Main Wildlife

The main wildlife in the county are elephants which are the major source of human-wildlife conflicts especially in Mathioya and Kigumo constituencies. This is due to the constituencies' proximity to the Aberdare forest which forms the wildlife habitat. Other wildlife in the county is Columbus monkeys and their related species.

1.13.3 Tourist Class Hotels/Restaurants, Bed Occupancy

Due to the untapped tourism potential in the county, there are no tourist class hotels or restaurants. This is because the available tourism packages are often irregular and the tourists usually visit the county during the day and then go to reside in hotels outside the county. However, there are a number of other unclassified hotels and restaurants in the county (e.g. Hotel *Nokras*, Fortune Green and Golden Palm hotel).

Figure 10: Tourist Hotels in the County



Source: County Development Planning Office, Murang'a- 2013

1.14. Industries

Murang'a County does not have big manufacturing industries. However there are several agro-processing factories as shown in the table 8 below:

Table 8: Industries/ Factories in Murang'a County by type and Sub County

Sub- Counties	Industry/ factory by Type						
	Tea	Coffee	Milk	Fruits	Nuts	Animal Feeds	Cottages
Kangema	1	15	2	0	0	0	
Mathioya	2	16					
Murang'a East	3	6			1		
Murang'a South	0	8		1	1	3	5
Gatanga	2	21	0	2	1	0	1
Kandara	1	34	1				
Kigumo	3	38					
Kahuro	1	23					
Total	13	161	3	3	3	3	6

Source: County Development Planning Office, Murang'a- 2013

As per the table 8, most of the industries are agro based industries with coffee being the leading followed by tea factories. Most of the factories produce semi- finished products which are exported to other counties and internationally as raw materials and therefore do not fetch optimum prices. Therefore there is need for the factories to refine and package the end products so that there is optimum returns and creation of more employment opportunities in the county. Only a few factories like Del Monte and Farm Nut produce finished products and hence are the largest employers compared to the others. The county has potential for more industries like those mentioned above, especially mangoes, bananas and milk processing factories. The other potential areas are in pottery, where clay soil is exported to other counties instead of making finished product of clay for export.

1.15. Employment and Other Sources of Income

The agricultural sector accounts for 57per cent of the labour force in the county. The sector however faces numerous challenges from increasing population and sub-division of land to uneconomical sizes. The potential of this sector to absorb more labour force is expected to decline and it is therefore important that diversification of sources of income and value addition of agricultural produce through processing is promoted and encouraged.

1.15.1 Wage Earners

Wage earners in the county are mainly employed on casual basis either temporarily or seasonally with no job guarantee or security. This group accounts for 18per cent (78,193 persons) of the total employment in the county.

1.15.2 Self Employed

The self-employed are categorized as rural self-employed who account for 34,752 people and urban self-employed who account for 73,849 persons in the county. The self-employment opportunities are expanding with the expansion of towns and market centres in the county due to rural urban migration.

1.15.3 Labour Force

The labour force accounts for 527,679 persons or 55.3 percent of the total population of the county and is expected to increase to 538,339 persons by 2017. Those in employment account for 434,405 persons. The biggest challenge for this group is to create adequate and gainful employment opportunities. Processing of agricultural produce which accounts for a mere 3.6per cent of those in employment has great potential to form the core labour niche in the county.

1.15.4 Unemployment Levels

The rate of unemployment in the county is approximately 17.67 percent or 93,241 persons. The county should therefore strive to reduce the unemployment rate by adopting policies and programmes that are labour intensive.

1.16. Water and Sanitation

1.16.1 Water Resources and Quality

Murang'a County's water resources are rivers, shallow wells, springs, dams, boreholes and roof catchment. There are 10 permanent rivers, 400 shallow wells, 75 springs, 30 dams and 100 bore holes that supply water for domestic and agricultural use in the county. All these sources supply 60 per cent of the county population with clean and safe drinking water.

1.16.2 Water Supply Schemes

The county has 27 water supply schemes and about 16 irrigation schemes. Water supply schemes are managed by three different entities. There are some which are managed by the water companies, the department of water and some others are managed by the community members through water project committee. The irrigation schemes, which are managed by the community members, got funding from community own initiatives as well as government and development partners' support.

1.16.3 Water Sources

In the county, the mean distance to the nearest water point is three Km with about 29.4per cent of the households taking five to 14 minutes. Water supply schemes such as the Gatanga community water schemes supply water directly to households at reasonable cost. The county will expand the capacity of water schemes to ensure a minimum of 40per cent of the households are directly supplied with water.

Figure 11: Maragwa River, a Major Source of Water in the County



Source: County Development Planning Office, Murang'a- 2013

1.16.4 Sanitation

About 99.78 per cent of the households in the County use toilet facilities. Out of these, 4.97per cent use flush toilets, 3.97per cent use VIP latrines while the others use ordinary pit latrines. The majority of people living in the market and trading centres use ordinary pit latrines.

1.17. Health Access and Nutrition

1.17.1 Health Access

The County has 272 health facilities serving a population of 959,701. It has one County referral hospitals and six sub-county hospitals, three mission one private hospital. There are 26 public health centres, 114 dispensaries (89 public and 25 mission/NGO) and 137 private clinics.

The County has 1250 medical personnel working in government health facilities with 650 nurses, 39 doctors, 54 clinical officers, 138 public health officers and 38 laboratory technicians and technologists among others medical personnel and health facilities in the county are inadequate and there is need to improve the situation.

Figure 12: Kambirwa Health Centre (ESP Project)



Source: County Development Planning Office, Murang'a- 2013

1.17.2 Morbidity

The most prevalent diseases in the County are: malaria/fever (2 per cent), flu (20.64 per cent) diarrhoea (11.45 per cent), respiratory tract infections (10.86 per cent) and stomach-ache (6.54 per cent). Morbidity situation in the county may change soon due to increasing number of motor cycle accidents. The health personnel have been spearheading campaigns to reduce the prevalence of the diseases especially for children less than five years.

1.17.3 Nutritional Status

Five per cent of children under five years are stunted and wasted. However, the medical personnel have been intensifying their effort to ensure that the figure comes down.

1.17.4 Immunization Coverage

The immunization coverage stands at 92 per cent. Efforts are being made to ensure that all children are immunized against preventive diseases. The medical personnel have now changed the strategy of waiting for children to be brought to health, by moving from house to house to ensure that no child is left out.

1.17.5 Access to Family Planning Services

Murang'a County has high usage of family planning services especially in urban areas. It is approximated that 86 percent of urban population has access to family planning services as compared to 33per cent of the rural population. The county should balance between population growth and economic activities since both have a bearing on the welfare of the residents.

1.18. Education and Literacy

Education is the key to human growth and development through the core functions of teaching and learning done in the county institutions. This makes the society more enlightened and therefore contributes to the overall development of human resources in the county.

This is one of the major sectors in the county since the growth and development experienced in other sectors relies on well educated people.

Figure 13: An Adult Class in Progress in Murang'a



Source: County Development Planning Office, Murang'a- 2013

1.18.1 Pre-school Education

The county has 1080 ECD centres with total enrolment of 31,944 pupils and 1,127 teachers. The teacher/pupil ratio is 1:28.

1.18.2 Primary Education

The county has 634 primary schools, 6,324 teachers, total enrolment of 214,986 and a transition rate of 70 percent. The teacher/pupil ratio is 1:34. In this category there is a shortage of teachers which the county government will have to deal with in order to ensure that we attain the required ratio of 1:20. There is need to improve the transition rates in the county.

1.18.3 Literacy (Population Aged 15 Years and Above)

The county's literacy level stands at 70.1 percent, where literacy level for male is 73.9 percent and female is 66.7 percent. This implies most of the county population can make informed decisions on matters affecting their socio-economic livelihoods.

1.18.4 Secondary Education

The county has 292 secondary schools, 3,206 teachers and a total enrolment of 84,874 students. This represents a gross enrolment of 71.04 percent. In this category, the government has tried to attain a teacher /student ratio of 1:26. There is need to put more effort in ensuring that gross enrolment is raised to 90 percent.

1.18.5 Tertiary Education

The county has one science and technology institute (Michuki Technical Training Institute), forty eight youth polytechnics, three accredited colleges and four non accredited colleges. All these are middle level institutions where the youth who don't get opportunities to join the universities go and get skills suitable for the labour market.

County Fact Sheet

INFORMATION CATEGORY	Statistics
County Area:	
Total area (KM ²)	2,558.9
Water mass (KM ²)	11.2
Gazetted Forests (KM ²)	254.4
National Parks/Reserves	0
Arable land (KM ²)	2,135
Non-arable land (KM ²)	163.3
Total urban areas (KM ²)	20
No. of towns	3
No. Of urban centres	3
Topography and climate	
Lowest altitude	914
Highest	3,354
Temperature range:	
High (°C)	33
Low (°C)	9
Rainfall:	
High (mm)	1,600
Low (mm)	400
Average relative humidity (%)	
Wind speed (Km/H)	
Demographic profiles	
Total Population (2012)	953,960
Total Male population	457,901
Total female population	496,059
Sex ratio (M:F)	48:52
Projected population:	
Mid plan period (2015)	958,969
End of 2017	966,672
Infant population (2012):	
Female	21,784
Male	22,183
Total	43,966
Population under five (2012):	
Female	69,401
Male	71,200
Total	140,601
Pre-school population (2012):	
Female	33,900
Male	34,926
Total	68,826
Primary School (2012):	
Female	95,849

INFORMATION CATEGORY		Statistics
	Male	97,605
	Total	193,455
Secondary School age group (2012):		
	Female	42,599
	Male	43,330
	Total	85,929
Youths population (2012):		
	Female	121,208
	Male	118,976
	Total	240,184
Labour force (2012):		
	Female	276,897
	Male	250,782
	Total	527,679
Reproductive age group (2012):		230,775
Aged population (2012):		
	Female	36,432
	Male	27,328
	Total	63,760
Eligible voting population: 18 and above (2012):		
	Name of Constituency	
	Kangema	106,276
	Mathioya	45,742
	Kiharu	51,365
	Kigumo	88,874
	Maragwa	70,292
	Kandara	91,036
	Gatanga	82,989
	Total (County)	53,6573
Registered voters (2012)	Name of Constituency	
	Kangema	35,892
	Mathioya	41,128
	Kiharu	84,418
	Kigumo	57,700
	Maragwa	70,989
	Kandara	73,036
	Gatanga	76,269
	Total	455,335
Urban Population (2012)		
	Female	55,523
	Male	53,326
	Total	108,849
Rural Population:(2012)		

INFORMATION CATEGORY		Statistics
	Female	434,803
	Male	403,879
	Total	838,682
Population density:2012		
	Highest	672
	Lowest	254
	County	373
Crude Birth rate		32.5/1000
Crude Death rate		10.4/1000
Infant Mortality rate (IMR)		31/1000
Neo-Natal Mortality Rate (NNMR)		65/1000
Post Neo-Natal Mortality Rate (PNNMR)		62.5/1000.
Child Mortality Rate (CMR)		58/1000.
Under Five Mortality Rate (U5MR)		58.5/1000.
Life expectancy: Male		59.7
	Female	67.2
Total number of households		255,696
Average household size		4
Female headed households		28,126
Children needing special protection:		
	Children in labour	21,254
	Orphans	116,151
Physically disabled persons (No.)		94,238
	Missing:	
	Hand (%)	1.6
	Foot: (%)	2.2
	Lame (%)	2.0
	Blind (%)	1.1
	Deaf (%)	0.38
	Dumb (%)	0.22
	Mental (%)	2.1
	Paralysed (%)	0.3
	Other (%)	0.1
Child- Headed households (No.)		1,399
Human Development Index (HDI)		0.58795
County		0.561
National		
Human Poverty Index (HPI)		
County		34.5
National		29.1
Gender Development Index (GDI)		
County		0.5061
National		0.4924
Youth Development Index (YDI)		
County		

INFORMATION CATEGORY		Statistics
National		0.5663
Poverty Indicators		
Absolute poverty:		
	Per centage	36.3
	Number	346,288
Contribution to national poverty (%)		1.2
Urban poor:		
	Per centage	27
	Number	29,389
Rural poor:		
	Per centage	35
	Number	295,789
Food poverty:		
	Per centage	27
	Number	257,569
Income per capita (USD)		360
Sectoral contribution to household income:		
	Agriculture (%)	57
	Rural self-employment (%)	8
	Wage employment (%)	18
	Urban self-employment (%)	17
Number employed per Sector:		
	Agriculture	247,611
	Rural self-employment	34,752
	Wage employment	78,193
	Urban self-employment	73,849
Crop farming:		
Average farm size (Small scale) (ha)		0.567
Average farm size (Large scale) (ha)		6.47
Per centage of farmers with title deeds		64.9
Total area under food crops (ha)		133,236
Total area under cash crops (ha)		71,886.74
Total area under soil/land conservation (ha)		13,457.42
Total area under farm forestry (ha)		109,620.8
Total area under organic farming (ha)		155,951.5
Main storage facilities		Granary
Livestock farming:		
Number of Ranches		
	Company ranches	1
	Group ranches	0
	Total	1
Average size of ranches (acres)		213
Main livestock bred		Cattle, pigs, goat, sheep,

INFORMATION CATEGORY		Statistics
		rabbits, donkeys, cats, dogs chickens, ducks, geese, turkeys.
Land carrying capacity (No./ Ha)		15
Total Number of Ranches		1
Beekeeping apiaries (No.)		1
Bee hives (No.)		4,103
Milk production:		
	Quantity (litres)	106,220,472
	Value (Kshs.)	2,422,702,695
Beef production:		
	Quantity (Kgs)	2,053,361
	Value (Kshs.)	461,678,370
Mutton Production:		
	Quantity (Kgs)	2,186,667
	Value(Kshs.)	750,985,365
Egg production:		
	Quantity (trays)	4,102,948
	Value(Kshs.)	68,123,022
Poultry meat Production:		
	Quantity (Kgs)	292,596
	Value(Kshs.)	75,597,440
Honey Production:		
	Quantity (Kgs)	66,225
	Value(Kshs.)	18,591,080
Pork Production:		
	Quantity (Kgs)	664,367
	Value(Kshs.)	124,463,540
Fisheries production:		
Fishermen (No.)		0
Fish farm families (No.)		2,380
Fish ponds (No.)		2,520
Area of fish ponds (m ²)		714,000
Main species of fish catch:		
	Fish catch types (T)	
	Tilapia	4.5
	Cat Fish	1.1
Fishing Effort (man hours)		2
Landing beaches (No.)		0
Fishing gear (No.):		

INFORMATION CATEGORY		Statistics
	Fishing nets: (No.)	7
	Hooks:	0
	Traps:	0
	Motor Boats:	0
	Dhows	0
	Canoes	0
Fish harvest:		
	Weight (Kgs)	32,200
	Value (Kshs.)	9,660,000
Wildlife Resources		
Animal types		Hippopotamus, Elephants, Colobus monkeys, several bird species
<i>Wildlife estates-private (No.)</i>		0
<i>game management/ National parks/Reserve (No.)</i>		0
<i>Staff of KWS, camps</i>		0
<i>Poaching control measures:</i>		
Forestry		Tree spicies : Markamia lutea, Grevilea robusta, Ocotea usambarensis, Makaranga spp, Olea hochsteterii and Combretum
Rate of forest loss (%)		0.12
Number of gazetted forests		5
No. of Non-gazetted forests		0
Size of gazetted forests (Km ²)		254.4
Size of non-gazetted forests		0
Main forest products & quantities		63,994,066
Timber (Running feet)		531,025
Firewood (2010 in stacks)		63,500,000
Seedling production (number)		
No. of people engaged in forestry		282,774
Farms engaged in farm forestry (No.)		204,557 .
Average No. of trees per farm		40
Non-timber forest products harvested		11,020
Grass (2010 in bags)		3,264
Bamboo (2010 in pieces)		1,710
Others: Grazing (cattle)		28,512
Charcoal (bags)		
Community Forest Associations (CFA) established		7
Quantity of timber produced (m ³)		63,994,066

INFORMATION CATEGORY	Statistics
ENVIRONMENT	
Pollution: Types and sources EIAs endorsed (No.)	Water - Coffee factories, agrochemicals Air pollution – dust, vehicles exhaust, Noise – Churches, hooting vehicles, business promoters Land – solid wastes from markets, quarrying activities 176
Environment Audits executed:	29
Solid waste management by type Sources of solid waste:	Domestic- residential septic, - residential biomedical- private and government hospitals and clinics Households, Factories, Institutions and Markets
Hill tops and slopes and mountain areas protected (No.)	3
Rivers, lakes and wetlands protected: (Distribution of water uses according to main water users) No. of water resource users associations No. of water permits per category No. of rivers with environmental flows No. of ground water sources % of house with roof catchment No. of area protected	 5 5 21 310 38 1
Number of coastal sites protected:	0
Number of quarry sites rehabilitated:	0
Mines, mineral, Quarrying and estimate quantities	
Mining activities:	
<i>Mineral Type</i>	0
<i>Lifespan</i>	0
Quarrying:	
Sand (tonnes p.a)	42,900.
Ballast (tonnes p.a)	22,016
Murram/gravel (tonnes p.a)	374,560
Hardcore (tonnes p.a)	189,770
No. of people involved	6,971
Cooperatives	
No. of cooperative societies	155

INFORMATION CATEGORY		Statistics
Active cooperative societies		120
Dormant cooperative societies		35
Collapsed societies		17
Total Registered membership		332,420
Total turn-over (KKSHS..s)		599,053,665
Health		
Number of health posts:		
Hospitals (Public)		
	County	3
	Sub-county	3
Hospitals (Mission/NGO)		4
Nursing homes (Private)		3
Health centres (Public)		26
Health centres (Private)		3
Dispensaries (Public)		89
Dispensaries (Mission/NGO)		25
Private clinics		137
Institutions with bed capacity:		
Public Health Facilities		
	Level 5 Hospitals	2
	Sub-county Hospitals	34
Total (Public facilities)		36
Mission/NGO Health facilities:		
	Hospitals	5
	Health Centres	8
	Dispensaries	44
	Clinics	10
Total Mission facilities		67
Private health facilities:		
	Health Centres	3
	Nursing homes	4
Total (Private Health) facilities		8
Community distribution by Distance to the nearest Health facility (%)		
	0 – 1 KM	15.75
	1.1 – 4.9KM	62.57
	5KM and more	21.68
Average distance to health facility(Km)		7
Doctor/population ratio		1:38,103

INFORMATION CATEGORY		Statistics
Nurse/ population ratio		1:2,740
HIV prevalence		34:1000
Children vaccination (%)		87.5
Contraceptive acceptance (%)		69.2
Antenatal care (ANC) (%)		72
Place of Delivery (%):		
	Hospital	44.7
	Health Centre	5.7
	Dispensary/clinic	1.9
	Maternity home	1.4
	At home	46.3
Health facility deliveries		
Delivery Assistant (%):		
	Doctor	19.7
	Midwife/nurse	33.3
	TBA	6.8
	Trained TBA	6.6
	Self	10.3
	Other	22
Morbidity Rates (%):		
	Male	29.96
	Female	36.53
	Total (County)	33.51
Malaria Control:		
Children under 5 who sleep under bed net (%):		
	Untreated net	65.63
	Treated net	34.37
Five most prevalent diseases (%):		
	Malaria/fever	2
	Diarrhoea	11.45
	Stomach complications	6.54
	Respiratory Diseases	10.86
	Upper	0.71
	Lower	10.15
	Flu, etc	20.64
Education		
Pre-school:		
	No. of ECD centres	1080
	No. of ECD teachers	1,127
	Teacher/pupil ratio	1:28
	Total enrolment (No.)	31,944
	Gross enrolment Rate (%)	72.43
	Net enrolment Rate (%)	61.45
	Drop-out rate (%)	1.8

INFORMATION CATEGORY		Statistics
	Average years of attendance	4.5
	Completion Rate (%)	97.12
	Retention Rate (%)	97.87
	Transition Rate (%)	103
Primary school:		
	Number of primary schools	634
	Number of teachers	6,324
	Teacher/pupil ratio	1:34
	Total enrolment(No.)	214,986
	Gross enrolment Rate (%)	97.75
	Net enrolment Rate (%)	93.85
	Drop-out rate (%)	2.87
	Average years of attendance	8
	Completion Rate (%)	97.13
	Retention Rate (%)	98.1
	Transition Rate (%)	70.6
Community's distribution by distance to nearest public primary school (%)		
	0 – 1KM	30
	1.1 – 4.9KM	70
	5KM and more	0
Secondary schools:		
	Number of secondary schools	292
	Number of teachers	3,206
	Teacher/pupil ratio	1:26
	Total enrolment (No.)	84,874
	Gross enrolment Rate (%)	71.04
	Net enrolment Rate (%)	67.2
	Drop-out rate (%)	5.1
	Average years of attendance	4
	Completion Rate (%)	85
	Retention Rate (%)	94.9
Communities distribution by distance to nearest public Secondary school (%)		
	0 – 1KM	5
	1.1 – 4.9KM	20
	5KM and more	75
Tertiary institutions:		
	Public Universities (No.)	1
	Private Universities (No.)	0
	University Campuses/colleges (No.)	0
	National Poly techniques	0
	Science & Technology Institutes (No.)	1
	Other Public Colleges (No.)	2
	Youth Poly techniques (No.)	48

INFORMATION CATEGORY		Statistics
Private Accredited colleges (No.)		3
Private Non accredited college (No.)		4
Literacy: (Population aged 15+)		
Ability to read:		
	Can Read (%)	78.2
	Cannot read (%)	21.8
Ability to write:		
	Can write (%)	78
	Cannot write (%)	22
Ability to read and write:		
	Can read and write (%)	78
	Cannot read & write (%)	22
Water and sanitation		
Households with access to piped water		14,558
HH with access to potable water		27,124
Number of permanent rivers		10
No. of shallow wells		4,000
No. of protected springs		25
No. of un-protected springs		50
No. of water pans		25
No. of Dams		30
No. of Bore holes		100
HH with roof catchment systems (No.)		15,000
Mean distance to nearest water point (Km)		3
Households distribution by time taken (minutes, one way) to fetch drinking water by per centage		
	0	26.7
	1- 4	17.1
	5-14	29.4
	15- 29	19.0
	30-59	6.8
	60+	1.0
Number of Water Resource User Associations (WRUA) Established		5
Households with Latrines (%)		90.84
Community distribution by type of main toilet facility (%):		
	Flush toilet	4.97
	VIP Latrine	3.97
	PIT Latrine	45.41
	Uncovered Pit Latrine	16.28

INFORMATION CATEGORY		Statistics
	Covered Pit Latrine	29.15
	None	0.22
Community distribution by type of waste/garbage disposal (%):		
	Collected by local Authority	3.92
	Collected by Private firm	0.75
	Garbage pit	13.81
	Burning	6.06
	Public garbage heap	3.14
	Farm Garden	44.46
	Neighbourhood Community group	0
Energy(No.)		
Trading centres with electricity		126
Trading centres without electricity		89
Health facilities with electricity		110
Health facilities without electricity		99
Secondary Schools with electricity (%)		98.3
Secondary Schools without electricity (%)		1.7
HH distribution by main cooking fuel: (%)		
	Firewood	66.04
	Grass	0.1
	Paraffin	12.39
	Electricity	0.42
	Gas (LPG)	6.01
	Charcoal	14.6
	Biomass Residue	0
	Biogas	0
	Other	0.42
HH distribution by main lighting fuel (%)		
	Firewood	0.45
	Grass	-
	Paraffin	85.73
	Electricity	11.53
	Solar	1.62
	Gas (LPG)	0.4
	Dry cell (torch)	0.6
	Candles	0.4
Household's distribution by cooking appliance type: (%)		

INFORMATION CATEGORY		Statistics
	Traditional stone fire	70
	Improved traditional stone fire	8
	Ordinary Jiko	3.1
	Improved Jiko	1.9
	Kerosene Stove	13.9
	Gas Cooker	2.4
	Electric cooker	0.2
	Other	0.7
Institutions (schools, hospitals, prisons, etc.) using improved wood-fuel cooking stoves (No.)		279
Institutions (schools, hospitals, prisons, etc.) using LPG(No.)		2
Institutions (schools, hospitals, prisons, etc.) using kerosene (No.)		0
Institutions (schools, hospitals, prisons, etc.) using solar energy		0
Institutions (schools, hospitals, prisons, etc.) that have established woodlots (No.)		587
Transport & Communication		
Road length: (Km)		
	Bitumen surface	387.5
	Gravel surface	1,313.1
	Earth surface	1,234.3
Railway line length		65
Railway Stations(No.)		3
Sea/Lake Ports		0
Airports		0
Number of Telephone connections		800
Mobile network coverage (%)		97
No. of Cyber cafes		69
No. of private courier services		4
Number of Post offices		6
Number of Sub-post offices		3
Licensed stamp vendors		1
Community distribution by distance to nearest Post Office(%)		
	0 – 1KM	20.1
	1.1 – 4.9KM	28.2
	5KM and more	51.7
Wholesale and Retail Trade & Industry		
Market centres (No.)		513
Registered Retail traders (No.)		17,469
Registered wholesale traders (No.)		1,494

INFORMATION CATEGORY		Statistics
Industry		
Manufacturing industries		0
<i>Total Production by industries</i>		0
<i>Total Consumption</i>		0
<i>Surplus/deficiency</i>		
Bakeries (No.)		1
Juan Kali Associations (No.)		38
Juan Kali Artisans (No.)		2,550
Tourism		
Hotels by category: (No.)		
	Five Star	0
	Four Star	0
	Three Star	0
	Two Star	0
	One Star	0
	Unclassified hotels	113
	Bars and Restaurants	1135
Hotel Bed capacity by category: (No.)		
	Five Star	0
	Four Star	0
	Three Star	0
	Two Star	0
	One Star	0
	Unclassified hotels	3670
Financial Services (No.)		
Commercial Banks		7
Micro-finance Institutions		4
Building Societies		0
Village banks		0
Insurance Companies/branches		4
Housing		
	Distribution by main wall materials (%)	
	Stone	28.87
	Brick/Block	11.33
	Mud/Wood	24.30
	Mud/Cement	2.78
	Wood only	15.32
	Corrugated Iron sheet	14.78
	Grass Straw	0.07
	Tin	2.12
	Other	0.43
HH distribution by main floor materials: (%)		
	Cement	38.85
	Tiles	0.55
	Wood	0.46

INFORMATION CATEGORY		Statistics	
	Earth	60.04	
	Other	0.09	
HH distribution by main Roofing materials: (%)			
	Corrugated Iron Sheet	94.38	
	Tiles	1.24	
	Concrete	1.80	
	Asbestos Sheet	1.71	
	Grass	0.14	
	Makuti	0.04	
	Tin	0.61	
	Other	0.08	
Government houses by category (No.)			
	LG	1,924	
	MG	232	
	HG	184	
Community Development and social welfare sector (Number)			
<i>Active women groups</i>			
<i>Community based projects</i>		1,156	
<i>No. of youth groups</i>		1,300	
<i>Adult literacy classes</i>		676	
<i>No. of orphans and vulnerable children</i>		153	
		116,051	
Employment by sex and sector			
Sector	Male	Female	Totals
Agriculture	129,314	177,934	307,248
Mining	5,333	106	5,439
Tourism	1067	60	1,127
Transport	18,532	134	18,666
Government	19,198	19,898	39,096
Processing	8,532	7,213	15,745
Trading	22,798	14,378	37,176
Other	8,532	1,376	9,908
Total	213,306	221,099	434,405

Source: County Development Planning Officer- Murang'a (2013)

CHAPTER TWO:

2 County Development Analysis

2.0 Introduction

This chapter discusses at length the major development challenges facing the County. It further highlights cross cutting issues such as population growth, poverty, environment, HIV and AIDS, gender etc. A SWOT analysis of each cross cutting issues is also provided. Finally a detailed matrix giving an analysis of major development issues, their causes, objectives and the proposed strategies and targets are discussed.

2.2 Major Development Challenges

This section addresses the major medium term and short-term development challenges that the county has to address in order to achieve sustainable economic growth and poverty reduction through more effective management of the development resources. The development challenges that were identified during the Medium Term Plan II consultative meetings include: Poor physical infrastructure, low productivity in agricultural and livestock, inadequate marketing and storage facilities among others.

2.2.1 Poor Physical Infrastructure

Physical infrastructure is an enabler that facilitates the growth of other sectors. Provision and maintenance of existing physical infrastructure and providing a utility sector (water, sewerage and electricity) contribute to economic and social development of the county. This will assist in addressing the poor state of the county's infrastructure that has been caused by mismanagement, heavy rains and poorly developed terrain and valleys. The current state of infrastructure in the county is a major constraint to improved agriculture production and marketing and has contributed greatly to rising levels of poverty. The county has poor and inadequate road network which is sometimes impassable. Delivery of horticultural crops, milk and tea leaves to markets and factories are affected during the rainy season by poor road network. The energy supply is also inadequate. There is therefore need for enhancing infrastructural development and accelerating the speed of completion of infrastructure programmes and projects so as to ensure that they play a catalytic role in county's development. Once this is done, the county residents will greatly benefit in marketing of their produce and in starting agro-processing industries and other economic activities.

The Constituency Roads committees, Kenya Power and Lighting Company and the local authorities will be expected to give priority to increasing the efficiency and quality of the existing infrastructural facilities through routine maintenance and expansion of the existing physical infrastructure. In the energy sub-sector, wood fuel accounts for approximately 80per cent of the County energy source while rural electricity accounts for only 13per cent. Priority in the sub sector will therefore be on shifting the pattern of consumption towards the renewable sources of energy such as hydro, solar and wind in order to enhance environmental protection. Rural electrification requires to be intensified to increase access of electricity as an alternative source of energy in the county.

2.2.2. Poor Marketing Systems

Poor agricultural marketing systems greatly contribute to the low incomes farmers receive for their produce in the county. Middlemen take advantage of the poor marketing channels to exploit farmers. Liberalization of the dairy sector in the 1990s resulted in many cooperative societies collapsing because the restructuring was done without due regard to capacity of the cooperative societies to compete in the open market. A number of cooperative societies have also undergone long periods of mismanagement. A number of farmers produce poultry and horticultural produce but lack proper and organized marketing. Deliberate efforts will be undertaken to organize farmers into effective marketing groups in order to minimize exploitation by middlemen and maximize on the gains from these ventures.

2.2.3. Low Productivity in Agriculture and Livestock

Over 80per cent of the households in the county depend on agriculture and related activities. The main challenges are that agricultural land is limited and the supply of farm inputs is irregular particularly for non-cash crop growers who are not members of cooperative societies. Prices of the inputs are high and the distribution not well coordinated. Shortages of inputs lead to low productivity in maize, beans, Irish potatoes and cabbages. These being the main staple food crops in the county the socio-economic welfare of the populace are affected since there is always a shortage of these commodities.

Cattle fodder is in short supply due to inadequate rainfall and also because land is scarce. Manufactured feeds for cattle and poultry are too expensive for farmers and this affects the county economy.

2.2.4 Food Insecurity

Murang'a County is food insecure in terms of staple food and sometimes relies on relief food supplies especially in areas at the lower side of the county like Makuyu, Kambiti, Maragwa ridge, Muthithi, Gaichanjiru, Kakuzi, Ithanga and Githuuri Locations. Food insecurity is attributed to several factors that include: inadequate and unreliable rainfall, poor terrain, small parcels of land, poor soil fertility, poor coverage by extension services, and concentration in growing of cash crops such as coffee, tea, high prices of farm inputs and poor storage facilities.

To address the problem of food insecurity, efforts will be made to enhance extension support services, subsidize farm inputs and discourage further sub-division of land. Small horticulture irrigation projects will be initiated while extension services on food preservation, storage and marketing as well as animal production and health will be intensified. Community members will also be enlightened on the available wealth creation opportunities in the county.

2.2.5 Agriculture and Livestock Diseases and Pests

Murang'a County has been regularly affected by livestock and crop disease outbreaks. Livestock diseases are aggravated by movement of livestock from Isiolo and Marsabit counties to Machakos County. Diseases such as foot and mouth and anthrax have affected and led to deaths of livestock and people in the county. The veterinary sub sector has been carrying out vaccination campaigns and community sensitization to address the problem. The common crop diseases and pests include coffee berry diseases, bollworm, army worms and cassava mosaic. The agriculture and livestock development subsectors have been carrying out extension services to advice farmers on preventive mechanisms and best crop practices. There are also private agro vets that have been sensitizing

farmers as well as dispensing agrochemicals to them. Since Murang'a is predominantly an agricultural county, more efforts need to be directed towards addressing these challenges.

2.2.6 Ineffective Coordination of Projects/ Programmes

There is lack of integration in the implementation of most programmes and projects in the county. Currently most sector programmes are planned and implemented independently leading to uncoordinated project implementation and wastage of scarce resources. In addition, the devolved funds programmes fall under different acts of parliament - e.g. the CDF Act, the Local Government Act among others - making project implementation and coordination less efficient in achieving the stated objectives. There is need to ensure harmony in implementation of various projects and programmes. In the new constitutional dispensation, it is hoped that implementation of development programmes and projects at the county level will be streamlined.

2.3 Cross-cutting Issues

The cross-cutting issues in the county include: disaster management, environment conservation and management, gender, the youth, persons with disabilities and Climate change.

2.3.1 Gender

Gender disparities are minimal in primary and secondary education where enrolments are 50per cent for both boys and girls. Women have been discriminated against when it comes to access to ownership of property and finances.

Gender concerns have implications on economic growth and poverty reduction. During the formulation of both sector and sub-sector goals, gender concerns are integrated as there is proof to show that for 80per cent of women constitute the agricultural workforce but only a small per centage of them hold title deeds to land. This imposes a great constraint on their ability to make major land-related investment decisions including obtaining credit using title deeds as collateral. Gender inequality in ownership and access to productive assets are addressed through the youth and women developments funds and new policy and affirmative action that requires 30per cent of employment positions in the county be reserved for women.

Strategies adopted in this county profile will ensure that both women and men are effectively integrated in the development process at all levels and adopt a gender responsive approach to planning and implementation of development activities. The process should engage more women as they constitute 51per cent of the county's population and they constitute the majority of labour force in the productive as well as the subsistence sectors of the economy.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> Availability of women empowerment programmes e.g. Women Enterprise Fund, KWFT, <i>Maendeleo ya wanawake</i> groups; Adult literacy education programmes; Fairly high literacy 	<ul style="list-style-type: none"> Inadequate extension staff; Presence of many micro credit advisors who exploit savings and credit groups; Poor communication in some parts of the county; Lack of staff in most constituencies; Dependency syndrome amongst 	<ul style="list-style-type: none"> Engaging adult literacy teachers as Social Development Assistants alongside their duties to correct the problem of staffing; Willingness of donor agencies to support the Department of Gender and Social Development with resources to capacity build the communities for self- 	<ul style="list-style-type: none"> Duplication of projects as various communities start projects through devolved funding without proper technical advice from relevant departments; Negative cultural practices (through joining of illegal groupings by the youth);

Strengths	Weaknesses	Opportunities	Threats
level for women; Existence of Department of Gender and Social Development.	community members especially in community service projects e.g. water, dispensaries , schools etc; <ul style="list-style-type: none"> Lack of representation of women in major forums and county committees and development forums; Women lack collateral for credit. 	reliance; <ul style="list-style-type: none"> 30% participation on committees and employment opportunities rule; The constitutional provisions on gender equity. 	<ul style="list-style-type: none"> Marginalization of the boy child; Entrenched cultural practices that do not favour women empowerment.

2.3.2 Poverty

The county has high poverty levels which according to the 2005/2006 Kenya Integrated Household Budget Survey, about 36 per cent of the population live below the poverty line. The poor are not able to access the basic necessities of life such as food, shelter and education. The food poor constitute 36 per cent of the population with the vulnerable groups that is hardest hit by poverty being women, the unemployed youth, widows and orphans, neglected retired old people, the street children and those living in the marginal areas of the county.

Poverty in the county manifests itself in many ways including inaccessibility to health services, food insecurity, inadequate potable water, lack of good and proper clothing, inaccessibility to proper education and landlessness. The main causes of poverty in the county include the poor physical infrastructure that increases the cost of accessing and marketing of agricultural produce; and low returns from coffee, tea and milk which make it difficult for most of the agricultural community to meet their basic needs. Other causes include: lack of industries; stringent collateral requirements and high interest rates by banks; high prices of farm inputs resulting in low application by farmers; collapse of the major cooperative societies and exploitation of farmers by middlemen.

The county contribution to national poverty is 0.8per cent. Efforts will therefore be made to reduce poverty through the various sectoral policies, strategies and programmes including interventions to address environmental protection.

Strengths	Weaknesses	Opportunities	Threats
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<ul style="list-style-type: none"> • Available natural resources; • Well educated population; • A good entrepreneurial culture; • Availability of high potential land for Agriculture and Livestock farming; • Strong cooperative movement; • Existence of government agencies at the local level; • Availability of social support services from the government e.g. CKDAP, MDG. 	<ul style="list-style-type: none"> • Underdeveloped physical infrastructure; • Exploitative type of culture; • Reluctance of people to take loans from credit institutions; • Extortion from illegal group; • Involvement of the youth in illegal activities; • Most of the county is semi-arid; • Limited water for irrigation agriculture; • Rampant wrangles within the cooperative movement; • Lack of access to credit; • Poor farming methods. 	<ul style="list-style-type: none"> • Existence of development partners; • Existence of credit institutions; • Existence of youth and women enterprise fund at the constituency level; • Existence of marketing institutions for both agriculture and livestock; • Presence of Poverty alleviation projects e.g. CKDAP, <i>Njaa Marufuku</i>, MDGs. 	<ul style="list-style-type: none"> • Negative cultural practices; • Rampant destruction of the environment; • Wrangles within the cooperative movement; • Poor priority setting for CDF activities; • Land fragmentation; • Poor adoption of modern methods of farming; • Pollution and over-use of available water resources; • Illegal groupings; • Existence of a number of development agencies; • Availability of credit institutions; • Existence of devolved resources.
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2.3.3 Disaster Risk Reduction

The major disasters experienced in Murang'a County include: landslides, drought and famine, accidents related to quarrying, frost, human-wildlife conflict, water pollution, forest fires among others. It's therefore important to mainstream disaster risk reduction DRR in the county development planning to help reduce risks, mitigate prepare for and respond to both natural and man-made disasters.

To mitigate on losses due to landslides the government of Kenya through the meteorological department has established a radio station (Kangema FM) which broadcasts in the local dialect to warn communities living in the area whenever there is an imminent landslide. Poor households were also issued with small radios. To mitigate on the deforestation the government through Kenya Forest Service has introduced licences for cutting and transportation of trees. Non –governmental organisations, donors, community bases organisations etc with interest in environmental conservation have come out to educate communities on the importance of conserving the environment. For example, the government through the Millennium Development Goals is implementing schools greening programme. CDF has also been financing tree nursery programmes to boost forest cover in each constituency. The ministry of agriculture is encouraging farmers in the county to grow high value traditional drought resistance crops e.g. cassava, sweet potatoes, sorghum to ensure food security during dry seasons.

The government through National Environment Management Authority (NEMA) has put up measures to reduce disasters in the quarrying sites through introduction of permits, regular site visits and public education. Some rivers in the county especially those near urban centres and markets are polluted due to poorly managed sewerage and drainage systems. This usually leads to diseases and environmental degradation. NEMA and the ministry of public health and sanitation has been sensitising the public on proper waste treatment and discharge

To curb human-wildlife conflict, the government through the Kenya Wildlife Service has erected a life fence along the Aberdare ranges to control wild animals from moving out of the forests.

Strength	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Existence of management authorities that regulate various activities in the county (E.g. NEMA, KWS, KFS, Local authorities, WARMA); • Availability of government officers who can be trained to mainstream DRR into development activities; • Existence of early warning mechanisms by the government officers e.g. Agriculture, water; • Existence of Radio broadcasting services in the hands of the community e.g. Kangema F.M disaster reports; • Most schools have clubs 	<ul style="list-style-type: none"> • Inadequate specific institutions handling disasters; • Inadequate & unreliable funding to management authorities; • Lack of comprehensive legislation enveloping all sectors; • Unreliability of the provided information; • Commercialization of broadcasting services and diversion of intended purposes for commercial gains; • Ignorance from the community on warnings; • Lack of DRR in school curricula; • Poor enforcement mechanisms; • Looting by volunteers/ 	<ul style="list-style-type: none"> • Existence of the current government structures-Room for capacity building on requirements of DRR during planning and implementation stages; • Presence and persistence of disasters/hazards creates a common ground for legislators' willingness to enact relevant legislation supporting DRR; • Room for voluntarism from the community members; • Existence of radio stations broadcasting in local dialect to warn on disaster; • Incorporate DRR into learning curricula; • CBO's & FBO's can be able to organize trainings on DRR to the community; • Existence of numerous water sources to undertake irrigation; 	<ul style="list-style-type: none"> • Poor enforcement mechanisms; • Conflicts between implementing authorities (E.g. KeRRA in conflict with NEMA & KFS); • Lack of political goodwill; • The magnitude of the disaster may overwhelm the capacity and personnel thereby compounding the felony; • Ignorance on the part of the affected; • Cultural beliefs; • Inadequate resources; • Abuse of broadcasting services fuelling conflict; • Crop pests

<ul style="list-style-type: none"> • &societies that inculcate DRR e.g. scouts & red cross clubs; • Local non state actors & private sector with disaster management equipment e.g. Red cross & G4S; • Availability of devolved emergency kitty e.g CDF. 	<ul style="list-style-type: none"> community members during disasters; • Inadequate training by volunteers; • Small parcels of land. 	<ul style="list-style-type: none"> • Existing facilities can be expanded to accommodate most DRR issues; • Existence of devolved funding to fund income generating activities; • Existence of financial institutions availing loans affordable to the community e.g. SACCOs; • Reduction of disaster effects through voluntarism; • Community reception on DRR process. 	<ul style="list-style-type: none"> &diseases; • Prolonged Drought; • Over reliance on cash crops threatening food security; • Inadequate sensitization of community living near disaster prone areas.
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2.3.4 Youth

The youth are defined as those aged between 18 and 35 years. This is the productive age group and represents 46per cent of the total population in the county. There are deliberate efforts to include the youth in decision making processes and now the youth are represented in all devolved funds committees. Under the Ministry of Youth Affairs and Sports, the government had embarked on revival of youth polytechnics and initiated the Youth Enterprise Fund where the youth can access loans at interest rates lower than the prevailing market rates. However most of youth are yet to benefit from this fund because of their inability to meet the requirements set to access loans from the Constituency Youth Enterprise Scheme Fund.

The youth are also faced with lack of entrepreneurial skills that can help them access money from financial institutions because of lack of proper training and business skills exposure. A lot of the youth have concentrated on acquiring basic ICT skills at the expense of other skills thus crowding this market.

Other challenges faced by the youth include drug abuse and consumption of illicit brews. This has affected performance of the youth both in schools and outside schools. It has also made them fail to engage in economic activities such as agriculture. Social disorder and moral decay are the end products of this and it further exposes the youth to HIV/AIDS.

The youth are also involved in illegal groupings that have been causing mayhem in the county and in other neighbouring counties. The youth do not like participating in agricultural activities and prefer instead to engage in other activities that promise quick returns.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Government's Special 	<ul style="list-style-type: none"> • Poor disbursement 	<ul style="list-style-type: none"> • Presence of 	<ul style="list-style-type: none"> • High levels of

Strengths	Weaknesses	Opportunities	Threats
funds for the youth; Receptive youth; <ul style="list-style-type: none"> • Specific ministry for the Youth affairs; • Presence of youth empowerment resource centres. 	of the Youth enterprise fund; <ul style="list-style-type: none"> • Unorganized youth groups; • Lack of patience among the youth group members; • Inadequate data on existing youth groups; • Negative attitude to work. 	Political will to develop the youth potential; <ul style="list-style-type: none"> • Devolved funds; • Youth Enterprise Fund; • Under-utilized agricultural potentials. 	unemployment among the youth; <ul style="list-style-type: none"> • Organized illegal groups; • Rampant drug and substance abuse among the youth; • HIV and AIDS scourge among the youths.

2.3.5 HIV and AIDS

HIV and AIDS pandemic poses a serious threat to the development of the county as the prevalence rate stands at 3.7 per cent. The scourge is on the increase virtually in all the constituencies of the county. AIDS related deaths are common and those mainly affected are those within the productive age group of 15-49 years of age. Also, the number of HIV/AIDS orphans is on the increase.

Poverty is viewed as a major cause and consequence of HIV/AIDS. Poverty increases vulnerability of people with HIV, hence there is need to redirect resources towards support services to poor households. The situation is further aggravated by the fact that HIV/AIDS mostly affects people in the productive age leaving minors and the elderly people to take care of households. Progressive gains on poverty reduction may be reversed if concerted efforts are not urgently put in place to bring the HIV/AIDS pandemic under control.

The majority of new HIV infections are transmitted through unprotected sex and drug abuse particularly consumption of illicit brews which is rampant in the county. The most affected are those with untreated sexually transmitted diseases. Programs designed to slow the spread of HIV therefore need to focus on reducing transmission through sexual contact.

HIV/AIDS in the county is also linked to peer pressure and ignorance of the youth based on age and sex distribution and commercial sex due to economic hardships. For HIV/AIDS prevention programmes to succeed, special attention will be directed to these factors.

HIV/AIDS has led to declining productivity of the labour force due to increase in morbidity and mortality and rise in medical expenses, loss of man hours and employment. It has also led to psychological and physical stress due to uncertainty of the future, stigmatization, emotional stress and depression of families left behind. Programmes geared towards encouraging people to attend voluntary counselling and testing will be undertaken as well as encouraging sector collaboration in programmes and activities directed towards reducing the spread of the virus the activities include PMCT and ART services.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Availability of 	<ul style="list-style-type: none"> • Limited financial 	<ul style="list-style-type: none"> • Existence of other 	<ul style="list-style-type: none"> • Increased spread of

Strengths	Weaknesses	Opportunities	Threats
<p>trained personnel;</p> <ul style="list-style-type: none"> Increased awareness on basic preventive measures of health; Existence of support institutions e.g. NGOs and CBOs; Improved supply of drugs; Mainstreaming of the fight against HIV and AIDS in all sectors; Presence of strong NACC structures in the county CTC, CACCs; Improved financial support from government and other non-governmental institutions; Highly aware and proactive public. 	<p>resources to carry out mobile VCT;</p> <ul style="list-style-type: none"> Limited staff in the health institution and for extension services; Inadequate funding of anti-HIV/AIDS programmes; Weak M& E systems and capacities; Poorly staffed VCT centres; Limited Comprehensive care centres; Lack of statistical data on PLWHAs & OVCs in the County; Few Sub-ACUs implementing work place policy on HIV/AIDS. 	<p>institutions in the health sector;</p> <ul style="list-style-type: none"> Existence of good physical infrastructure; Awareness of health issues; Supportive political environment; Mobile VCT/PMCT services; Existence of people living positively with HIV and AIDS; Anti-HIV & AIDS programs such as BCC, TOWA, APHIA Plus; Training and capacity building; Cash Transfer Support Programme for OVCs; Existence of Home Based Care programmes. 	<p>drug resistant strains;</p> <ul style="list-style-type: none"> High rural and urban poverty leading to a rise in high risk behaviour e.g. prostitution; Anti-reform religious and cultural practices; Unwillingness to adopt safer sexual behavior; High levels of stigmatization.

2.3.6 Information Communication Technology

ICT is a powerful enabler of development goals due to its unique characteristics to dramatically improve communication and exchange of information and also to strengthen and create new economic and social networks. It is thus very evident that ICT, when well harnessed and focused, has the potential to bring in multiple benefits in the areas of governance, integration of all areas of

the economy, development of rural areas and productive improvement thus promoting the livelihoods of the entire population and alleviating poverty.

Business Process Outsourcing has been identified as a key sector under the Economic Pillar of the Kenya Vision 2030. The Vision for the BPO sector is for the country to be “the top off shoring destination in Africa.” It is also expected to become the sector of choice for employment for youth and young professionals. This calls for the county to move quickly to establish the necessary capacity in this sector.

The county recognizes information communication technology as a growth sector that has immense potential for unlocking many opportunities in business, education, agriculture, industry and security. The county has been linked with fibre optic cable where by some of the government offices have been connected through internet. This has led to the operationalization of e-conferencing at the county headquarters and more offices are expected to be connected. The development of this sector will play a crucial role in opening opportunities in business and commerce in the county through easy access to the market information. The County will endeavour to ensure enhancement and expansion of ICT.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • The availability of an ICT policy; • Existence of several ICT outlets; • Private sector support through training and investment; • Extensive mobile network coverage; • Availability of telecom exchange and landline; • High number of cyber cafes; • Existence of ICT infrastructure; • Large youthful population that has embraced the use of ICT. 	<ul style="list-style-type: none"> • Limited financial support to the sector; • Many have not differentiated passive use of ICT and profitable use of the same; • Expensive to access and use information through the internet; • Training on ICT is still low; • There are limited ICT training institutions; • Limited awareness on the importance of ICT in day –to-day’s life; • Inadequate computers in most government departments; 	<ul style="list-style-type: none"> • The laying of fibre optic cables is expected to improve on efficiency and reduce cost; • Existence of training institutions in the county; • Large market of users; • Competitive companies. 	<ul style="list-style-type: none"> • Negative use of ICT; • Security and theft through the internet & Associated cybercrimes; • High cost of ICT equipment.

	<ul style="list-style-type: none"> Lack of qualified ICT experts. 		
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2.3.7 Security

Security is paramount for peace, law and order to prevail and is conducive for development and investment. It determines how much investment the county will attract and hence the level of economic development. The county is faced with an enormous task due to insecurity especially with the outlawed groups. Despite this challenge, the county has an effective security system, well-endowed resources such as the police stations, police posts, police patrol bases, and Administration Police camps, which are well distributed across the county. With the introduction of community policing, the county has a vibrant community policing unit in all the constituencies.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> Well trained personnel; Availability of security institutions e.g. police post and AP camps; Fund for construction of police post and AP camps by CDF; Functional District Security Committee; Community policing. 	<ul style="list-style-type: none"> Inadequate personnel; Limited community participation in community policing; Inadequate Vehicles and other equipments to track the criminals. 	<ul style="list-style-type: none"> Introduction of community policing; Collaboration with other agencies in tackling insecurity; Addressing insecurity by looking at the “wider picture” such as poverty reduction and employment creation initiatives. 	<ul style="list-style-type: none"> Increased use of ICT in economic and other crimes; Failure to disclose information by the community; Population growth without commensurate increase in employment; Increased sophistication of crimes.

2.3.8 Climate Change

Climate change refers to the significant variation of expected average weather conditions of a given location as observed over a period of at least 30 years. Climate change is caused by emissions of Green House Gases (GHGs) into the atmosphere through natural causes and human induced activities.

Climate change is a reality in Murang’a County and a common phenomenon leading to massive losses across sectors. Some of the adverse effects of climate change experienced in the county include: variation in weather patterns with low rainfall and failed seasons; severe famine and hunger causing food insecurity especially in the ASALs regions like Kambiti, Maragwa Ridge; loss of

biodiversity especially at the ecosystems which are fragile like the African elephant (*Loxodonta Africana*) found at Aberdares that is threatened due to destruction of its habitat and breeding grounds in the forest; and resource use conflicts where Wildlife stray from protected areas to farms in search of water and forage e.g. at Kaseve hills in Murang'a South where there is conflict between the local peoples and monkeys.

There is need for Murang'a County to make the necessary adjustments and prepare to cope with effects of climate change and mitigation effects. Most of the disasters in the county are experienced as a result of extreme weather conditions.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> Existence of the metrological department with equipment in the region; Existence of the ministry of special programmes; Existence of disaster management committees and environment committees that address issues on climate change. 	<ul style="list-style-type: none"> Lack of early warning system; Poor facilitation of environment and disaster management committees; Lack of climate change experts at county level; Unreliable data; Inappropriate industrial and farming practices locally and globally. 	<ul style="list-style-type: none"> Capacity to diversify from rain fed agriculture to irrigated agriculture; Monetary gain for farmers in carbon trading; Receptive community in taking up tree planting initiatives. 	<ul style="list-style-type: none"> Competing development priorities for decision makers; Adverse weather conditions; Negative Human activities;

2.3.9 Environmental Conservation and management

Environmental conservation and management is important to county development. The county will strive to ensure that the populace live in a clean, secure and sustainable environment, increased forest cover; reduction of environment-related diseases; promoting environmental conservation; improving pollution and waste management; promoting public-Private partnership improve water and sanitation delivery. Specific strategies include promoting environmental conservation, improvement of pollution and waste management, public-private sector partnerships in environmental issues, improving efficiency in water and sanitation, delivery and promotion of disaster preparedness in the county.

Environmental conservation and management is a county priority as we focus on the concept of sustainable development. It is important to note that saving the environment, environmental protection and long term economic growth are both complementary and mutually dependent.

Strength	Weaknesses	Opportunities	Threats
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<ul style="list-style-type: none"> • Strong Forest Act NO. 7 of 2005; • Existence of NEMA and formation of Sub county environment committee (SCEC); • A developed Culture of tree planting in the county; • Professionals and technical staff available; • High Public awareness; • Change of attitude; • Involvement of community, Private sector and other stakeholders participation; • Introduction of community forest users group through participatory forest management; • Existing Environment Management and Coordination Act and structures at the county and local levels. 	<ul style="list-style-type: none"> • Inadequate funds; • Shortage of staff; • Limited training opportunities; • Farmers intruding to the riparian zones; • Weak community monitoring of environmental management activities; • Weak enforcement of both NEMA and Forest Acts; • Lack of political goodwill. • • 	<ul style="list-style-type: none"> • Draft forest policy Session paper No. 9 of 2005; • Community Private and other stakeholders involvement; • Availability of land for re-a forestation and rehabilitation; • Promotion of term forestry and extension services; • Promotion of dry-land forestry; • Private sector industrial plantation forest development; • Institutional transformation; • Forest Management planning (Zoning) based the Eco-system approach; • Existence of Development Partners. 	<ul style="list-style-type: none"> • Forest fires; • Game damage to industrial plantation forest; • Pest and disease; • Forest encroachment and excisions; • Soil and water erosion; • Excessive use of polythene papers with poor disposal system.
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2.3.10 Persons with Disabilities

In the past, persons with disabilities have been marginalized in all sectors of development in the county. For a long time, these people have been treated as out-casts who cannot add value to economic and developmental processes. But now national campaigns to recognize the role of persons with disabilities have been initiated so as to give them equal opportunities in all aspects of socio-economic development. A major challenge in the county is that there are only two institutions that take care of needs of children with disabilities. These institutions do not offer the training

required up to secondary and tertiary level requiring the students to go for further education in other counties. Another challenge is lack of data pertaining to persons with disabilities in the county which affects efforts to cater for their needs.

Strengths	Weaknesses	Opportunities	Threats
<ul style="list-style-type: none"> • Organized groups of people with disabilities; • Informed leaders on people with disabilities; • Learning institutions for people with disabilities. 	<ul style="list-style-type: none"> • Poor planning for people with disabilities; Uninformed members of the community on how to deal with people with disabilities; Lack of relevant training programs for the disabled; Inadequate funding for the people with disabilities; • Lack of data for people with disabilities. 	<ul style="list-style-type: none"> • Presence of devolved funds to assist people with disabilities; • Presence of well-wishers who assist when need arises; • Trust fund for people with disabilities. 	<ul style="list-style-type: none"> • Marginalization of people with disabilities; • Negative attitude towards people with disabilities. •

2.4 Potential Strategic Policy Thrusts

This section gives an analysis of development issues, causes, objectives and potential strategic policy thrusts. The development issues are categorised as per the nine MTEF sectors which are summarised in the matrix below.

Analysis of Development Issues, Causes, Objectives and Strategies

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
Agriculture and rural development	Agriculture	<ul style="list-style-type: none"> • Crop husbandry • Plant disease control • Soil and water conservation 	Low agricultural productivity	<ul style="list-style-type: none"> • Low yield of crop production due to diseases and pests infestation; • Frequent drought occurrences; • Poor irrigation methods; • Inadequate funding for irrigation; • High cost of farm inputs. 	To increase food production in the county and hence food security	<ul style="list-style-type: none"> • Educate farmers on good farming techniques and better storage methods; • Utilize available irrigation water efficiently; • Educate farmers on the advantages of using high yielding seed and sourcing for agricultural credit; • Promote 	<ul style="list-style-type: none"> • Revitalize extension services; • Sensitize farmers on use of quality seeds and field days; • Training on post-harvest management; • Promote value addition; • Improve access to credit facilities; • Encourage a forestation; Introduce high yielding planting materials; • Encourage growing of drought resistant/tolerant crops;

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
						contract farming.	<ul style="list-style-type: none"> • Promote use of compost manure on farms; • Operationalize NCPB in Maragwa town; • Encourage farmers to form groups to purchase inputs in bulk; • Subsidize farm inputs or lower their prices; • Increase the acreage under irrigation.
	Livestock development	<ul style="list-style-type: none"> • Animal husbandry • Animal disease control • Livestock sale yards • County abattoirs • Veterinary services • Animal control and welfare. 	<ul style="list-style-type: none"> • Low livestock productivity; • Poor marketing systems for livestock products. 	<ul style="list-style-type: none"> • Low yield of livestock production due to diseases and pests infestation; • Frequent drought occurrences; • High cost of livestock inputs; • High cost of AI services; • Inactive and under developed cooperative societies dealing 	<ul style="list-style-type: none"> • To improve livestock productivity, marketing channels and value addition to livestock products. 	<ul style="list-style-type: none"> • Educate farmers on better livestock farming techniques; • Revival of livestock product cooperative societies; • Initiation of cottage industries for value 	<ul style="list-style-type: none"> • Intensify animal disease surveillance; • Promote value addition; • Revive livestock cooperatives; • Provide affordable livestock farming inputs; • Open up livestock products marketing

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
				with livestock products; • Unorganized livestock market.		addition.	channels.
	Fisheries	Fisheries development services;	Low productivity.	Lack of quality finger lings for breeding.	Increase fish production and hence enhance nutrition value to the community.	Provision of quality fingerlings.	<ul style="list-style-type: none"> • Sensitize fish farmers on proper fish farming techniques; • Provide quality fingerlings to farmers.
	Cooperative development	Regulation of cooperatives .	<ul style="list-style-type: none"> • Poor management ; • Poor marketing of farm produce; • Theft of coffee berries from factories. 	Unethical practices; Short comings of the cooperatives Act.	<ul style="list-style-type: none"> • Revitalize cooperative societies; • Improve management skills; • Enforce cooperative rules and regulations. 	<ul style="list-style-type: none"> • Promotion of commodity marketing group; • Train management on management and value chain skills. 	<ul style="list-style-type: none"> • Organize farmers into marketing groups; • Train the group leaders on management skills; • Community policing to curb theft of coffee cherries; • Suspension of coffee trade in the national coffee auction.
	Lands	• Land surveying and mapping	Uncontrolled subdivision of land.	Poverty and population pressure on land.	Promote economic use of land resources.	• Mitigation on land fragmentation through	• Sensitize community on economic value of land with

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
		<ul style="list-style-type: none"> Boundaries and fencing. 				land boards; <ul style="list-style-type: none"> Enforce land use policies. 	regard to size and use; <ul style="list-style-type: none"> Land board to put limit on the sub-divisible land sizes.
Energy Infrastructure and ICT	Roads	County roads works.	Poor road network	<ul style="list-style-type: none"> Poor and irregular maintenance; Inadequate funding of road maintenance activities. 	Ensure all roads are motorable throughout the year.	Rehabilitation of roads; Repair and maintenance of roads.	<ul style="list-style-type: none"> Pooling of resources; Engagement of relevant stakeholders in road maintenance; Opening up of new and impassable roads.
	Public works	Storm water management systems in built-up areas.	Dilapidated Foot bridges	Negligence by responsible parties; Harsh weather conditions.	Ensure that bridges are safe for use throughout the year.	Rehabilitation and construction of foot bridges across the county.	Pooling of resources and engagement of all stakeholders.
	Transport	Public road transport;	Neglected railway line & stations and Kambirwa air strip.	Non-use of railway system and the air strip.	Improve air, road and rail transport network for both agriculture and commercial activities.	<ul style="list-style-type: none"> Develop Kambirwa air strip; Rehabilitate Mitumbiri, Maragwa and Kandundu 	<ul style="list-style-type: none"> Mobilize resources for the development of air strip; Bring together all stakeholders in railway transport to strategize on

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
						railway stations.	appropriate use resources in the railway system.
	Energy	Electricity and gas reticulation and energy regulation;	Power rationing and outages.	<ul style="list-style-type: none"> • Dilapidated transformers; • Theft and vandalism of transformers; • Frequent and prolonged droughts. 	Ensure constant and reliable power supply in the county.	<ul style="list-style-type: none"> • Regular maintenance and security provision to transformer; • Develop power stations at Ndakaini, Gatara and Irati River water falls. 	<ul style="list-style-type: none"> • Promote and invest in alternative energy such as solar, wind, biogas; • Regular maintenance of power lines and transformers.
	ICT		Under developed information and communication resource centres.	Low investment in the subsector.	Improve and expand ICT facilities to constituency levels.	Expanding fibre optic cables to constituency levels.	Mobilise stakeholders and partners with a view to initiate installation process.
	Urban areas/Town committees.	<ul style="list-style-type: none"> • Traffic and parking; • Street lighting; • Firefighting and disaster management; 	Lack of Firefighting equipment and station, bus parks.	Inadequate finances.	<ul style="list-style-type: none"> • Enhance disaster management response; • Organized transport system in urban centres. 	To have an operational fire stations and bus parks.	Planning and mobilization or resources.

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
		<ul style="list-style-type: none"> • Control of outdoor advertising; • Cemeteries funeral parlours and crematoria; • refuse removal; refuse dumps; • solid waste disposal. 					
General economic, commercial and labour affairs	Trade	<ul style="list-style-type: none"> • Regulation of fair trading practices; • Development of markets; Trade licences; 	Inadequate trade infrastructure.	Inadequate finances.	Ensure developed and operational trade infrastructure.	Fast track setting up of whole and retail outlet in Maragwa.	Mobilizing both government and private sector stakeholders and resources.
	Industrialization		Lack of manufacturing and service industries.	Lack of industrial and entrepreneurial skills.	To have an industrialized county where youths can get employed.	Training on industrial and enterprise skills.	Set up industrial fund, set aside land and initiate industrial research and development institutions.
	Tourism	Promote	Un tapped	Inadequate	To maximize	To create	<ul style="list-style-type: none"> • Mobilization of

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
		local tourism.	tourism potential	resources; Lack of enabling environment.	county revenue through tourism.	enabling environment for the development of tourism industry.	stakeholders and resources; <ul style="list-style-type: none"> • Sensitize community and other stakeholders on the need to develop and nurture tourism industry; • Promote water sports; • Initiate public-private partnerships in the tourism industry.
	Labour		Lack of industrial court to arbitrate high labour disputes.	No industrial court in the county.	Ensure labour disputes don't affect economic activities in the county.	Establishment of an industrial court at the county level.	Mobilization of resources and establishment of a labour tribunal.

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
Governance , justice, law and order	Provincial administration and internal security.		<ul style="list-style-type: none"> Inadequate police posts and security staff, inadequate offices and housing for provincial administrator. 	Inadequate funding; Inadequate staffing.	To ensure security, law and order in the county are maintained.	To construct and operationalize police posts, provincial administration offices and housing.	Mobilize resources, construction of police posts, offices and houses, recruitment of security staff.
			Insecurity.	<ul style="list-style-type: none"> High unemployment; High Poverty levels; Inadequate security personnel; Illicit Brews and drug abuse; Poor land tenure system. 	Protection and maintenance of citizens rights;	Infrastructure improvement; Increase the security personnel; Intensify patrols.	Intensify community policing; Sensitize members of the public to have confidence in the security machinery.
	Immigration and registration of persons.		Lack of awareness on civil registration exercise by the county residents.	Ignorance and lack of sensitization.	Ensure residents have birth certificates and all deaths are registered.	Ensure that all births and deaths are registered.	Mass sensitization of the public on civil registration activities; Introduction of mobile registration centres.
Environmental protection, water and	Environment	<ul style="list-style-type: none"> Forestry; Control of air and 	Environmental degradation.	<ul style="list-style-type: none"> Poor farming methods leading to soil erosion 	To stop environmental degradation.	<ul style="list-style-type: none"> Increase the area under forest cover; 	<ul style="list-style-type: none"> Promote community tree nurseries;

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
housing		noise pollution; • control of public nuisances.		and Leaching; • Deforestation; • Quarrying and Sand harvesting; • Poor drainage; • Overgrazing; • Poor soil conservation methods; River pollution.		<ul style="list-style-type: none"> • To involve people living around the forest in forest conservation; • Sealing of quarries; • Intensify soil conservation methods; • Improve farming methods; • Improve drainage systems. 	<ul style="list-style-type: none"> • Encourage Formation of community forest conservation committees along forests; • Promotion of soil conservation initiatives; • Protection of water catchments areas; • Control air pollution e.g. tea and other smoke emitting factories, noise in towns and urban areas, etc; • Construction of hospital incinerators.
	Water and irrigation	Water and sanitation services	Inadequate water supply.	<ul style="list-style-type: none"> • Increased demand for domestic and irrigation water; • Insufficient water for irrigation; • Decreasing levels of water in the rivers; 	<ul style="list-style-type: none"> • Improve access to clean and safe water for domestic use and irrigation; • Improve efficiency in the use of irrigation 	<ul style="list-style-type: none"> • Increase access to clean and safe domestic water; • Train residence on roof 	<ul style="list-style-type: none"> • Train water users groups on management and conflict resolution; • Development of wells and springs; • Training on

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
				<ul style="list-style-type: none"> • High cost of developing gravity schemes and bore holes. 	water.	harvesting technology; <ul style="list-style-type: none"> • Provision of adequate and reliable water; • Conservation of catchments areas. 	water harvesting technology; <ul style="list-style-type: none"> • Rehabilitate stalled and start new water projects; • Minimise wastage of water by using appropriate technology; • Construction of new irrigation systems; • Construction of water recycling plants in major towns; • Promote standard car wash techniques that save on water such as use of steam jets.
Health	Health	<ul style="list-style-type: none"> • Health facilities and pharmacies ; • Ambulance services; 	<ul style="list-style-type: none"> • Inadequate access to quality Health care services. 	<ul style="list-style-type: none"> • Poorly equipped health facilities; • High incidences of human disease; • Inadequate health facilities; 	<ul style="list-style-type: none"> • To have a healthy community for accelerated economic growth hence economic 	<ul style="list-style-type: none"> • To Intensify community health education; • Equipped health facilities and 	<ul style="list-style-type: none"> • Provide adequate health facilities; • Equip all health facilities with modern equipment and

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
		Promote primary health; Licensing and control of sale of food to the public;		<ul style="list-style-type: none"> • Inadequate health education; • Inadequate health personnel. 	development.	trained personnel.	<ul style="list-style-type: none"> • drugs; • Promote preventive health services; • Increase training for community health workers; • Rehabilitate and upgrade the existing health facilities and put up new ones.
Education	Education	<ul style="list-style-type: none"> • Pre-primary education; • village polytechnics; • Home craft centres; • libraries. 	Declining education standards.	<ul style="list-style-type: none"> • Inadequate education facilities; • Under developed education infrastructure; • Child labour in the coffee and tea zones; • Poor role modelling from illegal groups; • Lack of motivation among staff; • High dropout rates; • Understaffing; • Apathy on education; • Negative attitude 	<ul style="list-style-type: none"> • Improve quality of education offered in the county; • Increase access to primary and secondary levels; • Increase access to tertiary colleges and youth polytechnic; • Strengthening adult education. • 	<ul style="list-style-type: none"> • Increase the number of schools (primary and secondary, tertiary colleges, youth polytechnics , and adult education learning centres). • 	<ul style="list-style-type: none"> • Improve existing physical facilities; • Form educational task forces in the constituencies; • Sensitization on the need for getting good education; • Improve disbursement of bursaries to needy children; • Reduce the staff to pupil ratio; • Encourage holding of educational

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
				towards education.			stakeholders meeting; • Depoliticize education.
Public administration, and international relations	Planning and Finance	County planning; Statistics.	Inadequate office space, logistics problems and low staffing.	Adequate resource allocation.	To provide conducive work environment.	To provide conducive work environment.	Mobilization of resources; Construction of offices; Recruitment of staff.
Social protection, culture and recreation.	Youth affairs and sports;	<ul style="list-style-type: none"> • Sports and cultural activities and facilities; • Museums; • cultural activities; • Public entertainment; • public amenities. 	Un employment, drug and substance abuse, illegal sects.	<ul style="list-style-type: none"> • Lack of organized labour market; • Lack of skills required in the job market; • Peer pressure and idleness. 	<ul style="list-style-type: none"> • Creation of employment opportunities for the youth; • Ensure a drug free society where youth potential has been maximized. 	<ul style="list-style-type: none"> • Ensure labour market is organized and structured to cope with increasing demand for jobs; • To Revitalize industrial sub sector, in order to create jobs for the youth. 	<ul style="list-style-type: none"> • Redesigning youth programmes and projects; • Improve financial accessibility to youths who wish to acquire skills and venture into business; • Establishment of rehabilitation centre for drug abuse victims.
	Gender children and social	Childcare facilities.	Gender inequalities in resource	Outdated cultural beliefs and practices.	To have a county where men and women	• To ensure that all positions in	• Sensitization of the community on gender

County Development Issues, Causes, Objectives and Strategies							
MTEF Sector	Sub-Sector	Link to County Functions	Issues/ Problems	Causes	Development Objectives	Immediate Objective	Potential Strategic Policy Thrusts
	development.		allocations and leadership.		have equal rights.	the county have one third gender representation; <ul style="list-style-type: none"> To ensure that resource allocation in the county are evenly distributed. 	issues; <ul style="list-style-type: none"> Empowerment of women to take up leadership positions.
	Special programmes		HIV and AIDS scourge; IDPs.	Poverty; Unemployment; Land/resource ownership disputes.	To have an HIV and AIDS free and food secure county.	<ul style="list-style-type: none"> Reduce HIV and AIDS prevalence rate; Integration of IDPS in the community. 	<ul style="list-style-type: none"> Intensify sensitization campaigns on HIV/AIDS; Increase the uptake of ARV in the county; Promotion of PMCT; Sensitize community on resource sharing.

CHAPTER THREE:

3 County Spatial Framework

3.1 Introduction

Pursuant to section 38 of the Cities and Urban Areas Act, A city or urban area shall prepare an integrated city or urban area municipal development plan consisting of an assessment of the current social, cultural, economic and environmental situation in its area of jurisdiction; a determination of community needs, aligning them to the requirements of the Constitution; protection and promotion of the interests and rights of minorities and marginalized groups and communities; a shared vision for its development and that of the county as a whole; an audit of available resources, skills and capacities; prioritization of the identified needs in order of urgency and long-term importance; and integrated frameworks and goals to meet the identified needs; Section 37 prescribes that a city or urban area integrated development plan shall be aligned to the development plans and strategies of the county governments. This chapter presents a spatial plan for the county. It presents the necessary coordination between the various sectors.

3.2 Spatial Planning

Kenya's national goal is to attain rapid and sustained economic growth and development in all regions of the country. This is well stated in the key policy documents namely: the Economic strategy for Employment and Wealth Creation, Poverty Reduction Strategy Paper, the National Development Plan and Kenya vision 2030 blue print. The policy documents have also been done with appropriate regard to the Millennium Development Goals (MDG).

To put into effect this desired goal the government has put in place a number of programmes including the direction of financial resources to the counties through: the Constituency Development Fund, the Roads Development Fund, the Local Authorities Transfer Fund (LATF), and Education Bursary Fund and now the Commission for Revenue Allocation etc.

There are also a number of development agencies undertaking diverse activities in the county i.e. government line ministries, quasi-government development agencies, NGOs, CBOs, FBOs and private investors. But without an appropriate spatial frame for coordinating the activities of these agencies projects may be planned and implemented by each agency on its own assessment of local needs with little concern for the development planning framework or public participation. In this way, material resources will be wasted and facilities will operate at less than their maximum effectiveness and unnecessary costs will be incurred in the provision of infrastructural facilities and services because economic planning may be mainly sectoral and not incorporate sufficiently the spatial aspects of development at the national, regional and local levels.

Spatial planning has become urgent in Kenya especially within the context of paradigm shift from district based funding towards county development funding. County spatial planning can help step down global and national development policies to become relevant at the local level. It can also help in linking economic planning (budgets) to spatial planning which has been identified as the major cause of underdevelopment in the country despite massive investments over the years. Experience from Nyandarua, Mombasa Mainland South/Kwale and Kisumu/Nyando has shown that spatial

planning will be a useful tool in setting development priorities of a region and coordinating implementation of these priorities amongst a multiplicity of actors.

The Muranga County Spatial Plan will provide the needed overall integrated spatial framework for coordinating the various development efforts by different agencies so as to have sustainable development within the county.

Objectives of county spatial planning include:

- (i) To identify the spatial distribution of the resources within the county, their level of utilization and potential;
- (ii) To assess the existing infrastructure their current conditions, capacity and projected demand;
- (iii) To identify fragile ecosystems and suggest intervention measures for their protection and conservation;
- (iv) To investigate human settlement trends and propose an appropriate hierarchy or urban centers that will spur rural development;
- (v) To assess capacity of the existing institutions and organizations and suggest strategies to enhance their performance;
- (vi) To suggest an integrated spatial framework that will guide the sustainable utilization of the regional resources and to bring services closer to the people;
- (vii) Spur rural-urban inter-linkages and hasten economic growth and development; and
- (viii) Suggest priority areas for intervention.

3.3 Human Settlements

A settlement refers to a permanent or temporary community in which people live. It can range from a small number of dwellings grouped together to the largest of cities with the surrounding urbanized areas. An analysis of human settlement patterns in a region is critical in planning terms. The pattern of human settlement in a region is influenced by the population dynamics of that area and the two have an embryonic relationship. Other factors influencing human settlement include soil fertility, availability of productive resources, other natural resources and general production capacity, level of economic development e.g. location of industry and urbanization among others.

Settlements change in size and form and respond to the changing economic and social development needs of the surrounding areas. 11% of the population consisting of 108849 people live in the 513 urban centres in the county while 89% are in the rural areas consisting of 845,111 people.

In Murang'a County, about 40 per cent of the households live in stone/brick walled houses, 24.3 per cent in mud/wood walled houses while 2.19 per cent live in grass straw/tin walled houses. Most housing units in the county are roofed with corrugated iron sheets (94.38 per cent), while *makuti* and grass roof constitute 0.18 per cent of the households. Most of these housing units have earth floor (60.04 per cent), cement floored houses make up 38.85 per cent of the housing units. The county has 1,924 Low Grade, 232 Middle Grade, and 184 High Grade government housing units which are not adequate for the government officers deployed in the county.

3.3.1 Human Settlement Policy

In Kenya, the Human Settlement Policy is espoused in the detailed Human Settlement Strategy of 1978. This strategy is an overall framework for the management of urban growth and location of Physical Development in the urban and rural areas of Kenya so as to develop “a coherent system of human settlement”. Five strategies were outlined to achieve the above:

- The development of service centres;
- The development of growth centres;
- The development of an integrated transportation and communication system;
- Rural Development; and
- The development of appropriate standards for urban infrastructure

The main objectives of the above strategies are:

- To continue to promote the maximum development of the rural areas to improve living standards for the majority of the people;
- To establish a more even geographical spread of urban physical infrastructure in order to promote more balanced economic growth throughout the nation and a more equitable standard of social services between different areas;
- To encourage the expansion of several large towns in addition to Nairobi and Mombasa in order to promote regional growth thereby providing more alternatives for the absorption of the migrant population and the problems arising from excessive concentration in these towns;
- To continue to develop a complementary network of communication so as to improve accessibility between centers of economic and social development;
- To adopt standards of urban infrastructure which more closely relate to what can be afforded by the country as a whole; and
- To continue improving the planning machinery and co-ordination between developmental agencies, which are responsible for planning, decision making, financing, implementing and administering a wide variety of services.

3.3.2 Functions of Human Settlements

Ideally, human settlements perform the following functions:

Service Function: Settlements facilitate the provision of schools, health services, public utilities, commercial banks, co-operatives, administration among other important services. These services not only serve the people in the towns but also those in the surrounding areas.

Economic Function: They also provide employment opportunities e.g. within industries, commercial and the above service functions. They provide market for the local produce, which stimulates the conversion from subsistence to a cash economy. It also creates material advancement in both rural and urban centers through production of manufactured goods.

Residential Function: Human settlements also provide a residential function for people working in non-agricultural employment.

3.3.3 Historical Development of the Region

Muranga County is found within the former Central Province. It represents an area that was originally known as Fort Hall District in colonial times. It was one of the five districts of Central Province. The others were Nyeri, Kiambu, Nyandarua, and Kirinyaga Districts.

Muranga District was sub-divided into locations whose boundaries changed many times during the colonial period. The county composed mainly of land referred to as Kikuyu Reserves in which the Kikuyu were restricted during colonial times. At independence in 1963, the district was renamed Muranga District which consisted of seven divisions namely Gatanga, Kahuro, Kandara, Kangema, Kiharu, Maragwa and Mathioya.

3.4 Situation Analysis

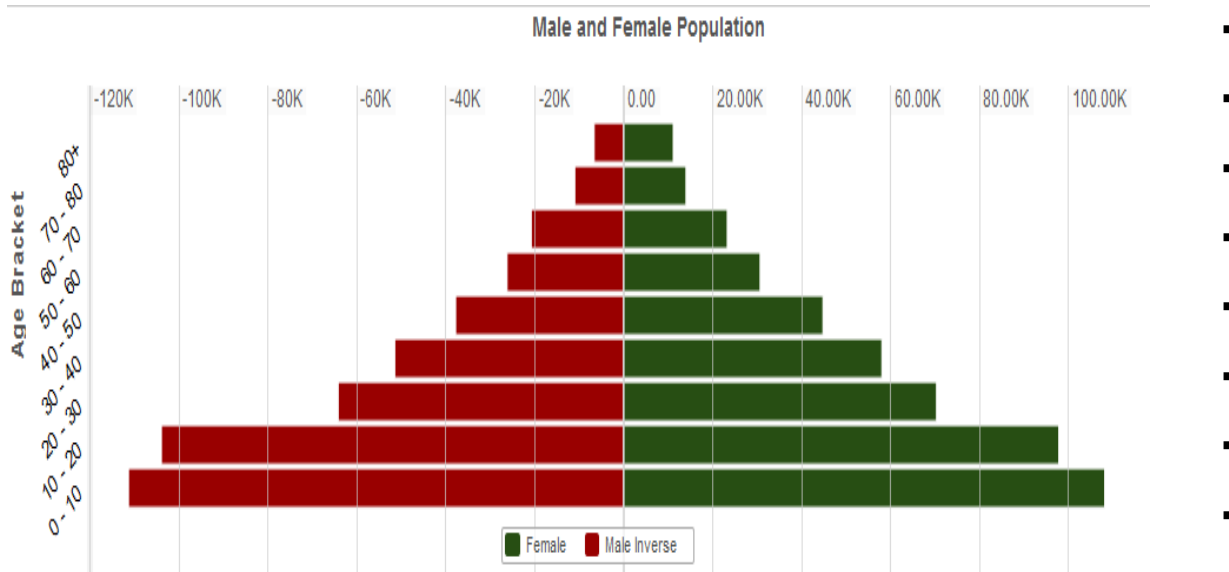
The county is a predominantly agricultural area with coffee, tea and dairying forming the major cash generating farm activities. Electricity coverage is estimated to be approximately 30%. The county has road coverage of 2934.95 kilometres of which 387.5km are bituminized, 1313.1km are graveled and 1234.3km are earth roads. Literacy levels are above 90% and the purchasing power parity stands at 1436US Dollars i.e. an average family of four is able to spend 121 USD per month.

3.4.1 Rural and Urban Settlements

Muranga County displays dense rural settlements in which land subdivision into narrow strips of land are very common. Since most of the county consists of ridges and valleys, land parcels are mostly subdivided in such a way that each parcel has access to a road on one side and a river/stream on the opposite side. Subdivision into sizes that are not agriculturally viable is not uncommon. Some of the subdivisions do not meet the requirements for registration hence are not registered.

There are a total of 513 market centres in the county. Major shopping centers include Kahati, Kahuro, Kandara, Kangari, Kangema, Kamahuha, Kenol, Kigumo, Kiriaini, Kirwara, Makuyu, Maragwa and Saba Saba. 89% of the population in the County is rural based while 11% is urban, thus making agriculture the main economic activity in the county. Under the Urban Areas and Cities Act, 2011, Muranga town which hosts the County Headquarters has been classified as a township while other town centers have been unclassified. Previously three of the centres were classified as towns (Murang'a, Maragwa and Makuyu towns) and three as urban centres (Kabati, Kangari and Kiriaini). There are 18,963 registered traders, both retail and wholesale. The wholesalers mostly deal with consumer and hardware products while retail traders, who are in both rural and urban areas, deal mainly with food products

The population of the town consists mainly of a young population with more than 50% of the people being below the age of 30 years. The population structure is indicated in the following figure



Source: Kenya Open Data

3.4.2 Emerging Issues: Urban Settlements

- Indiscriminate solid waste disposal
- Urban sprawl/ Unplanned settlements
- Inadequate recreational facilities
- Poor road conditions
- Mixed Developments
- Inadequate water supply
- Pollution (land, air, and water)
- Inadequate housing units
- Poor waste water disposal
- Over-reliance on agro-based industries
- Inadequate sanitation facilities e.g. public toilets, waste receptors, waste disposal sites
- Stagnation of urban centres
- There is no strong industrial base
- Inadequate/Lack of public facilities such as cemeteries, health facilities

3.4.3 Possible Solutions

- Planning of the urban centres
- Road improvement
- Upgrading of water supply systems
- Development of housing projects
- Urban renewal

- Development of sewage systems
- Industrial diversification
- Enforcement of by – laws by the County Government
- Provision of sanitation facilities

3.4.4 Functional Roles of Urban Centres

Urban centres are usually hubs of innovations and enterprises. These centres are also sources of employment both in the formal and informal sectors. They also serve as entry and exit points for commodities such as farm produce and consumer goods

3.4.5 Urban-Rural Linkages

Strong urban-rural linkages are vital for the development of any region as they determine the flow of goods and services. These linkages are often aided by a good transportation network and a functional industrial base. Ideally, the rural and urban areas complement one another in spurring development in the region. The rural areas are suppliers of basic foodstuffs and raw materials. The rural areas also offer labour for urban-based activities. There are strong linkages between Muranga Town and other urban centres such as Kangema and Kahuro. Some of the towns especially those located on the Nairobi – Nyeri Highway e.g. Kenol and Makuyu have an easier access to the city than to the county headquarters

All weather linkages exist between urban centers and rural areas because most of the rural roads, which are considered tea access roads, are graveled. However, the conditions of some of the existing roads are poor thus increasing the cost of transportation. Demand by the population for non-food commodities, farm inputs and services by the agricultural sector as well as demand for foodstuff by the urban dwellers can only be met if there is an existing and coordinated urban-rural linkage.

3.4.6 Linkages between Muranga and Neighbouring Counties

The linkage between Muranga County and the neighbouring Nyeri, Kirinyaga, Kiambu, Embu and Machakos Counties is easy through all weather bituminized roads. However, the linkage with Nyandarua County which is a food rich area is through taking a loop via Nairobi or Nyeri and Nyahururu due to the location of Aberdare National Park between the two counties, through which passage is restricted.

It is notable that the proximity of Nairobi City (approximately 100kms with a tarmac road) has to some extent restricted the rate of growth of Muranga town. The transport system between the town and the city is fluent with a sufficient number of public service vehicles (*matatus*) plying the route.

3.5 Water and Sanitation in the county

There are 5 water and sanitation companies in Murang'a County namely: Muwasco, Gatawasco, Muswasco, Gatamathi and Kawasco. Ithanga water supply was handed over from Thika East and is now also part of Murang'a. Gatamathi water and sanitation Located in Mathioya Sub-County covers Gatango and Mathioya water supply schemes. Gatawasco covers Gatanga sub-county. KAWASCO covers Kahuti water supply scheme. MUSWASCO covers Kandara water supply scheme, Kigumo water supply scheme, Sabasaba water supply scheme and Maragwa water supply, while MUWASCO covers Kayahwe water supply.

3.6 Mining

The county does not have mining activities except quarrying which is practised in some parts. Quarrying activities include: sand harvesting, excavation of building blocks and ballast and extraction of ball clay in Rurii, Kigetuini and Gakoigo. It is estimated that 42,900 tonnes of sand are harvested annually. The harvested ballast is estimated at 22,016 tonnes and hard core at 189,770 tonnes annually with 6,971 people involved. There is need to have a geologist for the county identify the potential of mineral resources in the county, map the mining zones and develop a mining guideline for Murang'a County.

3.7 Tourism

The main tourist attraction sites in the county are the *Aberdares* National Park and cultural heritage sites that have a rich history on the origins of the *Agikuyu* people. Such sites are at *Mukurwe wa Nyagathanga* and *Karia Ka Mbari ya Ngware*. Moreover, there are also ideal natural sites for hiking and camping at Rapid Camp, *Aberdare* cottages and sport and leisure fishing sites at *Kimakia* fishing grounds and *Ndakaini* Dam.

3.8 Wildlife

The main wildlife in the county are elephants which are the major source of human-wildlife conflicts especially in Mathioya and Kigumo constituencies. This is due to the constituencies' proximity to the *Aberdare* forest which forms the wildlife habitat. Other wildlife in the county is Columbus monkeys and their related species.

3.9 Environment

3.9.1 Major Contributors to Environmental Degradation

- Improper land use planning and Management
- Lack of town planning and uncontrolled development
- Encroachment and Destruction of wetlands and water catchment areas
- Poor waste management
- Loss of forest/tree cover
- Uncontrolled mining (sand harvesting, quarrying and extraction of ball clay)

3.9.2 Effects of Environment Degradation

- Landslides and mass wasting
- Blockage of water ways and sewerage system
- Water and land pollution
- Collapse of mining areas leading to deaths
- Unreliable rainfall patterns
- Invasion of new pests, diseases and weeds
- Soil, water and air pollution

- Drying up of rivers and waterbeds
- Flooding
- Soil erosion
- Congestion in towns and constrictions of access roads
- Incompatible and unsustainable development

3.9.3 Effects of Climate Change in the County

- Variation in weather patterns with reduced rainfall and failed seasons
- Frequent and prolonged droughts and diminishing water resources
- Floods/Flash floods and landslides
- Environmental degradation and habitat destruction
- Resurgence of weeds, diseases and pests
- Loss of biodiversity especially at the ecosystems which are fragile
- Severe famine and hunger causing food insecurity especially at the ASALs regions like Kambiti, Maragua Ridge, etc.
- Resource use conflicts e.g. Human/Wildlife Conflicts

3.9.4 Climate Change Adaptation Strategies and Mitigation Measures

These include prevention, tolerance, resilient, change of land use practices, relocation and initiating restoration of degraded environments in the County. Right policies and actions must be put in place across all sectors and deliberate investments and improved budget allocation towards environment management. This will provide holistic and collective response and synergy in order to maximise positive impacts. Adaptation strategies must involve community participation in environmental management activities because they must make appropriate adjustments in their livelihood approaches.

Mitigation measures are attained through the application of appropriate technologies, alternative approaches, available opportunities and strategies. These efforts will promote green economy and sustainable development. Coping mechanisms are sector specific allowing relevant and applicable interventions to be formulated and implemented. These include:

Forestry

Forest cover ensures carbon sink and sequestration while firming up soil thus preventing soil erosion. Tree planting is the most effective way of enhancing forest cover and reducing environmental degradation. The county has five indigenous gazetted forests covering a total area of 254.4 Km². They are: *Gatare*, *Karua*, *Kimakia*, *Kiambicho* and *Wanjerere* forests. These forests are divided into two zones; the tropical *montane* forest zone located along the Aberdare ranges and the semi-arid forest zone located in the lower parts of the county. There are also 204,557 farm forests which are privately owned plantations.

Water

The adaptive techniques developed and applied are either 'supply-side' or 'demand-side'. 'Supply-side' adaptive techniques involve changing structures, operating rules and institutional arrangements.

'Demand-side' adaptive techniques involve water demand management e.g. efficient irrigation, water pricing, and emphasis on conservation, awareness raising campaigns, policies and regulations to encourage efficient use of water.

The coping strategies include;

- Water re-use, recycling and avoid unsustainable uses.
- Low cost improved technologies
- Leak detections by water suppliers
- Constructed artificial wetlands, bogs and slow moving streams as low cost water treatment option.
- Integrated watershed planning and management.

Other specific coping strategies include:

Agriculture

- Diversification of crops to help cope with shifting rainfall patterns
- Farmers switch from regular crops to drought resistance/tolerant crops which requires less water
- Apply controlled irrigation to safeguard the excessive use of water resources thus reducing the amount of water available for other human uses and natural systems.
- Promotion of good farm practices e.g. use of efficient nitrogen fertilizers and increased yields.
- Use of alternative fuels such as bio-diesels, on-farm energy generation, etc.
- Reduced tillage systems
- Cover cropping
- Development of local markets.

Health

- Strengthening the public health institutions to cope with increased occurrence of climate change related diseases e.g. malaria, cholera among others.
- Intensifying public health campaigns and public participation on climate change related diseases.

Transport

- Constructions of road bypass fly-over and ring roads thus reducing traffic congestion and reduce high fuel usage/wastage as well as subsequent emission of GHGs.
- Good maintenance of road network to ensure high efficiency of vehicles and less emissions of GHGs.
- Adoption of mass public transport
- Improved telecommunication to reduce motor transport
- Timely tuning of vehicles to reduce emissions
- Use of non-motorized transport
- Enforcement of air quality regulations and standards

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Energy

- Diversification of energy supply such as electricity, wind, etc.
- Promote energy efficiency and conservation through using improved stoves at household levels.
- Biomass substitution using biogas
- Up-scale the exploitation of renewable energy sources
- Improving efficiency of water use and pricing
- Improving energy efficiency
- Switch to less carbon-intensive fossil fuels
- Increased use of low- and near-zero-carbon energy sources
- Sequestering CO₂ through the enhancement of natural and biological sinks
- Carbon dioxide capture and storage

Early warning data and information should be availed and disseminated in order to enhance preparedness. Disaster preparedness is critical in order to mitigate the effects which result to environmental disasters.

Promoting best environmental practices such as water harvesting, cleaner production technologies, ecological footprint, terracing for soil conservation and water retention also enhance crop yield and food security.

3.10 Industries

Murang'a County does not have big manufacturing industries. However there are several agro-processing factories as shown in the next table 9:

Table: 9 Industries/ Factories in Murang'a County by type and Sub County

Sub- Counties	Industry/ factory by Type						
	Tea	Coffee	Milk	Fruits	Nuts	Animal Feeds	Cottages
Kangema	1	15	2	0	0	0	
Mathioya	2	16					
Murang'a East	3	6			1		
Murang'a South	0	8		1	1	3	5
Gatanga	2	21	0	2	1	0	1
Kandara	1	34	1				
Kigumo	3	38					
Kahuro	1	23					

Total	13	161	3	3	3	3	6
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Source: County Development Planning Office, Murang'a- 2013

3.11 Challenges and Constraints

The major challenges experienced by government service providers towards fulfilling their mandates are;

- Limited financial resources to finance the activities set out in the annual work plan.
- Unavailability of spatial data due to cost of acquiring data or no records of the same exists.
- Format in which available data is in. data is available in analog format which is difficult to transform into digital format.
- Lack of modern planning equipments e.g. Modern planning software (GIS), plotters, scanners and high capacity computers.

3.12 Way Forward

Organization of the county space is first priority for sustained and equitable development. Land is a key resource and thus it must be planned to ensure optimum utilization whilst protecting the environment. Uncontrolled parceling (Land fragmentation) of land and unguided urban growth will eat into productive agricultural zones and expose the county to food deficiency hence net importer.

With devolution, the anticipated increase in population, investment and resource use must be guided. The department has and will continue to prepare Physical Development Plans to guide established urban areas and engage in a County Strategic/ Integrated spatial Plan. This will indicate zones and their appropriate land uses based on evaluated potential. Depending on availability of funding, the department is capable of completing two (2) Physical Development Plans for small to medium centers while one plan for municipality and townships can annually.

The office plans to complete Matunda Local Physical Development Plan, Chekalini Development Plan and Lugari Development Plan currently underway. Effort will also be placed to pursue approval of revised or newly prepared plans for approval as per the list of yet to be approved table.

3.13 Conclusion and Recommendations

Physical Planning is holistic process and so demands cooperation from all stakeholders. If this cooperation is extended to the department it would go a long way in ensuring timely fulfillment of its mandate and also public appreciation of the outcome. In order for to achieve the targets spatial plans and contribute fully to the realization of their objectives, the above mentioned constrains should be addressed by relevant stakeholders.

CHAPTER FOUR:

4 Linkages with other Plans

4.0 Introduction

This chapter discusses the County Integrated Development Plan linkages with the Kenya Vision 2030 and the Constitution of Kenya. The linkage of the County Development agenda with the Millennium Development Goals is highlighted.

4.1 Integrated Development Planning

Integrated development planning is a process through which efforts at national and devolved levels of government and other relevant public institutions are coordinated at local level, and through which economic, social, environmental, legal and spatial aspects of development are brought together to produce a plan that meets the need and aspirations of the citizens. The CIDP is the principal strategic planning instrument which guides and informs all planning, budgeting, management and decision making processes in a county.

4.2 Legislation on Integrated Planning in Kenya

4.2.1 The County Government Act 2012

County governments are required to prepare 5-year integrated county development plans and the annual county budgets to implement them according to the County Governments Act 2012. Under Section 102 of the Act, county planning is expected to provide a platform for unifying planning, budgeting, financing programmes, implementation, and performance review. A county planning unit shall be responsible for coordinated integrated development planning. In addition, county planning shall serve as a basis for engagement between county government and the citizenry, other stakeholders and interest groups.

According to the Act a county governments shall plan for the county and no public funds shall be appropriated without a planning framework developed by the county executive committee and approved by the county assembly. It also states that the county planning framework shall integrate economic, physical, social, environmental and spatial planning. In addition to an integrated county development plan, each county is expected to have the following:

- i. A County Sectoral Plan;
- ii. A County Spatial Plan; and
- iii. A City and Urban Areas Plan.

These county plans (section 107(2)) “shall be the basis for all the budgeting and planning in a county”.

4.2.2 Public Finance Management Act (PFMA), 2012

The PFM Act 2012 provides for effective and efficient management of public resources. Section 125 of the Act requires the budget process for county governments in any financial year to consist of integrated development planning process which include long term and medium term planning as well

as financial and economic priorities for the county over the medium term. Section 126 of the Act further obligates each county government to prepare an integrated development plan that includes strategic priorities for the medium term that reflect the county government's priorities and plans, a description of how the county government is responding to changes in the financial and economic environment; and, programmes to be delivered.

4.2.4 Urban Areas and Cities Act, 2011

Urban Areas and Cities Act (2011) is also emphatic on the need for 5 year integrated development planning and the need to align annual budgeting to the plan. These plans are separate from those of the county. In section 36(2) it states that “an integrated urban or city development plan shall bind, guide, and inform all planning for development and decision-making and ensure comprehensive inclusion of functions.”

4.3 CDP Linkages with Kenya Vision 2030 and Medium Term Plans

Sessional Paper Number 10 of 2012 on Kenya Vision 2030 is the National Policy Economic Blueprint that entrenches Kenya Vision 2030 as the long term development strategy for Kenya. The Kenya Vision 2030 aims to transform Kenya into a modern, globally competitive, middle income country providing a high quality of life to all its citizens. Kenya Vision 2030 is a product of highly participatory, consultative and inclusive stakeholder's process conducted throughout the country and in all sectors of the economy.

The Vision is anchored on three key pillars: economic; social; and political. The Economic Pillar aims to achieve an average Gross Domestic Product (GDP) growth rate of 10 per cent per annum and sustain the same till 2030 in order to generate more resources to reinvigorate the economy to meet its envisaged goals and aspirations. The key sectors in this pillar include: tourism, agriculture and livestock, manufacturing, wholesale and retail trade, Business Process Outsourcing (BPO) and financial services. A seventh sector, oil and mineral resources, has now been added taking cognizance of the recent related developments.

The Social Pillar seeks to build a just and cohesive society with social equity in a clean and secure environment. The main sectors under this pillar include education and training, health, water and irrigation, environment, housing and urbanization, gender, sports, youth and culture.

The Political Pillar aims at realizing a democratic political system founded on issue based politics that respect the rule of law, and protects the fundamental rights and freedoms of every individual in the Kenyan society.

The three pillars are anchored on a number of foundations which serve as enablers that create an environment that is geared towards the realization of Vision 2030. These include: macroeconomic stability; continuity in governance reforms; enhanced equity and wealth creation opportunities for the poor; infrastructure; energy; Science, Technology and Innovation; Land Reforms; Human Resource Development; Security and Public Sector Reforms. An additional enabler, national values and ethics, has been included following the passing of the Constitution of Kenya 2010.

The Kenya Vision 2030 is designed to be implemented in successive five year Medium Term Plans. The first plan covered the period 2008-2012. The current Medium Term Plan (MTP 2013-17) is the second in a series of successive 5-year plans under which the Kenya Vision 2030 is to be implemented. The second MTP 2013-2017 draws on lessons learnt in implementing the first MTP. It seeks to implement the flagship projects identified under Vision 2030 over the five year period

together with incomplete flagship and other projects and programmes in the previous Medium Term plan. It will also take due cognizance of the devolved structure of government following promulgation of the Constitution of Kenya 2010 and recent discovery of oil and mineral resources.

The broad key priority areas which will be the focus of the Second MTP include: employment creation; development of human resource through expansion and improvement in quality education, health and other social services; reducing the dependence of the economy on rain fed agriculture through expansion of irrigation; higher investment in alternative and green sources of energy; improving the economy's competitiveness through increased investment and modernization of infrastructure; increasing the ratio of saving, investment and exports to GDP; implementation of key Kenya Vision 2030 Flagship projects including development of LAPSSSET Corridor; improving national security; promoting national values and ethics; and continue implementing the Constitution including devolution.

County Government Act, 2012, stipulates that county government shall plan for the county and no public funds shall be appropriated outside a planning framework developed by the County Executive Committee and approved by the County Assembly. This Act along with the Public Financial Management Act, 2012, therefore calls for preparation of a County Integrated Development Plans (CIDPs) which must be aligned to the National Development Plan. In view of this, County Integrated Development Plans and other plans provided in the County Government Act will be aligned to Kenya Vision 2030 and the Medium Term Plan 2013-2017. As such CIDPs will provide the essential linkages of the National and County Governments by facilitating the implementation of Vision 2030 flagship projects as well as other projects and programmes that will ensure implementation of Kenya Vision 2030 at both levels of Government.

County governments therefore must embrace the Kenya Vision 2030 and Medium Term Plans during preparation of county development plans. In particular, they are envisaged to support implementation of Vision 2030 flagship projects that may be domiciled in or cut across the counties. In addition, counties will need to identify specific projects and programmes for implementation over the medium term period towards achievement of the Kenya Vision 2030 and MDG goals.

The County Development Profiles form the basis for county planning and development process by providing the requisite benchmarks and information required for preparation of the CIDPs.

4.4 CDP Linkages with the Constitution of Kenya, 2010

The Constitution of Kenya (2010) prescribes national values and principles of governance which include sharing and devolution of power. It creates a two-tier government: a national government and 47 county governments. The Fourth Schedule delineates the functions of the national and county governments.

A total of 14 functions have been devolved to the counties. The main ones include: county planning and development; agriculture; county health services; control of air pollution, noise pollution, other public nuisances and outdoor advertising; cultural activities, public entertainment and public amenities; county roads and transport; animal control and welfare; trade development and regulation; pre-primary education and village polytechnics; specific national government policies on natural resources and environmental conservation; county public works and services; fire fighting services and disaster management; and, control of drugs and pornography. Emphasis is also made for the counties to ensure participatory development and capacities are developed at the county and community level.

Five laws which provide the framework for devolution have been enacted, namely: Urban Areas and Cities Act, 2011; The County Governments Act, 2012; The Transition to Devolved Government Act, 2012; The Intergovernmental Relations Act, 2012 and The Public Finance Management Act, 2012.

The PFM Act 2012 provides for effective and efficient management of public resources. Article 125 of the Act requires the budget process for county governments in any financial year to consist of integrated development planning process which include long term and medium term planning as well as financial and economic priorities for the county over the medium term. Articles 126 of the Act further obligates each county government to prepare an integrated development plan that includes strategic priorities for the medium term that reflect the county government's priorities and plans, a description of how the county government is responding to changes in the financial and economic environment; and, programmes to be delivered.

The County Governments are composed of the County Executive Committee and County Assemblies. The County Executive Committee is expected to supervise the administration and delivery of services to citizens as well as conceptualize and implement policies and county legislation. The County Assembly is a legislative organ and will play an oversight role on all County public institutions including the urban areas and cities. The County Governments are required to prepare the County Integrated Development Plans to enable prioritization of socio-economic development issues at the local level. This is mandatory before the funding of county projects and programmes.

The County Development Profile seeks to provide the baseline information which will guide the execution of the foregoing functions.

4.5 Implementation of the MDGs at the County Level

The Millennium Development Goals (MDGs) are internationally accepted standards for measuring progress towards poverty alleviation. They were agreed upon at the UN Millennium Summit in 2000 where world leaders made and adopted a declaration to free *all men, women and children from the abject and dehumanizing conditions of extreme poverty*. The eight MDGs to be met by 2015 are drawn from this declaration.

The eight MDGs have time-bound targets and indicators for measuring progress in the areas of: poverty alleviation, education, gender equality and empowerment of women, child and maternal health, reducing HIV/AIDS and communicable diseases, environmental sustainability, and building a Global Partnership for Development.

Kenya is one of the signatories to the Declaration and is committed to achieve the MDGs. The MDGs based planning in Kenya was launched in 2004. The Vision 2030 and its first Medium Term Plan (MTP 2008-2012) fully incorporated the MDGs. This commitment has resulted in commendable progress in achieving a number of these goals though some are still facing challenges. As we pursue development agenda at the county level, we need to fast track the achievement of these goals.

With only two years to the end of the MDGs period, a group of world leaders appointed by the UN Secretary General are working together to find the best way to tackle global agenda on development after 2015. The post 2015 agenda will have shared responsibilities for all countries and with the fight against poverty and sustainable development at its core. This agenda will be cascaded in the Medium Term Plans and County Integrated Development Plans in order to build upon commitments already made and contribute to the acceleration of achievement of the targets both at the national and county levels.

4.5.1 Status of implementation of MDGs at the county level

The Millennium Development Goals (MDGs) are being implemented at the county level by the various public and private sector. The government channels grants to the grassroots which include CDF, LATFs, CDTF, the Bursary Funds, Orphans & Vulnerable Children cash transfer, Cash Transfer for older persons, Poverty Eradication Fund,

TOWA Funds, Youth and Women's Enterprise Development Funds among others to core MDGs sectors in the county such as Education, Health and Water to aid in attaining these goals. The status of implementation of the eight goals is indicated below:

i) Goal 1: Eradicate extreme poverty and hunger

The percentage of people living below poverty line has been on a rising trend due to frequent natural calamities, high inflation rates and poor infrastructure and adverse climatic conditions. The county's poverty rate stands at 36 per cent of population living below a dollar a day. Though this is higher than the national target of 21.5%, it is lower than the national average which stands at 45.9 per cent. The high poverty level could be attributed to high rate of unemployment level which stands at 54.8 per cent of the total labour force. This high rate is attributed to lack of employment opportunities since there are very few industries in the county to absorb the existing large labour force. However, though poverty levels are high, the county is food secure with a malnutrition rate of 5%, which is relatively low compared to the national average of 20.9% compared to a national target of 16.2%. In order to fight poverty in the county there is need for more initiatives towards job creation and resilient alternative livelihood like agro processing.

ii) Goal 2: Achieve Universal Primary Education

The net primary school enrolment rate in the county is 93.85 per cent whereas the completion rate stands at 97.13 per cent. Though these percentages are above the national levels of 92.5 per cent enrolment and 91.2 per cent completion, the net enrolment can however be increased further if mandatory primary school education is enforced. The literacy rate in the county stands at 78 per cent, which is lower than the national average of 79.5 per cent. This indicates that there is need to provide for adult education in order to attain the national target of 100 per cent.

iii) Goal 3: Promote Gender Equality and Empower Women

The proportion of girls to boys in both primary and secondary schools in the county is 0.98:1 and 0.97:1 respectively. This portends that the difference is minimal. The share of women in wage employment in the non-agriculture sector stands at 33.9 per cent. This means that the men are more engaged in employment in the non-agricultural sector.

iv) Goal 4: Reduce Child Mortality

Infant mortality rate stands at 31 per 1000 live births against a national average of 52 per 1000 live births. The mortality rate for children under five is 59 per 1,000 live births against the national average of 74 per 1,000 live births. Whereas these rates are lower than the national averages, they are still higher than the county targets of 21 per 1000 live births for infant mortality and 33 per 1000 live births for the under five mortality. This rate can however, be reduced further if home deliveries are reduced so that they can be attended to by skilled personnel at medical facilities.

v) Goal 5: Improve Maternal Health

The maternal mortality rate in the county stands at 350 per 100,000 live births compared to the national average of 488 per 100,000 live births. This rate can be attributed to a high rate of antenatal care coverage in the county which stands at 84 per cent against a target of 90 per cent. Whereas the county figure may be lower than the national figure, it is still far below the national target of 147 per 100,000 live births.

The proportion of births attended to by skilled personnel in the county stands at 61.6 per cent while the national average stands at 43.3 per cent against a target of 90 per cent. This indicates a significant gap in meeting the national target. There is therefore need to train community health workers in attending to home deliveries in order to also minimize the maternal mortality rate.

The contraceptive prevalence rate in the county stands at 73.4 per cent against the national figure of 45.5 per cent and surpasses the national target of 60 per cent. There is also a substantial unmet need for family planning which stands at 26.5 per cent. Whereas, it may not be the sole reason for the low population growth rate in the county, the high uptake of contraceptive use in the county has contributed to the slow population growth rate.

vi) Goal 6: Combat HIV and AIDS, Malaria and Other Diseases

The county population aged 15-24 years with comprehensive correct knowledge of HIV/AIDs stands at 90 per cent and this can explain the low HIV/AIDs prevalence of 2.4 per cent against a national target of less than 2 per cent within the same age group. Those with advanced HIV/AIDS infection and with access to antiretroviral drugs stand at 42.2 per cent.

Incidences and death rates associated with malaria stands at 0 per cent in the county against the national average of 31 per cent whereas the proportion of Tuberculosis cases detected and cured under directly observed treatment short course (DOTS) stands at 86.6 per cent against a national figure of 85.43 per cent.

vii) Goal 7: Ensure Environmental Sustainability

The county has a recorded forest cover of 11.6% which surpasses the minimum internationally agreed target of 10 per cent. This can be attributed to many programmes on afforestation and agro forestry that have been initiated in the county for a number of years. However, there is severe threat of massive deforestation arising from huge demand for wood fuel from the many tea factories in the county.

The proportion of population using an improved drinking water source in the county is 60 per cent as compared to the national figure of 60.2 per cent. There is however, potential to attain the national target of 75 per cent if additional resources were allocated for community water supply projects.

The proportion of population in the county using an improved sanitation facility is 99.7 per cent way above the national average of 82 per cent and the national target of 96 per cent.

viii) Goal 8: Develop A Global Partnership for Development

The goal deals with how the county relates with the global environment. This is evidenced by the many international NGOs and other development agencies operating in the county which include Save the Children International, World Vision, VSF, Oxfam, Mercy corps, and WFP. These NGO's and development agencies have continued to partner with government departments to accelerate

development in health, education sectors and livestock sub-sector. With the current trends it is unlikely that the target will be met by the year 2015.

CHAPTER FIVE:

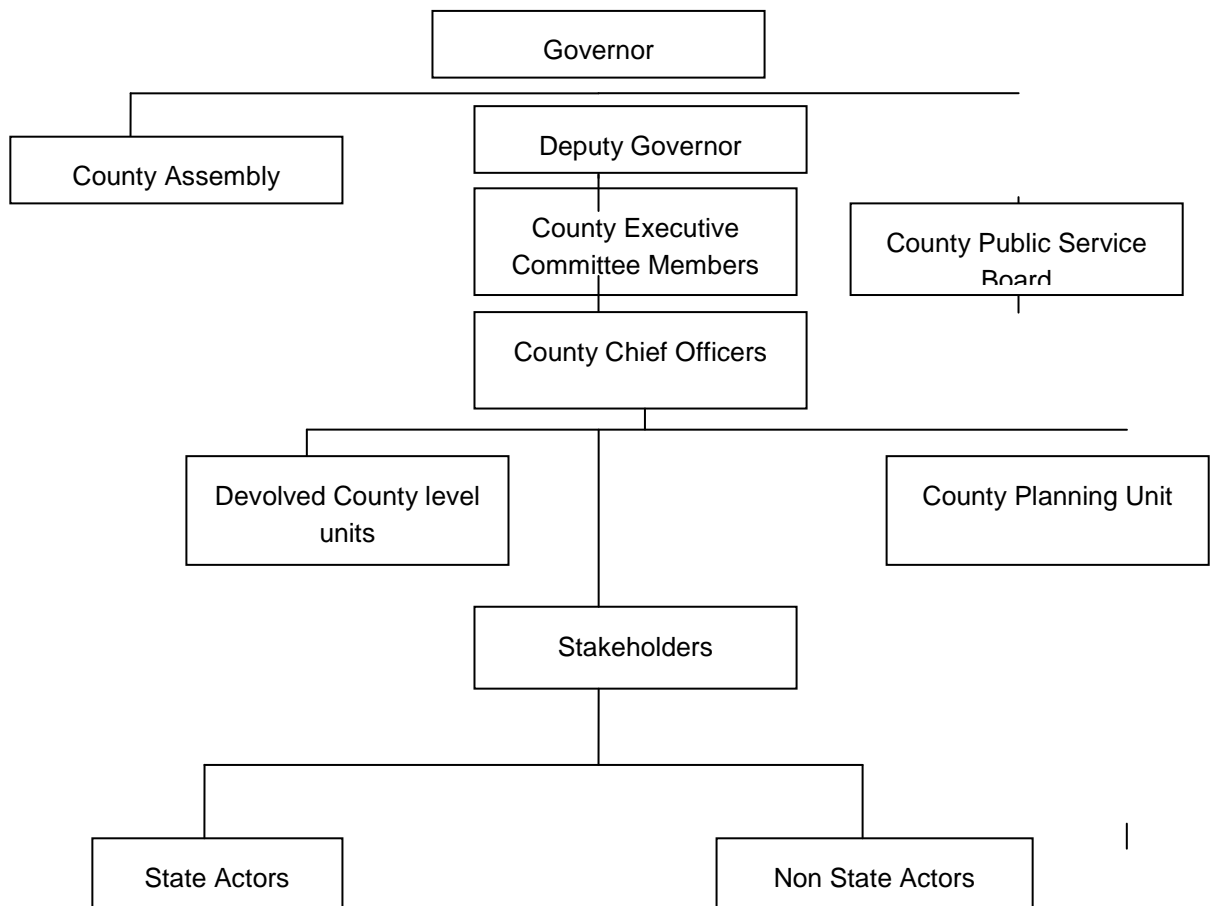
5 Implementation Framework

5.0 Introduction

The chapter outlines the institutional framework and organizational flow that will be followed in implementing the plan. It also outlines the stakeholders in the County, and the roles that they play and how their functions are accommodated to avoid duplication of efforts.

5.1 Organizational Flow

The chapter outlines the institutional framework and organizational flow that will be followed in implementing the plan. It also outlines the stakeholders in the County, and the roles that they play and how their functions are accommodated to avoid duplication of efforts.



Governor: The county governor and the deputy county governor are the chief executive and deputy chief executive of the county respectively. The Governor will provide:

- (i) Leadership in the county's governance and development.
- (ii) Leadership to the county executive committee and administration based on the county policies and plans.
- (iii) Promote democracy, good governance, unity and cohesion within the county.
- (iv) Promote peace and order within the county.
- (v) Promote the competitiveness of the county.
- (vi) Accountable for the management and use of the county resources while promoting and facilitating citizen participation in the development of policies and plans, and delivery of services in the county.

The county assembly shall:

- (i) Vet and approve nominees for appointment to county public offices as may be provided for in this Act or any other law;
- (ii) Perform the roles set out under Article 185 of the Constitution;
- (iii) Approve the budget and expenditure of the county government in accordance with Article 207 of the Constitution, and the legislation contemplated in Article 220 (2) of the Constitution, guided by Articles 201 and 203 of the Constitution;
- (iv) Approve the borrowing by the county government in accordance with Article 212 of the Constitution;
- (v) Approve county development planning

County Executive Committee shall:

- (i) Supervise the administration and delivery of services in the county and all decentralized units and agencies in the county;
- (ii) Perform any other functions conferred on it by the Constitution or national legislation;
- (iii) Carry out any function incidental to any of the assigned functions.
- (iv) In the performance of its functions, a county executive committee shall have power to determine its own programme of activities and every member of the committee shall observe integrity and disclosure of interest in any matter before the committee

County Chief Officers are responsible to the respective county executive committee members for the administration of a county department and are the authorized officers in respect of exercise of delegated power.

County Treasury: Is responsible for developing and implementing financial and economic policies in the county; preparing the annual budget for the county and coordinating the preparation of estimates of revenue and expenditure of the county government; coordinating the implementation of the budget of the county government; mobilizing resources for funding the budgetary requirements of the county government and putting in place mechanisms to raise revenue and resources; managing the county government's public debt and other obligations and developing a framework of debt control for the county.

The County Treasury is also supposed to consolidate the annual appropriation accounts and other financial statements of the county government in a format determined by the Accounting Standards Board; acting as custodian of the inventory of the county government's assets except where provided otherwise by other legislation or the Constitution; ensuring compliance with accounting standards prescribed and published by the Accounting Standards Board from time to time; ensuring proper

management and control of, and accounting for the finances of the county government and its entities in order to promote efficient and effective use of the county's budgetary resources; maintaining proper accounts and other records in respect of the County Revenue Fund, the County Emergencies Fund and other public funds administered by the county government; monitoring the county government's entities to ensure compliance with PFM Act 2012 and effective management of their funds, efficiency and transparency and, in particular, and proper accountability for the expenditure of those funds.

In addition, the County Treasury should assist county government entities in developing their capacity for efficient, effective and transparent financial management, upon request; providing the National Treasury with information which it may require to carry out its responsibilities under the Constitution and the PFM Act 2012; issuing circulars with respect to financial matters relating to county government entities; advising the county government entities, the County Executive Committee and the county assembly on financial matters; strengthening financial and fiscal relations between the national government and county governments in performing their functions; reporting regularly to the county assembly on the implementation of the annual county budget; and taking any other action to further the implementation of the PFM Act 2012 in relation to the county.

Devolved County Level Units: The devolved units are responsible for the development of policies and plans; service delivery; developmental activities to empower the community; the provision and maintenance of infrastructure and facilities of public services and facilitation and coordination of citizen participation in the development of policies and plans and delivery of services.

County Planning Unit: The County Planning Unit shall;

- (i) Coordinate integrated development planning in the county
- (ii) Ensure integrated planning within the county
- (iii) Ensuring linkages between sectoral plans with county plans.
- (iv) Ensuring linkages between county plans and the national planning framework
- (v) Tracking of implementation of development projects and programmes
- (vi) Ensuring meaningful engagement of citizens in the planning process

Stakeholders: Are responsible for prioritizing county programmes and projects while ensuring sustainability and ownership. They may also fund programmes and projects. Citizen participation in the development and implementation of policies is mandatory. The county government should ensure that the citizens have timely access to information, data, documents, and other information relevant or related to policy formulation and implementation.

Devolved County Level Units: The units are responsible for policy formulation, guidance, service provision and enforcement of rules and regulations. The units are also responsible for prioritizing in their operational areas.

5.2 Stakeholders in the County

Stakeholder	Roles
Agro-chemicals and seed companies	Farm trials, trainings, supply of chemicals, seed distribution
Cabinet office	Ensure quality and timely approval of policies
CDF	Provision of funds, promotion of services to community
County governments	Promotion of investments and improvement and maintenance of infrastructure
Farmers	Participate and get involve in conservation of environment and water. Application of technology
Financial institutions/ Private sector	Provision of mortgages for development of housing units; Provide finances for development of houses.
Government agencies	Provide policy direction, financing, supervision and implement programmes; Classification of roads and laying of infrastructure; Provision of extension and advisory services to stakeholders; Regulation and safeguard rights of employees; Provide loans to traders
KEBS	Products quality control
KEFRI	Conduct research and disseminate finding to other stakeholders
Kenya Dairy Board	Regulation of milk marketing
Kenya National Bureau of Statistics (KNBS)	Collection and dissemination of consumable data for planning purposes
KFS	Regulate and protect the forests; Provide training to farmers; Raising of seedlings and distribution to farmers in addition to planting of trees; Maintain roads with their area of jurisdiction.
KIE, KTB	Provide funding for infrastructural development and Implement projects in this sector.
KIRDI	Research and Technology transfer

KWS	Regulation of wildlife service subsector; Protection of wildlife; Maintain roads with their area of jurisdiction.
Local community	Identify needs and prioritise them; Ownership and provision of security to the infrastructure
Micro-Finance Institutions	Provision of credit
National Aids Control Council	Provide policy guidance on halting and the reversing the spread of HIV/AIDS; Support OVCs and People Living with HIV/AIDS
National Council for Persons with Disability	Enhance capacity of disabled person's organizations, institutions and individuals; Support educational institutions for physically challenged
NEMA	Enforcement of environmental laws and regulations
NGOs, CBOs, FBOs	Capacity building of farmers in project planning and management and technical training; Assist in provision of tree seedlings to farmers; Assist in environmental conservation.
Parliament	Formulation and passage of sector laws & policies, provision of conducive legal environment
Private Sector	Investment in hotels and industries; Finance, provision of services financing infrastructure
Research stations	Promotion of new technologies & trainings, soil testing, Livestock and crop research
SMEs	Uptake of business opportunities
Stockists	Provision of quality farm-inputs
Trade unions	Promotion of sound HR management & Development and welfare of workers; Champion the rights of employees;
Transport Service Providers	Provide public transport services to all stakeholders
WARMA	Regulate use of water resources

Water service providers	Providing clean drinking water to the population; Maintenance of water supplies system.
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CHAPTER SIX:

6 Resource Mobilization Framework

6.0 Introduction

Without adequate financial resources to finance both development and operational expenditure a county cannot deliver on its mandates. This chapter contains a budget projection required for managing Murang'a county government. It also indicates the resources that are available for capital projects development; strategies for raising revenue; and their projections for the plan period. In addition, strategies for asset management, financial management, and capital financing are included. This includes, but not limited to, strategies to expand the revenue generation, resource sharing with the central government, means of attracting external funding.

6.1 Capital Projects Funding

The County Government Act 2012 obligates the county government by to ensure harmony of the integrated development plan with the national plans, and other sub-county plans such sectoral plan, spatial plans and urban and city plans which are located in the county.

Capital project funding will be done through annual budgetary allocation as a per centage that does not fall below 30% of the total expenditure, loan financing, leases, and public private partnership. Section 18 (1) of private public partnership act (2013), provides that a contracting authority that intends to finance, operate, equip or maintain an infrastructure facility or provide a service may enter into a project agreement with any qualified private party for the financing, construction, operation, equipping or maintenance of the infrastructure or development facility or provision of the service of the Government as long as approval is sought from the cabinet secretary.

Project identification and prioritization will be undertaken within the framework of PFM Act and County Government Act, below is a projection of the cash available for capital project within the next five years assessed at 30% of total revenue.

Particulars	2013/14	2014/15	2015/16	2016/17	2017/18
Local Revenue	1,300,000,000.00	1,560,000,000.00	1,872,000,000.00	2,246,400,000.00	2,695,680,000.00
National Government Allocation	3,917,437,529.00	4,113,309,405.00	4,318,974,876.00	4,534,923,620.00	4,761,669,800.00
Total Revenue Available	5,217,437,529.00	5,673,309,405.00	6,190,974,876.00	6,781,323,620.00	7,457,349,800.00

Total Available for Projects	1,565,231,258.70	1,701,992,821.50	1,857,292,462.80	2,034,397,086.00	2,237,204,940.00
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Source: County Government Budget Estimates 2013 (up to 2013/2014)

6.2 Strategies for Raising Revenue

The Kenya Government is increasingly constrained in mobilizing the required financial and technical resources to cope with the rising demand for development projects and provision of services. Rapid population growth has compounded the pressure on the existing infrastructure and other services hence the need for the county government to develop strategies to raise more revenue. The County Government shall use the following strategies.

(a) Local Revenue

The county intends to carry out a comprehensive study that will among other things rationalize the existing traditional revenues as previously was being collected by defunct local authorities, come up with new sources as guided by the now expanded mandates and develop more IT enabled systems to seal leakages. A performance based system is also being implemented to make revenue collectors more accountable. These measures are expected to grow local revenue at an average of 20% within the next five years while at the same time ensuring the principle of equity, certainty and ease of collection are observed.

Particulars	2013/14	2014/15	2015/16	2016/17	2017/18
Local Revenue	1,300,000,000.00	1,560,000,000.00	1,872,000,000.00	2,246,400,000.00	2,695,680,000.00

(b) National Government funding

Based on the Commission on Revenue Allocation, County Government of Murang'a is expected to receive Kshs.4,321,883,032.00 for the FY 2013/14. This allocation has been arrived at based on the county population (45%), poverty index (20%), land area (8%) basic equal share (25%) and fiscal responsibility (2%). The allocation is expected to gradually increase as more functions are transferred to counties from the central Government. Prudent public resource management as stipulated in the PFM Act 2012 will determine the amount the county receives in future on fiscal responsibility.

The budget process for county governments consists of an integrated development planning process, which include both long term and medium term planning. The integrated plan establishes financial and economic priorities for the county over the medium term and makes an overall estimation of the county government's revenues and expenditures.

For projection purposes central Government are projected to grow by at least 5% per annum.

Particulars	2013/14	2014/15	2015/16	2016/17	2017/18
National Government	3,917,437,529.00	4,113,309,405.00	4,318,974,876.00	4,534,923,620.00	4,761,660,000.00

Allocation					
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(c) Development Partners financing

In realization of the critical need to mobilize resources from development partners and other stakeholders the county has put in place a department to spearhead this crucial task. Direct grants, asset financing models public private partnerships, and low interest loans are all being considered. There are also plans to undertake reasonable infrastructural development in the County so as to attract private investors.

6.3 Assets and Financial Management

Section 153(1) of the PFM act provides for management of assets in a manner that is responsible so as to ensure that a county Government achieves value for money in acquiring, using or disposing those assets. In compliance, an asset identification study is underway that will involve listing, verification of ownership, valuation of the said asset and compilation of a register. The asset register will be managed using ICT. Regular repair and maintenance will be carried out to extend their useful life in addition to regular verification.

The National Treasury is expected to design and prescribe an efficient financial management system for the national and county governments to ensure transparent financial management and standard financial reporting as contemplated by Article 226 of the Constitution. The County Treasury, subject to the Constitution, will monitor, evaluate and oversee the management of public finances and economic affairs of the county government including developing and implementing financial and economic policies in the county; preparing the annual budget for the county and coordinating the preparation of estimates of revenue and expenditure of the county government; coordinating the implementation of the budget of the county government; mobilizing resources for funding the budgetary requirements of the county government and putting in place mechanisms to raise revenue and resources.

The County Treasury will also ensure compliance with accounting standards prescribed and published by the Accounting Standards Board from time to time. It will also ensure proper management and control of, and accounting for the finances of the county government and its entities in order to promote efficient and effective use of the county's budgetary resources.

CHAPTER SEVEN:

7 Development Priority Programmes and Projects

7.0 Introduction

This chapter presents a highlight of programmes and projects identified in various forums including, Vision 2030 and the first MTP dissemination forums; MTEF consultative forums; the 2nd MTP Consultations and other development consultations at other devolved levels. The chapter presents the projects and programmes as follows; On-going projects, (flagship and others), stalled projects, outstanding/ unfunded projects and new proposals.

The information is presented based on the Medium Term Expenditure Framework budgeting system. Nine sectors have been used, namely, Agriculture and Rural Development; General Economic, Commercial and Labour Affairs; Energy, Infrastructure and ICT; Environmental Protection, Water and Housing; Health; Education; Governance, Justice, Law and Order; Public Administration and International Relations; and Social Protection Culture and Recreation.

For each of the MTEF sectors, the national sector vision and mission are stated. In addition, the county's response to the sector vision and mission and the role of the stakeholders are explained. Finally, the short term and medium term priorities identified during the second Medium Term Plan (2013-2017) county consultations are presented as new proposals. Cross Cutting issues in each sector are also included.

7.1 Agriculture and Rural Development

This is one of the main sectors in the county. It comprises of the following sub-sectors in the county: Agriculture, Livestock Development, Cooperative Development and Marketing, Lands, Fisheries Development, Forestry and Wildlife, and related Research and Development.

7.1.1 Sector Vision and mission

Vision

An innovative, commercially-oriented and modern Agriculture and Rural Development sector

Mission

To improve livelihoods of Kenyans through promotion of competitive agriculture, sustainable livestock and fisheries sub-sectors, growth of a viable cooperatives sub-sector, equitable distributions and sustainable management of land resources and sustainable management of forestry and wildlife resources.

7.1.2 County Response to the Sector Vision and Mission

In response to sector vision and mission the county will continue to create an enabling environment for agricultural and rural development through review of existing policy framework, promotion of market and product development, facilitating increased productivity and improved agricultural outputs, and promoting development of livestock production and fisheries. The county through extension services is also striving to control vector and livestock diseases through promotion and application of environmentally friendly products. The living standards of small-scale farmers are improved through the formation and strengthening of co-operative societies to assist in marketing of both agricultural and livestock products. Extension services have been scaled-up to equip farmers with knowledge to enable them to maximize their output, improve storage to reduce post-harvest losses, value addition and soil conservation. Transfer of technology from research institutions is being passed on to farmers to boost their production in agriculture and livestock. Economical and sustainable use of land resources is encouraged.

7.1.3 The Role of Stakeholders in the Sector

The following are the stakeholders in the sector

Stakeholder	Roles
Agro-chemicals and seed companies	Farm trials, trainings, supply of chemicals, seed distribution
Research stations	Promotion of new technologies & trainings, soil testing
Faith Based Organizations	Trainings, provision of planting inputs
Micro-Finance Institutions	Provision of credit
Government Departments	Government provides overall policy direction and an enabling environment various departments help in mobilization, service delivery, trainings, enforcement
NGOs	Involved in capacity building and financial assistance
CDF	Provision of funds, promotion of services to community
Stockists	Provision of quality farm-inputs
Farmers	Application of technology

7.1.4 Sector resources, constraints, achievements and strategies

Sector	Resources	Development Constraints	Previous Development Achievements	Development Strategies
Agriculture and Rural Development	<ul style="list-style-type: none"> Numerous rivers, water pans, dams, Human resources Favourable climate, Agro-processing factories. (coffee, tea , nuts among others), animal feeds, milk processing, forests, livestock, New technologies (green houses), Existence of co-operatives and associations such as the Maragua Horticulture Farmers' Co-operative and Maragua Banana Association. High population of 200,000 dairy cattle. Gakoigo stakeholders' show Fish farming - water is available for fish ponds; Fruit processing plant can be completed so as to realize its full potential; Availability of land for establishment of market centre; and Availability of Natural Resources. 	<ul style="list-style-type: none"> Poor road network, inadequate electricity connectivity, inadequate internet connectivity, poor marketing system, High cost of farm inputs, High cost of AI services, Land fragmentation, poor urban planning,/uneconomical land sizes, poor quality of breeding stock, poor value addition, Low investment in agriculture and agri- based industry. Coffee theft Over reliance on rain fed agriculture. Lack of disease and vector control program (anthrax, swine fever) Lack of disease control zones Decline of manpower in farms due to alcoholism and drug abuse by the youth; and Contamination of water sources hence food products having 	<ul style="list-style-type: none"> Introduction of drought tolerant crops, increased use of fertilizer, Diversification; Improved food security (subsidized fertilizer); Capacity building farmers; Milk cooling facilities; Private AI providers; Crop varieties which are disease tolerant; Technology to reduce soil acidity; Hatcheries; Technology shop for sale of TC bananas; Laboratories (soil testing, TC bananas); Increased dairy cattle population; Increase Dairy goats; AI services Improved Increase acreage of pasture land; Increase adoption of greenhouse farming; Increased demand of animal health services; 	<ul style="list-style-type: none"> Value addition, Timely delivery of subsidized farm inputs, increase investment in agriculture/agri-based industries, Improved technologies; improve infrastructures (ICT. Road network, electricity connectivity and reliability) Upgrading breeds (Cattle and Poultry) Modern agricultural technologies. Contract production Connect small scale farmers to the market and exploit the existing market proximity (Nyeri and Thika) Establish cold and dry storage. Introduce new cash crops such as sunflower and cotton Value addition for milk Pork, Poultry and beef processing – County Ranch Abattoir

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7.1.5 Projects/ Programmes

The county has one flagship project and 33 other projects in the agriculture and rural development sector. There are no stalled projects in this sector. There are however, no outstanding projects but the county has 11 new projects.

(i) On-going Projects / Programmes:

Crop Production

Outstanding Projects in Department of Crop Production

Project	Location	Objectives	Description of activities
Completion of Three sub County Agricultural Offices	Mathioya, Kahuro and Kigumo	Improved work environment, office facilities	Plastering,landscaping, windows ceilings,painting,flooring,furnishing
Completion of the existing 8 room hostel at the Agricultural training center in Mariira	Mariira	To enhance training of farmers across the county and beyond while generating income.	Complete hostel the existing hostel
Rehabilitation of Old Kandara Ward/Sub County Agricultural Office	Kandara sub county headquarters	Improved work environment,	Painting and partitioning
Completion of Hostel and Operationalization of Thai village model demo farm and training centre	Gikindu,Kiharu sub county	Dry land training institution completed, FTC started and operationalised	Completion of hostels one floor and farm operationalised Upgrading the grounds
Completion of Rice processing plant	Githuri/Kimathi ,Kiharu sub county	Promotion of rice farming	Build a warehouse and install mill
Suport to Mango processing plant	Gikindu,Kiharu	Promotion of mango value addition and production	Equipment bought and installed
Completion of Kagumoini horticulture horticulture grading shed	Kandara	Promotion of banana farming	Completion and fencing plus equipment
Completion of Grain drying and storage facility	Makuyu	Promotion of maize and control of aflatoxins	Warehouse built and tractor bought
Completion of Cassava value addition plant	Maragua Ridge	Promotion ofcassava production and value addition	Equipment bought and installed
Completion of Kamahuha hoticultutal crops grading shed	Kamahuha in Maragua	Promotion of banana farming	Completion and fencing plus equipment

Completion of constituency water pans	County wide	Promotion of water harvesting for food security	Excavation and commissioning of community water dams
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Proposed/New Projects

New project Location	Priority Ranking	Objectives	Targets	Description of activities
Agricultural training center in Mariira	1	To enhance training of farmers across the county and beyond while generating income.	Complete hostel in Marira (with 50 self contained rooms)	Put up a new Agricultural training center
Automatic Weather Monitoring Station at Kenyatta FTC Mariira	1	To continuously monitor climate variability	All farmers in the County	Installation
Soil analysis and biotechnology Laboratory (Kenyatta ATC and Kamacharia in collaboration with Murang'a university)	1	Improve fertilizer use & information among farmers	1	Put up new facility
Agricultural mechanisation station Gikindu (Kiharu)	1	Promote mecahanised farming	1	Tractors, harrows and seeders
Construction of New County Agricultural Offices (Kiharu Sub CountySCAO office)	1	Work environment improved	1	Demolish existing sub county office and put modern 3 story facility for offices
Construction of New Ward Agricultural Offices 3 in Gatanga 1 in Maragwa 3 in Kahuro 4 in Kigumo 2 in Kandara 2 in Mathioya 3 in Kangema	2	Work environment improved	13	New building put up for new wards
Upgrading of ward offices 3 in Mathioya (One per Ward) 2 in Maragua	2	Work environment improved	5	Rehabilitate existing offices
Development of Kenyatta ATC model farm (Kenyatta ATC)	1	Training of farmers in modern agriculture	1	Start new demo plots on perennials

Strategic Grain Reserve Depot (Maragua and Gatanga Sub counties)	1	Improve food security	1	Lease NCPB store in Maragua. And procure food reserve on revolving fund basis
New mega water pans /dams (County wide)	1	Water harvesting and food security improved	8	Rehabilitate existing ones/ new ones
1.Rolling out of the Commercial irrigated horticulture (County wide) and 2.Traditional high value crops sector , Ithanga Mbiri, Gaturi,Kakuzi, Kambiti, Kimorori/Wempa, Makuyu, Ichagaki, Kahumbu, Kamahuha,Gatanga Rwathia , Gitugi Kanyenyaini, wards)	1 1	Commercialised ware housing concept started	1	Grain centres done, and farmers capacity build
Processing of growing contracts with farmers based on commodities (County wide)	1	Agribusiness promoted	various	Capacity building and partnerships build
Linking irrigation plan with crop production (County wide)	1	Agribusiness promoted	various	Partnership and capacity enhanced
Establishment and streamlining of supply chain logistics for commodities (County wide)	1	Agribusiness promoted	2	Initiate cold chainstorage & marketing facilities/sheds
Establishment of concepts for public private partnership in Crop production (County wide)	2	Agribusiness promoted	1	Put Legal framework in place. Partnership and capacity enhanced
Registration of public investment company to handle enterprise promotion in agro marketing (County wide)	1	To raise funds for investment	1	Registration of company and mobilization of communities
Vegetable canning factory (County wide)	1	Processing of vegetables promoted	1	Warehouse and equipment acquired
Develop Fruit, cash crops nuts and beverage seedling		Promote modern cropping systems		Establishment of Nurseries for Tissue

propagation (Tissue culture Banana, Avocados, mangoes, Passion fruits, Macadamia, coffee, tea in the Respective growing zones eg; Kamacharia, Gitugi ,Rwathia, Ruchu and Kimorori/Wempa Wards etc.)				culture Banana, Avocados, mangoes, Passion fruits, Macadamia, coffee etc
Establish Modern Farming community model with high technology (County Wide)		Promote modern cropping systems		Establish farm models and Greenhouses
Value chain mapping for major crops/enterprises to enhance opportunities in agro marketing and production (County wide)	1	Agribusiness promoted	various	Capacity building of communities and partnerships enhanced
Development and Propagation of Banana Production	1	Improved quality and quantity of Banana production		Improved propagation bananas of
Banana value addition plant (Maragua, Sabasaba))	1	Processing of bananas promoted	1	Warehouse and equipment acquired
Support to County industrial parks initiative through raw material production and supply (County wide)	1	Production of raw materials for industry enhanced	1	Extension services enhanced. Farmers training enhanced
Support to Fruit produce	1	Establish two collection centres in each Ward in fruit growing areas		Construction centres and equipping
Fruit processing Plant, Kambiti, Kimorori/Wempa , , Kahumbu Kamahuha for Mangoes and Ngararia, Gikingi, Muruk a, Ruchu Gatanga, Kahumbu for Avocados)) Kanyenyaini for Pears and Plams	2	Processing of mangoes/avocados and other fruits promoted	1	Warehouse and equipment acquired
Grain handling facility and food strategic reserve (County wide)	1	Grains production enhanced	1	Warehouse constructed
Development of agro brand for County products to enhance agro marketing and detailed	1	Agribusiness promoted	various	Brand developed and promoted

marketing strategy (County wide)				
Promote agro marketing structures for farmers (County wide)	1	Agribusiines/marketing promoted	11	Constructed sorting and grading shed
Development of Nitch marketing strategy for specific products to enhance agro marketing (County wide)	1	Agribusiines/marketing promoted	2	Marketing and adverting strategy and operationalised
Promotion of local and international stardards compliance (KENYA GAP &GLOBALGAP) (County wide)	1	Export horticulture promoted	various	Staff and farmers capacity built. Co operative assisted to register marks of quality
Mango development programme (Lower Murang'a)	1	Support mango production	various	Support topworkinh and seeflings production
Grain Development programme (County wide)	1	Support promotion of grains for improved food security	8	Seed support and research promotion on grains and pulses
Macadamia Development programme (County wide)	1	Production and marketing promoted promoted	8	Research promotion on macadamia crop and seedling promoted
Fruit Tree Nursery (Mugoiri ,Kimorori/Wempa, Ruchu, Kahumbu, Kanyenyaini)	1	Promotion of Quality Fruits Seedlings		
Coffee Development programme (County wide)	1	Coffee development program and mapping	8	Promote use of green products in coffee production,support seedling production and topworking programme
Tea development program county wide	1	Tea development program and mapping	8	Promote use of green products in tea production,support seedling production and topworking programme
Subdsidised fertilizers & carbon credit	3	Promote agriculture	Available subbsidised fertilizers for farmers	Available subbsidised

(Countywide)				fertilizers
Promote Oranic Farming (Countywide)	2	Grow organic certified food that promote exports	Programe running in 2 yrs	Training on organic cultivation awereness
Green houses in every ward	2	To promote intensive and modern farming techniques	2 in every ward	Purchase and installation

Flagship projects

Sub-Sector Projects

Sub-sector Objective No. 1 Enhanced accessibility of affordable input and credit to farmer.			
Project Name Location	Objective	Targets	Description of Activities
Farm input subsidy programme	Increase access to agricultural inputs	1.Number of beneficiaries accessing the inputs 1 bag @2000	To subsidize farm inputs
County agricultural development fund for innovation and food security support 2014-015	Enhance food security and crop development	Fund established, Total credit amount accessible and granted to small scale producers	To set a side funds to cushion food deficit
Stabilization fund (Coffee)	Coffee development	All coffee farming areas	Set a side funds for coffee development
Coffee Development fund	Coffee development	All coffee farming areas	Set a side funds for coffee development
Nuts Development Fund	Nuts Development	Nut growing farmers	Set a side funds for nuts development
Tea Mgt Fund	Tea Development	Tea growing areas	Set a side a tea development fund

Sub-sector Objective no. 2: Create enabling environment for agricultural development			
Project Name Location	Objective	Targets	Description of Activities
Develop county legal and regulatory Frame work on coffee, Tea, General horticulture, Avocado, Macadamia.	Regulate the sub sectors to improve performance	No. of Finalised policy documents and bills	Develop a policy on agriculture
Develop a concept paper for public private partnerships	Enhance private sector participation led economy	Frame work developed	Develop a framework for ppp
Register an Investment Company	Enhance public participation in wealth generation	company registered and number recruitment	Mobilize and register an investment company

Sub-sector Objective 3: Increase agricultural productivity and outputs			
Project Name Location	Objective	Targets	Description of Activities
Agricultural shows and Exhibitions	Disseminate appropriate and new technologies to clients	No. of shows and exhibitions held Sub counties exhibitions	Prepare, construct structures, and improve the show ground
Soil analysis and Biotechnology lab.	Improve agricultural productivity	Laboratory established	Establish a soil analysis laboratory
Promotion of new and emerging Crop.	Improve agricultural productivity and food security	No. of emerging crops promoted. No of beneficiaries participated	Sensitize farmers on new and emerging crops
Purchase of cereals Seedlings for Kambiti farmers	Improve agricultural productivity and food security	No of seedlings procured for Kambiti farmers	Increase crop production
Integrated horticultural crops under irrigation(Thai Village Model)	Efficient utilization of resource base to improve productivity	No. of horticultural crops integrated. No. of beneficiaries participating	Intensify irrigating agricultural farms
Support programme for Thai village model demonstration farm and training centre.	Disseminate appropriate technology and build capacity to the client Training fund	No of demos established No. of farmers trained	Construction of hostels, completing the administration block
Promotion of innovative extension services (Hybrid T&V).	Enhance effectiveness and efficiency in extension service delivery. (Farmers training and capacity development)	No. of farmers reached	Reaching more farmers; training farmers and extension officers
Promotion of Rice production.	Enhance food and nutritional security through diversification	Increase in area of area under rice Production per ha	Training farmers diversification
Establishment of central nurseries at Kenyatta ATC and Thai village farmer capacity centre.	Enhance access and availability of clean and quality planting materials.	No of nurseries established No of seedlings produced	Establishing high quality seedling for farmers
Support programme for Kenyatta ATC model demonstration farm and training centre.	Disseminate appropriate technology and build capacity to the client	Training officers and farmers	Set up a demonstration centre
Agricultural mechanisation station	New station started at Thai village and equipment (Tractors, ploughs harrows, seeders bought)	No of tractors and other equipment bought	Complete remaining parts of the institution, buy machineries
Improvement of the banana value chain	Enhance productivity, quality and profitability of	Percentage increase in the marketable	Identify key players and link them to the

(County Wide)	the banana industry	volumes Percentage increase in the hectarage under Banana production No. banana processed products	growers
Improvement of the mango value chain	Enhance productivity, quality and profitability of the mango industry	Percentage increase in the marketable volumes Percentage increase in the hectarage under mango No. mango processed products	Identify key players, and organize them
Promotion of green house production technology	Enhance adoption of green house production technology	No. of farmers adopting the technology No. of beneficiaries participating Percentage increase in production and income from the technologies.	Put and up green houses, train farmers on the importance of green houses, subsidise green housing
Revitalization the avocado industry and Establishment of Avocado packhouse and cold room	Enhance productivity , quality and profitability of the avocado industry	Percentage Increase in yield per tree Percentage increase in the volumes of marketable grades/class Percentage Increase in payment to producers per kg of produce delivered	Put up a cold/storage facility fof fruits, parter with private investors on value addion
Completion of stalled constituency water pans pans10,000-40,000 Cubic		Improve food security in dry area	Contract water pans in all constitutes
Initiation of Mega >50,000 cubic meters		upscale food security through harvesting run off	Putting many water pans
Promotion of Hydroponics in seed development	Enhance productivity and and disease control	No of units developed and number of farmers trained	Develop and train farmers on seed development
Promotion of Urban Agriculture technologies.(Establishment of kitchen gardening ,madara gardens,Hanging gardens and wet beds for promotion of nutrition)	Increased nutrition among families	No of Demonstration sites and farmers trained	Train urban dwellers on urban agriculture technologies
Promotion of energy	Environmental	No of installed units	Train and sensitize

conservation technologies (Kuni Mbili, Food warmers, Wood lots, Rocket jikos)	conservatiobn		people on energy conservation
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Sub-sector Objective No. 4: Promote market access and product development.			
Project Name Location	Objective	Targets	Description of Activities
Enhancing Agri business promotion	Promote shift from subsistence to commercial agriculture	Number of farmers with business plans, planned farms and engaging in commercial agriculture	Train and sensitize people on agri-business
Construction of prototype market in every constituency	Enhance produce marketing in the county	Number of units done in constituencies whose markets not modern	Construction to completion
Establishment of strategic grain reserve.	Enhance food and nutritional security of the people of Muranga County	Tonnage of produce bought and sold	Come up with a strategic grain reserve
Establishment of Kenya assembly market hub	Improve market access and income	Assembly market hub established No. of commodities assembled Volumes of commodities assembled	Identify a suitable place and establish a market hub
Establish fruit processing, banana and vegetable canning factory	Enhance market access and product development	Factory established Types of fruits processed Volume of fruits processed	Construct a fruit processing factory
Banana Processing Factory in Makuyu, Kahumbu	Enhance food Security through diversification	Factory unit for Available farm produce	Identify, Construct and Equip the Factory
Establishment of Coffee demonstration farms in Mutoho and Kagumoini Coffee factories (Gaichanjiru)	Promotion of Coffee Industry through better farming methods	Demonstration farms for enhanced coffee farming development	Establishment of Demonstration farms for Educating farmers
Establish of horticulture produce processing plant (target export horticulture)	Enhance market access and product development	Plant established Types of horticultural crops processed Volume of horticultural crops processed	Construct an horticulture produce processing plant
Establish of coffee milling plant at Maragua	Increase return from coffee industry through value addition	Milling plant established Volume of coffee milled and marketed Percentage increase in returns to farmers	Identify a suitable place and put up a coffee milling plant
Establish of Cooling storage plant facility.-10	Reduce post harvest losses through increased	No of cooling plants established	Construction and equipping the storage

	shelf life.	Volumes of produced stored	plant
Promote safe and responsible use of agrochemical (General MRL compliance)	Ensure food Ensure quality and safety Enhance environmental protection	No of producers trained and registered for compliance	Train farmers and officers on safe and responsible use of agrochemicals
Integration of Traditional High Value Crops into warehousing(seed production)	Enhance access and availability of planting materials to farmers. Enhance income generation Enhance food and nutritional security through diversification	No.of completed warehouses Types of THVCs integrated No. of beneficiaries participating	Putting up ware houses, Train both farmers and officers
Spot rural access road repair and maintenances in horticultural zones	Improve market access	40 km rural access road rehabilitated	Reshaping the road
Establish of Kenyatta ATC Agro 120 processing unit.	Building Promote entrepreneurship in agroprocessing through capacity	Agroprocessing unit establishment	Construct and equip the facility
Establishment of rice processing unit (Kimathi/Githuuri)	Enhance food and nutritional security through diversification	Rice mill establish Volume of Rice milled	Identify, construct and equip the processing unit
Establishment of cottage banana processing plant for training of upcoming entrepreneurs at SabaSaba.	Enhance market access and product development	Factory unit established. Volume of banana commodity	Establishing a cottage banana processing plant
Cassava value addition plant maragua ridge and Muthithi	Enhance market access and product development	Value addition machine installed	Equipping the already constructed facility
Establishment of Cottage Mango value addition centre Kiharu-One	Improve market access and income through home cottage approach in kahuro	A mango produce processing centre Volume of product made	Construct, Partner with private investors
Establishment of agro processing incubation centre in every sub county	Promote entrepreneurship in agro processing through capacity building and youth empowerment	Equipped incubation centre. No of youth trained No of enterprise Developed	Establishing of agro processing incubation
Promote of cottage sunflower production and establishment processing plant Maragua and Kigumo -2	Improve access to edible oil and byproducts for increased incomes	NO of farmers growing Processing Processing plant established Volume of oil extracted	Train farmers, provide sunflower, construct factories
Completion and rehabilitation of all stalled coffee pulping factory.	Improved market access through value addition in coffee	Volume of coffee processed and marketed	Provision of finances to complete the stalled coffee pulping factories
Establishment of growing	Commodity marketing	Number of contracts	Training farmers

contracts with buyers	enhancement	signed	
Establishment of supply chain logistics for commodity promotion (Streamlining of supply of farm inputs network strategy)	Reduction of process costs and improved efficiency in input access and affordability	Strategy done and implemented	Supply of farm inputs, Prepe a policy on farm inputs
Value chain mapping in key commodities in agriculture starting with vegetables/French beans and bananas, tea, coffee and other cash crops	Enhancing value chain functions and opportunity creation	Number of chains mapped	Mapping of value chain commodities
Support to county industrial park initiative through raw material production	Enhanced value addition	linkages developed and Volume of produce supplied as raw materials	Train farmers on value addition
Development of an agro based and detailed market strategy	Consolidation of market strategy	Strtegy in place and implemented	Prepare a strategy on marketing of products
Develop a nitch marketing plan for key high value crops	Develop segment approach	plan in place and implemented	Prepare a marketing plan

Sub-sector Objective no. 5: Promote sustainable land use and environmental conservation			
Project Name Location	Objective	Targets	Description of Activities
Promote and manage agroforestry farming systems	Protect the land resource base	Percentage increase in area under agro forestry	Partnering with communities living along the forest areas
Promote soil and water management	Promote 133sustainable land utilization	No.of catchments conserved	Conserve water catchment areas
Establish carbon trading projects	Sustainable utilization of natural resources Provide alternative income source	No of beneficiaries participating No.of Platforms Formed No. Carbon Units traded	Train farmers on carbon trading

Sub-sector Objective No. 6: Enhance institution efficiency and effectiveness in implementation and service delivery.			
Project Name Location	Objective	Targets	Description of Activities

Construction and furnishing of office facilities.	Improved work place environment	CDA office CDA office furnished Completion-3 SCAO Construction 2 new SCAO offices New Ward Offices-16 wards	Construction and furnishing offices
Phase lifting of Kenyatta ATC	Improved work place environment	Rehabilitation of pavements and walk ways Construction of new hostel Construction of gate Rehabilitation of the dinning hall	Rehabilitation and construction of the ATC
Provision of Transport Facilities,	Enhance extension service delivery through improve staff mobility	Vehicles- CDA and 3 SCAOs Motor cycles-100 units	Purchase of vehicles
Integration of ICT in extension	Improved information access and dissemination of agricultural technologies	Procure 100 laptops	Procure laptops
Develop and retain a well trained human resource	Staff training and development	No.of staff trained and recruited	Train and motivate staff
Feasibility studies for all crops.(Crops Census)	Provide information for planning implimentationand tracking progress	Research on all crops	Carry out studies,

Irrigation sub sector

Sub-sector Objective1: To complete all the fifteen ongoing small holder irrigation projects and three projects that are fully designed in the next three years.				
Project Name Location	Priority Ranking	Objective	Targets	Description of Activities
Kimathi/Githuuri		Irrigation water supply to communities	Intake work, Water 123 Conveyance	Construction of weir and pipe laying
Thathawa		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Gikindu		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Gacharu		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Gaitega		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Nyanjigi		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Kiranga		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Iharu		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Gatundu		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Boboti		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Ruchu		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Kibarabari		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Gikindu Kandabibi		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Mirichu Murika		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Riakomo		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying
Kamuiru		Irrigation water supply to communities	Intake work, Water 123 conveyance	Construction of weir and pipe laying

Sub-sector Objective2: To undertake a detailed survey and design for all the twenty eight proposed irrigation projects within the next three years.

Sub-sector Objective2: To undertake a detailed survey and design for all the twenty eight proposed irrigation projects within the next three years.				
Project Name Location	Priority Ranking	Objective	Targets	Description of Activities
Ichichi-Karura Irrigation		detailed survey and design	Design documents	Survey and design
Gataguagua-Kiruri Irrigation		detailed survey and design	Design documents	Survey and design
Gacharaigu		detailed survey and design	Design documents	Survey and design
Kaihi		detailed survey and design	Design documents	Survey and design
Mithanga/ Gachogi		detailed survey and design	Design documents	Survey and design
Mukurwe wa Nyagathanga		detailed survey and design	Design documents	Survey and design
Mukurwe Mweru-Nyakihai-Kigetuini		detailed survey and design	Design documents	Survey and design
Gaturi		detailed survey and design	Design documents	Survey and design
Mirira		detailed survey and design	Design documents	Survey and design
Kiangochi		detailed survey and design	Design documents	Survey and design
Kiangage		detailed survey and design	Design documents	Survey and design
Kamiraba		detailed survey and design	Design documents	Survey and design
Mukigia		detailed survey and design	Design documents	Survey and design
Kamukabi/Gatumbi/Gachocho/		detailed survey and design	Design documents	Survey and design
Kinyona/Kahumbu		detailed survey and design	Design documents	Survey and design
Irati-Kiiriangoro		detailed survey and design	Design documents	Survey and design
Iriguini-Kigumo		detailed survey and design	Design documents	Survey and design
Irati-Mariira		detailed survey and design	Design documents	Survey and design
UpperChathanda-Wa Kibugi		detailed survey	Design documents	Survey and design

		and design		
Gikarangu /Muthithi/Kanyau Valley		detailed survey and design	Design documents	Survey and design
Kiahiti-Njora-Githama-Thamara -Kagurumo		detailed survey and design	Design documents	Survey and design
Mucika		detailed survey and design	Design documents	Survey and design
Mugiki		detailed survey and design	Design documents	Survey and design
Marigu		detailed survey and design	Design documents	Survey and design
Githuya		detailed survey and design	Design documents	Survey and design
Kioneki		detailed survey and design	Design documents	Survey and design
Thugi		detailed survey and design	Design documents	Survey and design
Kiawanjumbi		detailed survey and design	Design documents	Survey and design
Witeithie		detailed survey and design	Design documents	Survey and design
Mbagiki		detailed survey and design	Design documents	Survey and design
Gakaki-Gitiri-Mbari ya Hiti		detailed survey and design	Design documents	Survey and design
Gakima		detailed survey and design	Design documents	Survey and design
Iria Kiriga		detailed survey and design	Design documents	Survey and design
Gathwariga		detailed survey and design	Design documents	Survey and design
Mukore Irrigation Scheme		detailed survey and design	Design documents	Survey and design
Karagia Irrigation Scheme		detailed survey and design	Design documents	Survey and design
Ndaka-ini Wanduhi		detailed survey and design	Design documents	Survey and design
Kambiti area		detailed survey and design	Design documents	Survey and design
Ndera-Thaara-Mazuri-(Makuyu)		detailed survey and design	Design documents	Survey and design
Kakuzi		detailed survey and design	Design documents	Survey and design
Mitubiri		detailed survey and design	Design documents	Survey and design
Mianyaini-Mugumo		detailed survey and design	Design documents	Survey and design
Mukundi-Ngelelya		detailed survey	Design documents	Survey and design

		and design		
Ikundu/Ititu		detailed survey and design	Design documents	Survey and design
Kagunduini		detailed survey and design	Design documents	Survey and design
Ngararia		detailed survey and design	Design documents	Survey and design
Muruka		detailed survey and design	Design documents	Survey and design
Kiriaini (Gatanga)		detailed survey and design	Design documents	Survey and Design

Ongoing Projects

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
Kigomo Irrigation Project Gatanga Constituency.		To provide water for irrigation	To irrigate 20 ha of land by 100 farmers by using sprinklers	Laying of pipes for the main distribution line. Irrigation system and Supervision
Riakomo – Thika Ridge Irrigation Project Gatanga Constituency.		To provide water for irrigation	To irrigate 20 ha of land by 100 farmers by using sprinklers	Laying of pipes for the main distribution line. Irrigation system and Supervision
Ndakaini – Wanduhi Irrigation Project Gatanga Constituency.		To provide water for irrigation	To irrigate 20 ha of land by 100 farmers by using sprinklers	Laying of pipes for the main distribution line. Irrigation system and Supervision
Kibarabari Irrigation Project Kandara Constituency		To provide water for irrigation from Kibarabari River	To irrigate 200 ha of land by 2000 farmers by using sprinklers	Laying of pipes for the main distribution line. Irrigation system and Supervision
Ajibika Irrigation Project		To provide water for irrigation from Ruchu River	To irrigate 200 ha of land by 2000 farmers by using sprinklers	Laying of pipes for the main distribution line. Irrigation system and Supervision
Iria – Kiriga Irrigation Project Gatanga Constituency.		To provide water for irrigation	To irrigate 20 ha of land by 100 farmers by using sprinklers	Laying of pipes for the main distribution line. Irrigation system and Supervision
Gathwariga United Irrigation Project Gatanga Constituency.		To provide water for	To irrigate 20 ha of land by 100 farmers by using	Laying of pipes for the main distribution line. Irrigation system and

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
		irrigation	sprinklers	Supervision
Gakoe Irrigation Scheme; Njumbi Division; Mathioya Constituency.		To increase area under crop production	Irrigate 50ha of land; Reach 350 farmers.	Extension of mainline and Sub main lines
Gakaki Irrigation Scheme; Murarandia Location; Kiharu Constituency.		To increase area under crop production.	To irrigate 60 ha of land for 300 farmers using sprinkler irrigation.	Extension of mainline and Sub-mains.
Kiamboka Irrigation Scheme; Mugoiri Location Kiharu Constituency.		To increase area under crop production	To irrigate 20 ha of land by 100 farmers by using sprinklers	Extension of mainline and Sub Mains
Gakurwe Irrigation Scheme Gaturi Location-Kiharu		To increase area under crop production	To irrigate 60 ha of land for 300 farmers using sprinkler irrigation.	Extension of mainline and Sub-mains.
Nyanjingi irrigation scheme; Kangema Constituency.		To increase area under crop production.	Irrigate 60 ha of land; Reach 300 farmers using sprinkler irrigation.	Extension of mainline and Sub-mains
Ititu/Ikundu irrigation project Nginda Location; Maragwa Constituency.		To establish an irrigation scheme so as to enable the community engages in horticultural farming.	Supply water to 200 farmers.	Installation of gravity pipeline system; Training members on operation and maintenance.
Kagenyo Irrigation Scheme		To Increase area under crop production	Irrigate 60 Ha of land to reach 300 farmers	Extension of Main line and Sub-Mains
Kimakia Ng'aragu-Marumi		To increase area under crop production	Irrigate 60 ha of land; Reach 300 farmers using sprinkler irrigation.	Extension of mainline and sub-mains
Thangaini-Kigumo		To increase area under Crop production	Irrigate 60 ha of land; Reach 300 farmers using sprinkler	Extension of mainline and sub-mains

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
			irrigation.	
Iria-Kiriga		To increase area under crop production	Irrigate 60 ha of land; Reach 300 farmers using sprinkler irrigation.	Extension of mainline and sub-mains
Thika Ridge		To increase area under crop production	Irrigate 60 ha of land; Reach 300 farmers using sprinkler irrigation.	Extension of mainline and sub-mains

New Projects

Projects Names Location	Priority ranking	Objectives	Targets	Description of activities
Mirichu –Murika Irrigation project.	1	To expand the project to serve Mugoiri, Githagara, Kiria, Gatundu locations.	Mirichu and Muruka residents	Expansion
Kiria-Gatundu	1	To serve Kiria and Gatundu locations	Gatundu and Kiria Locations	Rehabilitation and Expansion
Water Dam for Irrigation at Gatara.	1	To supply irrigation water to Murarandia, Mugoiri, Mbiri and Wangu.		Construction
Githambo Irrigation Scheme	1	To supply irrigation water to Githambo, Matharite, Theri, Gathaithi, Kairichi and Kaganda from Maragua river	Residents of Githambo, Matharite, Theri, Gathaithi, Kairichi and Kaganda	Construction of intake Weir, gravity mains and sub- mains
Water Dam for Irrigation at upper Mathioya River	1	To supply water for irrigation to cover Kiru, Kamacharia and Gaturi.	1	Construction
Witeithie Irrigation Scheme	1	To Supply Water for Irrigation to Residents of Thuita and Kamacharia and parts of Gaturi	Residents of Thuita and Kamacharia and parts of Gaturi	Construction
Kahinduini Irrigation Project (Gitugi)	1	To Supply Water for Irrigation to Njumbi, and Ngutu from Godo River	Residents of Njumbi, and Ngutu	Construction of intake Weir, gravity mains and sub- mains
Karuga Irrigation Project (Gitugi)	1	To Supply Water for Irrigation to Chui, and Gitugi from Mathioya River	Residents of Chui, and Gitugi	Construction of intake Weir, gravity mains and sub- mains
Karung'e Irrigation	1	To Supply Water for Irrigation to	Residents of Karung'e	Construction of

Project		Karung'e and Mihuti from Mathioya	and Mihuti	intake Weir, gravity mains and sub- mains
Kimathi Irrigation project	1	To extend the project	Kimathi area people	Surveying and mapping
Kwa-Muthungu(Kimathi)	1	To Supply Water for Irrigation to Cover residents of Kwa-Muthungu	Residents of Kwa-Muthungu	Installation of Hydrom Pump and rehabilitation of Pipeline
Gikongoma (Kigetuini)	1	To Supply Water for Irrigation	Residents of Mitundu and Mireria	Construction of Intake and Pipeline
Gituri-Gaitega irrigation project	1	To extend the project	Gituri and Gaitega residents	Piping
Kandundu Irrigation	1	To Supply Water for Irrigation to Residents of Kandundu, Mumbi, Majoyce, Kambwe, Kiangage and Konguini from Maragua River	Residents of Kandundu, Mumbi, Majoyce, Kambwe, Kiangage and Konguini from Maragua River	Construction of intake Weir, gravity mains and sub- mains
Gacharu-Muchungucha water project	1	To extend the project	Gacharu and Muchungucha residents	Piping
Gitei water project	1	To extend the project	Gitei community	Piping
Kiamboka irrigation project	1	To extend the project	Kiamboka residents	Piping
Gikandu irrigation project	1	To extend the project	Gikindu residents	Piping
Thathawa Irrigation Project	1	To extend the project	To cover phase three	Piping
Gakaki Irrigation Project	1	To extend the project	Gakaki residents	Piping and construction of reservoir tanks
Gacharaigu Irrigation Project	1	To supply water for irrigation from Mathioya River at Gachiragu coffee factory to serve upper Gaturi	Gacharaigu residents	Startup (construction of intake and piping)
Rwathia Irrigation Scheme	1	To supply water for irrigation from Godo and Mathioya Rivers to serve Rwathia	Rwathia residents	Startup (construction of intake and piping)
Kanyenyaini Irrigation Project	1	To supply water for irrigation from Mathioya Rivers to serve Kanyenyaini	Kanyenyaini residents	Construction of intake Weir, gravity mains and sub- mains
Wangu Irrigation Project	1	To supply water for irrigation to cover the entire Wangu ward	Wangu residents	Startup (construction of

				intake and piping)
Kinyona Irrigation Project	1	To supply water to kinyona, gacherage, gachocho, Kamukabi	Kinyona residents	Intake weir and pipping
Muthithi Irrigation project	1	To extend the project	Muthithi residents	Wells rehabilitation Kiawangonyo, Gituto PCEA muthithi
Irrigation Development Fund for Youth in Nginda	1	To Provide funds for purchase of irrigation equipment	Youths in Nginda Ward	Purchase
Dam Water for Irrigation (Ichagaki-Samar)		To supply water for Irrigation to Samar-Ichagaki	Samar-Ichagaki Residents	Rehabilitation of Dams and Pipping
Rwegetha	1	To supply water for irrigation to serve Rwegetha region	Rwegetha-Mabae Residents	Intake Weir and Pipping
Gitiri Irrigation (Kariara)	1	To supply water for irrigation to serve Gitiri region	Gitiri Residents	Rehabilitation
Kirwara	1	To supply water for irrigation to serve Kirwara region	Kirwara-Mabanda Residents	Intake Weir and Pipping
Ithanga Irrigation Scheme	1	To supply water for irrigation to serve Ithanga region	Ithanga residents	Intake weir and piping
Water Dam for Irrigation at Kakuzi	1	To supply water for irrigation to serve Kakuzi and Mitubiri	Kakuzi and Mitubiri residents	Dam Rehabilitation
Kabuku and Thamuru Rivers Irrigation Scheme	1	To supply water for irrigation to serve Mitubiri	Mitubiri residents	Deepening and Widening both Rivers
Kakuzi Irrigation Scheme	1	To supply water for irrigation to serve Kakuzi region	Residents of Kakuzi	Intake weir and piping
Kirimiri-Mugira-Makuyu-Pundamilia Dams Irrigation Project	1	To supply water for irrigation to serve Kirimiri-Mugira-Makuyu and Pundamilia regions	Residents of Kirimiri, Mugira, Makuyu and Pundamilia	Dam Rehabilitation
Ithanga Dams Rehabilitation		To supply water for irrigation to serve Giathaniini, Mwanja-Mbogo, Murara, Kaguku, Rubiru, Wamuthama and Kalia	Residents of Giathaniini, Mwanja-Mbogo, Murara, Kaguku, Rubiru, Wamuthama and Kalia	Dam Rehabilitation
Kagenyo Irrigation Scheme –Thaara River	1	To Supply Irrigation Water to residents of Kagenyo	Residents of Kagenyo	Intake weir and pipping
Katipanga-Kimorori-Githanji-Irrigation Scheme	1	To Supply Irrigation Water to residents of Katipanga, Kimorori, Githanji, Irrigation Scheme	Residents of Katipanga, Kimorori, Githanji,	Dam Rehabilitation

Kangangu Dam	1	To Supply Irrigation Water to residents of Gikono, Kangangu and Mangoto "A"	Residents of Gikono, Kangangu and Mangoto "A"	Dam Rehabilitation, Reservoir Tanks, gravity Mains and Sub-Mains
Sabasaba-Thaara Rivers Irrigation	1	To supply Irrigation Water to residents of Kamahuha	Residents of Kamahuha	Intake weir and pipping
Kamahuha Irrigation Scheme	1	To Supply Irrigation Water to residents of Kamahuha with source from the Aberdares	Residents of Kamahuha	Intake Weir, gravity Main line and Sub-drains
Mugumoini Irrigation Scheme	1	To supply water for irrigation to serve Mugomoini , Mbogoini, Mumbu, Gakarati and Kandani region from Sabasaba river	Residents of Mugumoini Mbogoini Mumbu, Gakarati and Kandani	Intake weir Gravity Mains and Sub-Mains
Gaitegi-Kigio Irrigation	1	To supply water for irrigation to serve Gaitegi –Kigio region	Gaitegi –Kigio Residents	Intake weir and pipping
Kibumbuini Irrigation Scheme	1	To supply water for irrigation to serve Kibumbuini region	Kibumbuini residents	Intake weir and piping
Makindi Irrigation Scheme	1	To supply water for irrigation to serve Muruka region	Muruka Residents	Intake and Pipping
Thugi Irrigation Project	1	To supply water for irrigation to serve Thugi region	Muruka Residents	Intake and Pipping
Kabuku Irrigation Project	1	To supply water for irrigation to serve Muruka region	Muruka Residents	Intake and Pipping
Kiruga Irrigation Project	1	To supply water for irrigation to serve Gitare, Mung'aria, Githumu and Ithiru region	Ruchu Residents	Intake weir and piping
Rugaiithi Irrigation Water Project (Ithiru)	1	To supply water for irrigation to serve Ruchu, Gaichanjiru & Ithiru region	Ruchu, Gaichanjiru and Ithiru Residents	Extension of Main Pipeline
Fofoti Kiamande Irrigation Water Project	1	To supply water for irrigation to serve Fofoti and Kiamande Residents	Fofoti and Kiamande Residents	Intake weir and piping

Livestock

Livestock Sub-Sector Projects

Sub-sector Objective1: Food security and safety				
Projects Location	Priority Ranking	Objective	Targets	Description OF Activity
Dairy breeding project		Increase population of high yielding dairy cows	Zero grazing unit established 200 dairy cows procured	Purchase of animals
Feed Mill Project		Avail affordable quality animal feeds to farmers	1 Feed mill constructed 12000 tons of feeds produced per year	Construction
Egg Hatching units (Incubator) project		Improved nutritional status of households	Increased population of indigenous birds by 20% 16 incubators procured	Construction , Purchase of incubators
Pasture and Fodder project		Avail high quality fodder and pasture	1000 acres of Pasture planted 1 tractor & its equipment acquired 24 Fodder bulking sites established 16 Hydroponic units installed	Purchase /Lease of land, Planting of grass
Dairy goat Breeding project		Increase dairy goat milk	Number of dairy goats to increased by 25% 2 processing plant installed	Procure dairy goats
Rabbit production project		Improve nutritional status of households	Increased population of rabbits by 100%	Purchase of rabbits

Sub-sector Objective2: Income generation				
Projects	Priority Ranking	Specific objective	Targets	Description of Activities
Milk coolers project		Bulking of dairy cattle milk	35 coolers installed and	Purchase and installation

			additional 2 for Kanyenyaini and 1 for Ruchu	
Milk Market Outlet within Murang'a Township		Bulk, pack and vend to customers		Purchase and installation of Vending Machines
Milk processing plant		Milk value addition	One milk processing plant operationalized	Construction, procurement and installation of equipment
Pig improvement project		Avail quality breeding stock to farmers	5000 breeding stock procured	Purchase high quality pigs
Pig products Value addition pilot plant		Promote pig production in Murang'a county	Number of pilot plants	Establishment of the plant, capacity building
Bee keeping project		Exploit honey production potential	5000 hives acquired per year, Additional 100 tons refined honey produced Refinery operationalized	Train farmers, Purchase of bee hives
Honey Processing Machines In Makuyu, Kimorori/Wempa Kambiti , Muthithi and Kahumbu		Exploit Honey Production	Farmers in Mithini, Gathaithi, Mutithi, Kimiriri , Makuyu, Muthithi	Procurement and Installation of Honey Processing Machines
Mutton and Chevon project		Increase mutton and Chevon production	5000 Dorper sheep and 5000 goats procured	Improve stock
Emerging and small livestock projects eg Guinea fowls		Diversification of livestock , Youth and Vulnerables empowerment	350 groups keeping guinea fowls small livestock	Train farmers on new emerging livestock
Emerging livestock products marketing		Look for a market for emerging livestock products	350 groups	Trainings, linking them to the market
Biogas production plant		Production of biogas in the county	Biogas plants in all wards	Identification of the site, establishment of biogas

Sub-sector Objective3 : Employment creation				
Projects		Objective	Targets	Description of Activities
Cow ownership (1 youth 1 cow)		Dairy farmers empowerment	105 improved dairy animals procured per year -75 zero grazing units constructed	Train, procure animals, form groups
Livestock development fund		Credit access for	1000 resource	Identify resource

		resource poor	poor farmers access credit every year	poor farmers
(Livestock inputs grant fund)		Giving seed capital to vulnerables	70 groups accessing the fund	Procure inputs for the groups
Capacity building for the youth on livestock rearing, beekeeping and poultry keeping		Youth empowerment	3000 youth in the county	Mobilising and training the youth

Sub-sector Objective 4 : Improved service delivery				
Projects Location	Priority Ranking	Objective	Targets	Description of Activites
Office blocks		Effective administration services	9 office blocks	Construction
Vehicles		Improved coverage of our clientele	10 vehicles	Procure vehicles
Motor cycles		Improved coverage of our clientele	35 motor cycles	Procuring motorbikes
ICT equipments		Enhanced e extension and data management	9 (computers, printers, smart phones, laptops, projectors, digital cameras)	Procure computers
New extension staff		Improved farmer staff ratio from 1:	100new staff employed	Recruit new staff
Staff training & Capacity building		Improved extension techniques	35 technical staff trained/capacity build	Training of saff
Livestock extension Services		Effective and efficient technology transfer	3200 households reached Staff training, seminars, workshops, tours	Visiting farmers
Livestock census		Validation and 146documentation of livestock figures & technology	Comprehensive livestock database	Carry out census exercise
Publicity & Promotion				

Veterinary Sub Sector

The following are the Projects/ Programmes in the veterinary sub- sector.

On-going Projects / Programmes:

Project Name Location	Priority Ranking	Objectives	Target	Description of Activities
Livestock vaccination campaign		Improve animal animal health and Productivity	Coverage 70% Against anthrax, blackquarter, foot and mouth, lumpy skin disease, rift valley fever, rabies	Two vaccination campaign per year county wide
Veterinary extension and inspectorate services		Improve animal health and Productivity by providing new technology	Inspect all the agro vets in the county; Offer advice to 80 % of the livestock farmers.	Recruitment of extension officer Procure vehicles and motorcycles Inspection of agro vets Inspection of AI centres Farm visits; Farmers' trainings and field days.
Veterinary Public Health		Safeguard human health Maintain high sanitary standards in slaughter facilities Meat Inspection	Inspect al meat consumed in the the county Upgrade Makuyu and Muranga slaughter house to category A Upgrade Kangema slaughter house to category B	Inspect and licence all slaughter houses and meat carriers
Leather Development		Production of high quality hides and skins Curing of hides and skins Construction of a tannery	Improvement of grade 1 from 80% to 95 % Increase avenues of revenue generation	Training and licensing of flayers; Inspection and licensing of bandas and stores.

Sub-sector Objective1: livestock disease control				
Project Name Location	Priority Ranking	Objective	Targets	Description of Activities
Vaccination of livestock against diseases		Prevention of livestock diseases of economic importance	No. of animals vaccinated	Mobilizccinatee and v
Tick control		Control tickborne diseases	No. of vaccinated	Train farmers
Tseste control		Eradication of Tsetse and Control of trypanosomosis	No. of traps set No. of flies trapped Amount of pour-on used	Train farmers, purchase of traps
Poultry vaccination		Prevention of Newcastle disease	No. of indigenous chicken vaccinated	Train poutry farmers,
Refurbishments and equipping of veterinary laboratories		Diagnosis of livestock diseases	No. operational laboratories	Procuring of equipment
Construction of veterinary offices at Mathioya, Gatanga, Kangema and Kigumo and refurbishment of offices at Kiharu, Kandara, Kahuro and Murang'a South.		Provide enabling working environment.	Number of offices built/refurbished	Construction and refurbishing
Staff recruitment		Employ 10, Veterinary Officers, 40 Livestock Health Assistants, 30 support staff to improve service delivery for all programmes and projects	Number of staff recruited	Recruit and induct new staff
Cattle Dips Rehabilitation		To promote Cattle disease contol	Need Basis	Rehabilitated cattle dips

Sub-sector Objective2: Increase livestock productivity				
Project Name & Location	Priority Ranking	Objective	Targets	Description of Activities
AI Project		Upgrade dairy cattle	No. of inseminations	Procure high quality

		breeds	done	semen
Veterinary extension and inspectorate services (Includes purchase of equipment, vehicles and motor bikes).		Educating livestock farmers on best livestock keeping practices Quality assurance of inputs	No. of farm visits No. of agrovets and private veterinary practices visited and inspected.	Visiting of / or inspecting agrovets/farmers/farms

Sub-sector Objective3: Facilitate access to market

Project Name Location	Objective	Targets	Description of Activities
Veterinary public health	Upgrade slaughter houses at Murang'a town , Makuyu and Kangema Provision of meat inspectorate services	No. of upgraded slaughter houses No. of carcasses inspected	Construction of modern slaughter houses
Cows Abbatoir in Kamacharia , Rwathia, Kimorori/Wemp a Kanyenyaini , Gitugi, Githumu and Gacharage	Upgrade Beef Cattle	Improvement of Farmers livelihoods	Construction of modern slaughter houses
Construction of pig and poultry slaughter houses in each subcounty	Availing of slaughter points closer to the livestock producers Promotion of piggery and poultry farming	No. of slaughter houses constructed	Construction of slaughter house for pig and poultry
Leather development	Production of high quality hides and skins Value addition to hides and skins	% of grade one hides and skins produced. Tannery constructed and operational	Construction of hides and skins factory/tannery

New/Proposed projects

Project Name Location	Priority Ranking	Objectives	Target	Description of Activities
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Artificial Insemination Services Project		Upgrade and improve dairy cattle breeds Control reproductive diseases Increase productivity	4 insemination centres per ward	Train Inseminators Purchase AI equipments Purchase Motorcycle Construction of AI crushes Construction/hiring of AI offices Staff and farmers training
Tick control Services (Revival of Dips)		Reduction of tick borne diseases incidence Improve quality of hides and skins.	Revive 12 cattle dips county wide Maragwa-1, Kandara-1, Kigumo-1, Mathioya-1, Kiharu-6, Kahuro-6	Rahabilitation of cattle dip Training of cattle dip Management committees; Training of farmers through field days. Purchase acaricide
Refurbishment and Equipping veterinary laboratory in Maragwa and Kiharu sub county		Provide livestock diagnostic services in the county.	Provide two fully equipped county laboratories in Maragwa and Kiharu.	Refurbishment of the lab structures Procurement of lab equipment.
Indegenous poultry vaccination		Reduces incidences of Newcastle disease outbreaks	500,000 indegenous poultry vaccinated	Procure vaccines Immunization
Contruaction of Pig and Poultry/rabbit Slaughter house in every Sub County		Safeguard human health Maintain high sanitary standards in slaughter facilities Enhance access to market	One pig and one poultry/rabbit slaughter house for every sub county	Construction of slaughter houses
Pork Processing Plant	Promoti on of Pork Meat Market and enhance d shelf life	1No processing plant constructed	Construction and equipping of the processing plant	
Construction , refurbishment and equiping of sub county offices		Provide good office accommodation	Avail good veterinary offices in 8 sub counties	Construction of four offices at Kangema , Kigumo, Mathioya and Gatanga Refurbisment of office at Maragwa, Kahuro, Kiharu, Kandara

Tsetse Fly and Trypanosomosis control		To reduce tsetse flies and livestock trypanosomosis	80% reduction of tsetse and tryps in kiharu, Gatanga and maragwa.	Setting tsetse traps Use pour on insecticides on livestock. Screening and treatment of livestock. Training livestock owners.
Purchase of vehicles and motorbikes		Improve service delivery	10 Double cabin pick ups and 100 motor bikes	Purchase of vehicles and motor bikes
Staff recruitment		Improve service delivery	10 Veterinary Officers, 40 Animal Health Assistants, 30 support staff	Employment of new staff

Fisheries Development

Sub-Sector on-going projects

Sub-sector Objective1:To contribute to food security and poverty reduction in the county				
Projects Location	Priority Ranking	Specific Objective	Targets	Description of Activites
Development of aquaculture. County wide(Fish farming enterprise productivity program)FFEPP		<ul style="list-style-type: none"> - Establish 600 liner ponds for institutions - Establish 1500 earthen pond to individuals farmers - Establish 400 ponds for fish farmers groups - To establish stockist for fishing gears, liners and equipments - To procure 7 feed pelletizing machines for each sub-county. - To capacity build the fisher folk. - To employ youth(Kazi kwa Vijana) 	<ul style="list-style-type: none"> -No of ponds constructed -No of beneficiaries/ institutions and farmers groups. -No of established stockiest -No of pelletizing machine -No of trainings carried out -No of youth employed 	Construction of new ponds, stocking, train fish farmers
Dam and river line fisheries development		<ul style="list-style-type: none"> - To increase area under fish 	No of dams rehabilitated- 50	Rehabilitate and restock ponds

countywide (Economic recovery poverty alleviation in regional dev.)ERPARD		<ul style="list-style-type: none"> production - To promote reclamation of public wetlands - To increase no of fisher groups - To increase rural incomes and reduce poverty. - Establishment of co-management groups - Capacity building - To promote eco-tourism and recreation fisheries 	<ul style="list-style-type: none"> No of wetlands reclaimed No of fisher groups To reduce poverty from current 36 % -No of co-management groups established No of recreation facilities established (sport fishing clubs recreation dams.) 	
Rehabilitation of fisheries infrastructure		<ul style="list-style-type: none"> - Rehabilitation of existing departmental seed production farm. - Rehabilitation of Kimakia fish camp 	<ul style="list-style-type: none"> -Rehabilitated fish seed production farm. -Fully rehabilitated Kimakia fish camp. 	Rehabilitate

Sub-sector Objective2: To create employment and income generation enterprises				
Projects Location	Priority Ranking	Specific Objective	Targets	Description of Activites
Development of investments in value addition and marketing(ERPARD)		<ul style="list-style-type: none"> - To construct 8 mini processing plants for each constituency - Capacity building. 	<ul style="list-style-type: none"> No of mini processing plants No of fisher folk trained. 	Construction, training of farmers

New projects

Sub-sector Objective1: To contribute to food security and poverty reduction in the county				
Project Name	Priority Ranking	Objectives	Targets	Description of activities
Development of fisheries infrastructure	1	<ul style="list-style-type: none"> - To establish fish multiplication center - To establish a hatchery 	<ul style="list-style-type: none"> -Established center. -Established hatchery 	Construct the hatchery
Construction of buildings (non residential) in all sub-counties. (offices, warehouses parking yards),	2	<ul style="list-style-type: none"> - To create a centre for county government service delivery on fisheries activities. - To house sub-county fishery staff and county government equipments. - To construct a parking yard. - To construct store/ warehouse 	<ul style="list-style-type: none"> No of sub-county offices constructed No of stores/warehouse No of equipments 	construction
Monitoring control and surveillance (MCS).	1	<ul style="list-style-type: none"> - To establish county residue monitoring plan (for export market). - To establish upstream controls. - To ensure compliance with county conservation and management measures and legislation. - Law enforcement 	<ul style="list-style-type: none"> -No of upstream controls carried out -Have an established county residue monitoring plan -No of county legislation on management conservation enforced. 	Visiting the rivers and ponds
Trout Fish Hatcheries in Kanyenyaini		- Promotion of fish farming		

Sub-sector Objective2: To create employment and income generation enterprises				
Project Name	Priority Ranking	Objectives	Targets	Description of activities
Development of fish safety, quality assurance e investments in value addition and marketing	1	<ul style="list-style-type: none"> - To develop 8 cold chains facilities - Development of 8 market auction sheds - Development of fish quality standards - Capacity building. - Eat more fish campaign 	<ul style="list-style-type: none"> No of cold chains No of markets sheds No of standards enforced No of trained No of campaigns done 	Construct auction centres
Procurement of motor vehicles, boats and	1	<ul style="list-style-type: none"> - To procure 9 double cabin motor vehicles and 18 motor 	<ul style="list-style-type: none"> No of vehicles procured 	Procure and issue

communication equipments		cycles - To procure 2 outbound engines and 2 boats.	No of motor cycles No of outbound engines No. of boats	
Development of Human resource capital(employment)	1	- To employ technical staff target 46 - To employ support staff target 24	No.of technical staff employed No of support staff. Employed	Recruit and induct staff
Staff Training and capacity bulding	1	- To train staff to aquire new and modern skills in Aquaculture - To train and gazette fish inspector,quality assurance and marketing managers	No of staff members trained No of fish inspectors trained and gazzetted	Carry out TNA, Train
Aquisition of land	1	- To create area for development of retail fish market, stalls, Auction sheds and processing units.	Area of land acquired in the 8 sub counties	Purchase land
Construct Fish pond in every public Primary and Secondary Schools	2	- To promote fish production in the county	All public school	Construction
Fish Cooling plant in every sub county	2	- To promote marketing of the fish and the life span	8	Procure cooling machine

Forestry Sub-Sector

The following are the other Projects/ Programmes in the forestry sub-sector

Ongoing Projects

The ongoing projects include:

Projects Location	Priority Ranking	Objective	Targets	Description of Activities
Agro forestry and woodlots development covering 50,000.00 Ha.		Increased access to tree products and increase income	Hectares of trees planted in the county	Planting
Rehabilitation of degraded sites through tree planting covering 500 Ha.		Increase tree cover in the county	Hectares of land rehabilitated through tree planting	Prepare ground, Plant seedlings
Purchase and distribute 5,000 energy saving stoves		Reduce household fuel wood consumption	No. of household using energy saving stoves	Procure energy saving stoves
Capacity building on tree planting for 10,000 farmers		Increased access to tree products and increase income	No of farmers trained	Train farmerson tree planting
Support planting of 4,000,000 seedlings in schools.		Increase tree cover and incomes	No. of seedlings planted in the schools	Distribution seedlings to schools
Establish 20 hectare of tree parks and arboreta		Increase tree cover	Hectares of tree parks and arboreta established	Planting of trees and nurturing
Put 2000 ha. of trees and woodlots under carbon trade		Increase incomes	Area of forest under carbon trade	Sensitise farmers Plant trees Enter into agreements
Plant 2,000,000 medicinal plants & herbs.		Increase incomes & access to medication	No. of seedlings planted	Planting and nurturing
Establish 2000 ha. of bamboo		Reduce tree cutting and increase forest cover and incomes	Hac. planted	Planting and nurturing
Set up 200 biogas and bio latrine plants		Reduce tree cutting and increase tree cover and income	No. functional plants	Procure items required
Propagate 500,000 fruit trees		Increase income and Nutrition	No. of surviving fruits trees	Planting and nurturing

Amenity & Urban tree planting in 125 sites		Tree cover increase and beautification	No. of sites planted	Planting and nurturing
Tree resource survey 24 Surveys		Establish tree cover changes	Surveys done and data Processed	Conduct survey
Exchange visits for farmers (250 farmers)		Capacity building in tree farming	No. of participants in visits	Take farmers education tour to other areas
Infrastructure and Equipment (offices, furniture, vehicles, computers & phones)		Improve efficiency in extension management	No. of offices/ equipment/ furniture purchased	Construct, , procure vehicles, and other equipment
Monitoring & Evaluation, annual : 40 reports		Assess the progress & plan for future	Reports	Carry out viits and prepare reports
Eco-lodge in Wanjerere Forest Station (private)				

Sub- sector projects

Sector Objective 1				
Projects	Priority Ranking	Objective	Targets	Description of Activites
Forest surveillance, patrols and security(30000ha)		Protection of existing forests	Area protected (Ha)	Imprompto visits, close surveillance
Rehabilitation of 250 Ha. of degraded forest through tree replanting		Restore forest cover	Area of forest rehabilitated (Ha)	Plant trees
Construction of 5 eco-lodges in forest		Improve incomes	Lodges (No) constructed in forest	Construction
Nature – Based IGAS Implementation 20 projects		Improve incomes for communities	IGAS (NO) completed and functional	Train farmers
Forest infrastructure and equipment provision(3 vehicles, 4 roads, 2 offices)		Improve infrastructure and access to equipment	KM of Roads improved, No of offices constructed	Procure vehicles and equipment
Tree Nursery In Kimorori/Wempa , Kanyururu, Kirimiri, Kambiti, Mithini, Kihara and Mutithi in Makuyu and Kairi in Kamacharia ,Rwathia Gitugi , Theri , Kahithe ,Gacharage,		Increase Forest Cover	Number of Trees planted	Development of Tree Nurseries for increase of Forest cover

Mung'aria , Gichagiini and Mutheru				
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Sector objective 2				
Projects Location	Priority Ranking	Objective	Targets	Description of Activites
Establish and manage 100 hectares of forest plantations		Increased access to tree products and	Hectares of trees established and managed	Plant trees
Manage 1500 hectares of forest plantations		Increased ccess to tree products Revenue Generation	Hectares of trees managed	Nurture planted trees
Train 200 and saw millers on wood recovery Technology		Reduce tree cutting and wood consumption	No. of saw millers trained	Train

Stalled Projects:

Kiambicho Forest Office and Forester's house

Environment

On going Projets Projects

Project Name Location	Priority Ranking	Objectives	Targets	Description of activities
Rehabilitation of degraded sites such as quarry. (Countywide)	1	Environmental restoration	Environmental Sustainability.	Tree Planting Soil erosion Control.
Designated Dumpsites. (Countywide)	1	Effective solid waste management	Improved waste disposal and management for clean environment.	Allocation of dumpsite site. Construction/Fencing.
Acquisition of exhausters. PPP/LIAISON with water companies (Countywide)	1	Effective toilet waste disposal	Improved waste disposal and management for clean environment.	Procurement. Purchasing.
Advocacy for enforcement of environmental laws. (Countywide)	1	Awareness on Environmental matters	Increased knowledge on Environmental issues.	Media campaigns. Posters.
Sensitization on water treatment measures as a measure on operation of water wells and boreholes. (Countywide)	2	Awareness on water treatment	Improved water sanitation knowledge to control water borne related diseases	Media campaigns. Posters Trainings
Introduction of water bowsers by water companies. (Countywide)	2	To ensure availability and access to clean water.	Improved access to clean water	Water trucking.
Expansion, rehabilitation and Construction of water supply systems (Countywide)	2	To ensure availability and access to clean water.	Improved access to clean water	Construction works Piping. Chlorination. Water metres installation.
Construction of refuse chambers in all shopping centers in all the Wards within the County		Effective solid waste management	Improved waste disposal and management for clean environment.	Construction.
Rehabilitation of refuse chambers in all the Wards within the County.		Effective solid waste management	Improved waste disposal and management for clean environment.	General repair.
Construction of Modern Toilets in all shopping centers in all the Wards within the County		Effective solid waste management	Improved waste disposal and management for clean environment.	Construction. Installation of water tanks.
Construction of Sewerage systems within shopping centres in all the Wards within the County.		Effective solid waste management	Improved waste disposal and management for clean environment.	Surveying Construction Plumbing.

Installation of 10 RGS stations, and 5 meteorological stations.	1	Strengthen monitoring networks to enhance data collection and improve information management system.	Ensure appropriate monitor of meteorological stations.	Procurement Equipping Assembling
Enhance Institutional Capacity	2	Improve the use water resources management tools for effective water resources planning and allocation.	Ensure operational active WRUAs in place.	Hold consultative meetings Public barazas Harmonization of statutes
Identification of areas for climate change	3	Strengthen stakeholder collaboration to enhance water storage and adaptation to climate change impacts.	Ensure stakeholders involvement in climate change and adaptation.	Partnering with stakeholders. Identification of activities for implementation.
Construction of Water Harvesting facilities	4	Strengthen stakeholder collaboration to enhance water storage and adaptation to climate change impacts.	Ensure stakeholders involvement in climate change and adaptation.	Develop Sub Catchment Management Plans (SCMPs)
Conservation of water Catchments	5	Strengthen enforcement mechanism and collaboration for effective catchment and conservation.	Ensure proper water conservation methods in place for sustainable use.	Ensure Compliance of permit conditions. Partnering with stakeholders. Carry out water abstraction & pollution surveys of point and non-point source Develop water allocation plans
Staff training/capacity building	6	Building staff capacity and improve work environment	Improved knowledge in water related matters.	Hold anti –corruption and HIV workshops. Skill development on new and fresher courses.
Construction of water analysis laboratory	7			sourcing for plot and plans, resource mobilization, actual construction
Storm water control in Kimorori/Wempa ward.		To improve storm water drainage	Improved clean environment	Construction of drainage.
Purchase of vehicles for waste collections. (County wide)		To have adequate and proper means of waste transportation to the dumpsite in place.	Improved waste disposal.	Purchasing of vehicles.
Rehabilitation and conservation of dams/wetlands (County wide)		Improved environmental conservation	Ensure environmental sustainability.	Rehabilitation and conservation measures in place.
Designate sanitary land fills		Improved environmental conservation	Ensure environmental sustainability.	Rehabilitation and conservation measures in place.
Acquisition of bulldozers		To have adequate and proper means of waste transportation to the dumpsite in place.	Improved waste disposal.	Purchasing of vehicles.
Biogas production at household level		Clean energy/waste management	Availability of cheap energy	Train farmers, procure equipment needed.

Environmental planning and assessment		Prepare environmental planning and assessment guidelines.	Action plan in place	Prepare a plan
Construction of county environment office		Better coordination	Operational environment office.	Construction and equipping

Sub-sector Objective1: Integration of principles of sustainable development into the county's policies and programmes.

Projects Location	Priority Ranking	Specific Objective	Target	Description of Activities
Rehabilitation of degraded sites		Restore degraded sites	No. of sites rehabilitated	Covering holes, planting treesRehabilitate
Designate sanitary landfills		Proper waste mgt	No. of landfills in place	Identify and designate aplace
Acquisition of garbage transport vehicles		Proper waste mgt	No. of vehicles bought	Procure vehicles
Acquisitionof Backhole/or Bulldozers		Proper mgt of waste	No. acquired	Procure
Construction of waste transfer stations in all Urban Centres and Refuse chambers in all Shopping Centres		Proper mgt of waste	No. of chambers constructed	Construction works
Biogas projects at household level(Subsidy)		Clean energy/waste mgt	No. of units installed	Train farmers, procure equipment needed
Acquisition of Exhausters (PPP with water companies)		Procure a Proper waste management	Exhausters acquired	Procure exhausters
Advocacy and enforcement of Environmental laws		Establish legal environmental committee	Committee established	Form committees
Environmental Planning and assessments		Prepare county environmental action plan	Action plan in place	Plepere a plan
Construction of county environmental office		Create a conducive working environment for staff	Office constructed	Construction

Sub-sector Objective2:

Project Name Location	Priority Ranking	Objective	Targets	Description of Activities
Refuse recycling		To recycle the refuse	1 no.refuse recycling	Site identification and

facility		and fertilizer production	facility	aquisition, establishment of the facility
Climate change management and mitigation		Environment and climate conservation	Climate change programmes	Indentification of threats, design of climate change projects
Acquisition of vehicles		Improvement service delivery	Vehicles acquired	Procure vehicles
Publicity and promotion		Awareness creation	No. of events held	Create awareness

(ii) New Projects (Environment)

Project Name	Priority Ranking	Objectives	Targets	Description of activities
Rehabilitation of degraded sites such as quarry. (County wide)	1	Environmental restoration	Rehabilitate degraded sites	Replanting, Erosion Control
Designated Landfills (County wide)	1	Effective solid waste management	Establish a dumpsite in every Sub County	Procurement and Modernization
Acquisition of Incinerators and exhausters.PPP/LIAISON with water companies (County wide)	1	Effective toilet waste disposal	Purchase exhausters and Incenerators in each Health Facility	Procurement, Training and Construction of Incenerators
Advocacy and enforcement of environmental laws. (County wide)	1	Awareness on Environmental matters	Advocacy campaigns	Media campaigns, posters etc
Increase tree planting. (County wide)	1	Increase tree cover	Plant trees	Tree planting
Sensitization on water treatment measures as a measure on operation of water wells and boreholes. (County wide)	2	Awareness on water treatment	Education Campaigns Advocacy campaigns	Media campaigns, posters, training sessions etc
Introduction of water bowsers by water companies. (County wide)	2	Increased access to clean water	Increasing the number of families accessing clean water	Water trucking
Zoning of towns/urban planning. (County wide)		Designate activities to sections of the towns	All towns planned	Cartography
Rehabilitation and conservation of Dams/wetlands. (County wide)	2	Increased access to water	Increasing the number of families accessing water	Dredging, desilting

Project Name	Priority Ranking	Objectives	Targets	Description of activities
Expansion, rehabilitation and Construction of water supply systems (County wide)	2	Increased access to water	Increasing the number of families accessing clean water	Construction works

Co-operative Development and Agro-Marketing Sub-Sector

(i) On-going Projects

The following are the on-going programmes/ projects.

Project Name & Location	Objectives	Targets	Description of Activities
Education and Training (County wide)	To enhance cooperative movement through education with a view to improving management.	Train 100,000 members of 130 co-operative societies; Recruit new membership of 50,000.	Conduct members' education day; Conduct HIV/AIDs awareness meeting; Conduct pre-cooperative training.
Registration of New Societies (County wide)	Promote new cooperatives through registration.	Hold 10 sensitization workshops; Registration of 15 new cooperative societies.	Conduct member education days, workshops and seminars for sensitization.
Reviving of dormant cooperative societies (county wide)	To strengthen cooperative societies in the county and enhance marketing of members produce.	Revive 21 dormant cooperative societies.	Sensitization of community; Training and restructuring the management of affected cooperative societies.

ii) Proposed Project

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
Formation of Cooperatives: <ul style="list-style-type: none"> • milk producers cooperatives • motorcycle/ boda boda cooperative • Horticulture cooperatives • Women cooperatives • Youth cooperatives • Saccos • Agro forestry Cooperatives (County wide)	1	Registration and functioning of the new Cooperatives	Cooperatives in all key sectors	Conduct member education days, workshops and seminars for sensitization.
Establish a Cooperative Development Fund (i.e Coffee revolving fund)	1	Strengthen cooperatives	1 fully operational development fund	Registration and operationalized of development fund

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
Establish Savings and Credit cooperatives(County wide)	1	Accumulation of savings by the citizens of Murang'a	1 savings investment cooperative	Registration Recruitment of members
Set up stabilisation fund(County wide)	1	Secure co-operatives against bankruptcy	Establish 1 fund and operationalise it	Public consultation, Registration and operationalisation
Establish Coffee processing plant(County wide)	1	Establish a plant for coffee value addition	1 plant in place and fully operationalised	Mapping, construction and Operationalizing
Rehabilitation and improvement of all 161 coffee factories in the county		To ensure value addition for coffee farmers through processing and storage awaiting marketing	County wide (As per the listed coffee factories in the county)	Rehabilitation, fencing, education and training
Restructure the entire coffee sector(County wide)	1	Improvement of the coffee sector and ensure value addition thus increased farm income	Reengineer the coffee sector	Organizational analysis
Develop an electronic management system in the Co-operatives(County wide)	1	Traceability of transactions conducted in the co-operatives.	Establish a system in all the cooperatives that's uniform	Design, training and operationalise
County cooperative Account System Review		Increase transparency, accountability in cooperatives	Account system put in place in all cooperatives	Purchase and installation of account systems
Ensure improved income for tea farmers through Value Addition and setting up cottages (County wide)	1	Cushion, empower and improve farmers income through established local market; Develop cottage industries to provide diversified tea products	County wide	Assessment of value chain; Farmers training
Develop and implement an Agro-branding and marketing strategy(County wide)	1	To promote Agri-business	1 branding and marketing strategy	Preparation of policy paper on branding and marketing
Identify markets for specific agro-products(County wide)	1	Established niche for Murang'a products in local	Identify markets	Map out markets

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
		and international markets.		Promotion
Establish growing contracts with buyers(County wide)	1	Facilitate and cushion farmers from exploitation by potential buyers	Number of contracts signed with the potential buyers	Mapping farmers and supervising farmers contracts
Establish supply chain logistics		To ease farm produce collection reducing losses	10 No. of strategy in place	Mapping, design and implementation
Purchase, installation and maintenance of Milk processing plant		Ensure value addition for milk farmers and improved income	One milk processing plant operationalized	Mapping, design, procurement, installation and operationalise the plant
Purchase and Installation of Milk coolers		Bulking and commercial marketing of milk	70 coolers installed	Mapping, procurement and operationalise
Purchase of special trucks for milk collection and distribution		Ease milk collection in the county	Purchase 35 special tracks for milk collection.	Purchase milk collection tractor
Estalish grading/collection centers for horticulture /coffee/ milk products (county wide)		To improve value addition for holticulture/coffee/milk product	70 Grading centers ; 350 No. collection centers in place.	Mapping and construction of grading and collection centers
Purchasing, installation, operationalise and maintenance of multi-fruit processing plant (county wide)		To improve value addition for fruit farmers through value addition	1 No. multi-fruit plant in place	Construction, procurement and installation of equipment
Setting up Agro-processing plants Rehabilitate existing Agr-processing and cottages		To enhance value addition and improve farmers income	Set up 8 No. Agro-processing plant; 10 No. rehabilitated	Mapping , construction and operationalise the plant Rehabilitation
Establish Vegetable canning plant (i.e. Kahumbu Ward, Rwathia Ward)	1	Cushion, empower and improve farmers income	Establish and operationalized 1 canning plant	Design, construction and operationalised plant
Establish banana value addition plant	1	Ensure value addition and improved farmers income	Establish and operationaliz	Mapping, construction and operationalised

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
(i.e kamahuha, kahumbu)			ed banana plant in Sabasaba	banana plant
Establishment of rice processing unit		To increase value for farmers output	1 rice mill established	Identify, construct and equip
Establish grain handling facilities (County wide)	1	provide storage for farmers	Establish 8 grain handling facilities	Mapping,construction and operationalised facilities
Establish Fish Cold storage facilities (County wide)	1	An efficient fish storage cold facilities	Establish 8 Fish Cold facilities in place	Mapping ,construction and operationalised facilities

7.1.6 Strategies to Mainstream Cross-Cutting Issues

Agriculture and Rural Development sector will ensure all cross cutting issues are mainstreamed in programmes and projects within the subsectors. The sector will therefore promote empowerment and participation of women, youth and other vulnerable groups in its activities. This will lead to reduced crime rates, increased employment opportunities and hence increased income.

The sector will continue to sensitize the community on the dangers of contracting HIV/AIDS and disaster management through workshops and seminars undertaken by various sub sectors. Enterprises such as dairy goats, kitchen gardens, traditional vegetables and fish farming which can provide nutrition to the infected people will be promoted. Through promotion of value addition of the agricultural produce, farmers will be able to fetch more from the market and thus reduce poverty as well create employment to the ever increasing population.

The focus of the sector will also be tailored towards technologies and enterprises that are friendly to the environment. This will include sensitizing farmers on the need to plant indigenous trees at the expense of water consuming exotic blue gum trees. Importance of protecting water catchment areas to improve water conservation will be promoted.

The sector will embrace ICT services as link with other sectors in the county and outside the county. With the use of ICT the sector will benefit a lot through E-commerce in marketing of its products. The sector will also access most of the information worldwide through use of ICT. Environmental conservation will be addressed through appropriate use of agro chemicals, forest conservation, good animal husbandry and appropriate farming methods.

7.2 General Economic, Commercial and Labour Affairs

The sector is represented in the county by the following sub sectors: trade, tourism, industrialization and labour.

7.2.1 Sector Vision and Mission

Vision

A globally competitive economy with sustainable and equitable socio-economic development, where citizens operate freely across borders

Mission

To promote, coordinate and implement integrated socio-economic policies and programmes for a rapidly industrialising economy.

7.2.2 County Response to the Sector Vision and Mission

In response to the sector Vision and Mission, the county have promoted enterprises which attract tourism through seminars and rehabilitation of tourist attraction centres like *Kimakia* fishing camp and *Mukurwe Wa Nyagathanga*. Aberdares eco-tourism has also been promoted as tourism attraction centre. The county has been encouraging manufacturing industries especially those which are value adding as well as promoting traders through awareness creation, development and nurturing of entrepreneur skills and investment culture, provision of consultancy and counselling services, disbursement of loans and construction of business market centres. The county has encouraged growth of wholesale and retail trade both in the urban and rural areas. The sector has been working closely with sub counties, the provincial administration and youth department to bring youth together with a view of assisting them to come up with income generating projects.

7.2.3 Role of Stakeholders in the sector

The following are the roles of stakeholders in the GECLA sector.

Stakeholders	Role
Department of Tourism, Labour, Trade and Industry	<ul style="list-style-type: none"> Provide policy guideline and funding for infrastructural development and do promotions. Regulation and safeguard rights of employees Provide loans to traders
KIRDI	<ul style="list-style-type: none"> Research and Technology transfer
KIE, KTB	<ul style="list-style-type: none"> Provide funding for infrastructural development Implement projects in this sector.
KEBS	<ul style="list-style-type: none"> Products quality control
Trade unions	Champion the rights of employees
Private Sector	Investment in hotels and industries
SMEs	Uptake of business opportunities
Weights and Measures Department	Promotion of fair trade and consumer protection
Workers Association e.g FKE	Champion the rights of government workers
Micro and Small Enterprise Authority (MSEA)	To promote, creation and development of micro, small and medium enterprises
Business community, hoteliers and investors	Uptake of new investment opportunities provided
NGOS, CBOS AND Civil society	Supplement the county government in resource mobilization, community mobilization, dissemination, service provision and capacity building
Local community	Planning and implementation, monitoring and evaluation of projects
Suppliers	Supply of goods, services and works
Kenya Wildlife services	Promoting tourism in the county
Kenya Forest service	Regulating of Timber industry
KENAS	Accreditation services in metrology industry
OIML	Formulation of guidelines on testing procedures of metrology instruments

7.2.4 Projects / Programmes

The county has two flagship projects and six other projects in the general economic, commercial and labour affairs sector. In addition, there are two stalled projects, proposed new projects and some outstanding projects in this sector. The following tables summarize all of them.

Trade and Investment Sub-Sector

(i) On-Going Projects and Programmes

The following are On-going projects and programmes;

Project Name & Location	Objectives	Targets	Description of Activities
Joint Loans Board county wide	Increase the efficiency of the board; To Provide credit to MSMEs.	Issue Kshs. 100 millions in loans annually; Recover 100 % of the issued loans.	Receiving applications; Vetting applications and holding joint boards; Hold meetings to approve loan applications; Set up loan recovery exercise by issuing notices to defaulters and contracting department collection.
Micro, Small and Medium Enterprises (MSMEs) Training (county wide)	To improve entrepreneurial skills of small business people.	Train 2800 traders in each of the 8 sub-counties	Recruiting traders for the training; Liaising with institutions offering traders courses; Carry out traders need assessment.
Facilitate MSMEs to participate in local, regional and international exhibitions and trade fairs (County wide)	To enhance MSMEs access to markets	1000 MSMEs facilitated to attend trade fairs and exhibitions	Conduct MSME market research, survey and analysis, Identify suitable MSE operators Vet the exhibits and recruit exhibitors Identify and procure suitable venues Transport exhibits to venues, Participation of MSEs in local & international trade fairs

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(ii) New Projects

Project Name	Rank Priority	Objectives	Targets	Description of Activities
Verification and inspection of trade and trade equipment	1	To ensure compliance to set act; To ensure weigh and measures used by traders are accurate	Traders in entire county	Carry out routine inspection of trade premises; Carry out verification and stamping of weigh and measures equipment
Establish physical metrology laboratory	2	Traceability of standards	1 laboratory in place	Construct , Equip and Operationalize 1 laboratory
Natural Resource and business Mapping (county wide)	1	To come up with county business enterprises data bank. To come up with county natural resources data bank	1 data bank for business enterprises in place. 1 data bank for natural resources in place	Mapping and categorizing trade and business in all trading centres county wide Mapping and categorising of natural resources within the county
Set up Resource Information Center (County wide)	1	To ensure availability of information on trade and investment	8 resource centers in place and operationalized	Construct and equip information resource centers in all the 8 sub-counties
Setting up fully equipped weights and measures office County HQ	2	To have Increased consumer confidence and protection	Equip 1 weight and measures office	Tendering and procurement of all required equipment
Acquisition of motor vehicles	1	To ensure Improved service delivery	To purchase 4 vehicles with one specialised mobile workshop	Tendering and procurement
Costruction and installation of weighbridges along sand harvest areas (county wide)	2	To Improve revenue collection	Erect weighbridge in ward harvesting areas	Tendering and procurement
Establish, rehabilitation and	2	To promote trade within	Construction,	Construction of markets

maintenance of markets (county wide)		the county	Rehabilitation and maintenance of markets (see Annex)	and maintenance of the existing ones
Setting up and construction of Market Shades/stores (modern kiosk) in all shopping/tradingcenters	1	Improve the market condition	Setting up of market shades in entire county shopping centres	Construction, maintenance and fencing of market shades
Setting up and construction of Bodaboda sheds in all shopping/trading centers (county wide)	1	Support and empower bodaboda	Setting up of bodaboda sheds in trading centers and along the main bus stages	Mapping and construction of bodaboda sheds
Development of framework for Private and Public Partnership PPP's(County wide)	1	A concept paper on the strategies of having a value adding public and private partnership(PPP)	1 framework for PPP's	Writing concept paper
Investment mapping County wide	1	To come up with County investment opportunities data bank	Mapping and categorizing investment opportunities in all the 8 sub-counties	Mapping and Itemizing investment opportunities in the county.
Create a county investment corporation	1	Establishment of an investment corporation	1 county investment corporation developed	Formation and operationalise investment corporation
Reservation of trading spaces in all markets and juakali centers for persons with disabilities which are accessible and disability friendly	1	Economic empowerment and uplifting the living standard of the people with disabilities Ease of access to the market	Person with disabilities	Policy formulation for space allocation in the markets; Identify and reserve space in market, trade areas, juakali sheds and markets stall Construction of friendly toilets for persons with disability.
Establishment of special toilets for Person With	1	Support and empower persons with disability	Persons with disability	Construction of toilets

Disabilities in Public Utility areas (i.e markets areas, juakali centers)				
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(iii) Flagship Projects

Project Name & Location	Objectives	Targets	Description of Activities
Construction of Wholesale and retail outlet hub (i.e. Maragua Vision 2030 flagship project)	To strengthen informal trade through infrastructure, training and marketing linking to wider local and global markets.	8 wholesale hub.(1 per subcounty)	Construction of a wholesale hub.

Industrialization Sub-sector

I. New projects and programmes

Name of project Location	Rank Priority	Objectives	Target	Description of Activities
Set up County Industrial Parks (County wide)	1	To establish Industrial parks and improve value addition	Establish 8 County Industrial Park	Mapping construction and operationalised park
Set up Industrial Development Centres for Juakali/Artisan	1	Promotion of Jua kali artisans.	70 No. Juakali/Artisan centers	Mapping, Design and Construction
Develop MSMEs industrial parks countywide	1	To expose MSMEs to technology and knowledge transfer	8 Industrial parks developed	Mapping, Construction and operization of MSMEs park
Carry out resource mapping, exploration and valuation (county Wide)	2	Successful resource mapping and valuation of discovered minerals	All wards covered	mobilize people to identify resources available
Develop, upgrade/re-design the worksites to adapt to the market needs	2	To create a conducive work environment for MSMEs	Worksites developed and upgraded	Construction and equipping
Develop Pork processing plant	2	Promote pig farming, value addition and Employment	Establish and operization of 1 plant	Mapping, construction and operationalise the plant
Setting up stone crushing	1	Provide employment	Establish and	Mapping construction and

plant for ballast (County wide)		activity	operationalise 1 plant	operationalise the plant
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LandsPhysical Planning (Spatial Planning) Sub-sector

1.6 Land Projects and programmes

On Going Projects

Projects Location	Specific Objective	Targets	Description of Activites
Kigumo Local Physical Development plan	To provide a basis for investment and use of land in urban and rural area.	<ul style="list-style-type: none"> Physical development plans Well planned towns and rural areas 	<ul style="list-style-type: none"> Prepare draft for presentation to stakeholders Incorporate comments/revise Publish and gazette Approval by the County.
Muthithi/Gikomora zoning plan	Legalise the plan for ease of implementation	<ul style="list-style-type: none"> Muthithi/Gikomora Zoning plan 	<ul style="list-style-type: none"> Printing of plan Publishing Approval by county
Registration of Land transactions	To ensure security of land tenure and facilitate investment.	<ul style="list-style-type: none"> Secure land transaction 	<ul style="list-style-type: none"> Ascertain land rights Register titles Register Land transactions Replace damaged/worn out land documents Compile an inventory of all leased County land for rent revision Asset valuation Valuation for stamp duty
Resolution of land disputes	To minimize land conflicts	<ul style="list-style-type: none"> Minimized land conflicts/disputes 	<ul style="list-style-type: none"> Resolve land boundaries disputes Clear pending land disputes Reconstitute and train members of Land Control boards.
Improvement of land registry	To meet increased demand for land services and enhance service delivery.	<ul style="list-style-type: none"> Improved land registries Land registries refurbished 	<ul style="list-style-type: none"> Construct new land offices to accommodate land registry and physical planning at sub

			county level <ul style="list-style-type: none"> • Refurbish existing registries
Mapping and updating of topography maps	To generate, maintain, update and disseminate geographical data for land use planning.	<ul style="list-style-type: none"> • Updated and maintained maps and plans to support land registration • Updated topographical and urban maps 	<ul style="list-style-type: none"> • Establish GISlab and database compatible with RIMS • Revise and update existing topographical maps • Carry out mapping of the uncovered areas • Geo – reference Preliminary Index Maps diagrams (PIDs) and Registry Index Maps • Publish and disseminate survey data • Harmonize land reference numbering systems

New Projects

Project Name	Priority Ranking	Objective	Targets	Description of Activities
Preparation of county spatial plan	1	To Promote appropriate and efficient land use	Sustainable and harmonious developments	mapping and delimitation
Revision of Murang'a town zoning plan	1	To coordinate the process of spatial development in the town	Well planned functional town	Update of existing maps/developments
Revision of Kangema physical development plan	1	To guide and link development within the region	Well planned functional town	Update of existing maps/developments Revision of the town boundaries
Operationalisation of Kenol Zoning Plan	1	To improve on developments and the image of the town	Well planned functional town	Implementation of the zoning plan
Re-planning of Mununga Town ZoneB Development plan	1	To improve on developments and the image of the town	Well planned functional town	Update of existing maps/developments Revision of the town boundaries
Re-planning of Kangari Town	1	To improve on developments and the image of the town	Well planned functional town	Update of existing maps/developments

Re-planning of Kandara Town	1	To improve on developments and the image of the town	Well planned functional town	Update of existing maps/developments Revision of the town boundaries
Preparation of Muruka, Kaguthi, Kiguoya, kamae towns plans.	2	To improve on developments and the image of the urban centres	Well planned urban centres	mapping and delimitation of urban centres
Preparation of physical development plan in all urban centres (County Wide)	1	To improve on developments and the image of the urban centres	Local physical development plan in place	mapping and delimitation of urban centres
Preparation of physical development plan for Ndakaini tourist resort centre	1	To improve on developments and the image of the resort area	Local physical development plan in place	Mapping and delimitation of resort area
Preparation of part development plans for public land	1	To improve on coordinated development activities	Part Development plans in place	Mapping delimitation of all public land
Mapping all ecologically and culturally sensitive areas (County wide)	1	To Conserve and protect ecologically and culturally sensitive areas	Conserved and protected ecologically and culturally sensitive areas	Mapping and delimitation of ecologically and culturally sensitive areas

Land banking project	1	To have for future development	1000 Hectares	Purchase of land for various development
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Tourism Sub Sector

(i) New Projects

New projects in this sector include:

Project Name	Rank Priority	Objectives	Targets	Description of Activities
Develop a tourism county marketing, branding strategy and communication.	1	Increase in the number of local and international tourists coming to Murang'a	1 tourism county marketing and branding strategy	Developing and implementing strategy
Map and develop tourism sites, circuits and events	1	Identification of tourist attractions and events in Murang'a	tourism circuits in all wards	Mapping sites Developing sites
Develop hotels and conferencing facilities consider PPP e.g. with KICC	2	Increase employment/business opportunities and living standards	Develop hotels and conferencing facilities all wards	Tendering Construction works
Promotion & marketing of Mukurwe Wa Nyagathanga and other heritage sites (Kiharu)	1	Enriching the Gikuyu heritage hence becoming a tourism attraction.	1 site promoted	Publicity
Develop motor sports in the county	2	Attraction of participants and spectators from different parts of the country to Murang'a	1 motor sports proposal developed	Developing proposal Implement proposal
Establishing animal orphanage (Kangema and Kiharu)	2	Promote tourism	2 sites of animal orphanage established	Construction of 2 animal orphanages
Promotion & marketing Gakoigo Stadium (Games and agricultural shows) Kiharu)	2	Interest from football Clubs to play in Murang'a	Promotion & marketing 1 Stadium	Marketing
Develop high altitude sports training	2	Attracting high profile runners to training in Murang'a	High altitude sports training	Marketing Training
Promote and Market Gacherange & Kinyona stadium	2	All sports	2 stadiums	Marketing
Develop a tourism county marketing, branding strategy and communication.	1	Increase in the number of local and international tourists coming to Murang'a	Strategizing and branding 1 tourism county marketing	Senintising people
Map and develop tourism	1	Identification of tourist attractions	tourism circuits	Identify sites

sites, circuits and events		and events in Murang'a	in all wards	
Develop hotels and conferencing facilities consider PPP e.g. with KICC	1	Increase employment/business opportunities and living standards	Hotels and conferencing facilities developed in all wards	Partner with private developers
Promotion & marketing of Mukurwe Wa Nyagathanga and other heritage sites	1	Enriching the Gikuyu heritage hence becoming a tourism attraction.	1 site established	Market cultural centres
Develop motor sports in the county	1	Attraction of participants and spectators from different parts of the country to Murang'a	Proposed 1 motor sports developed	Start motor sports
Establishing animal orphanage/sanctuary	1	Promote tourism	2 sites of animal orphanage established	Fencing and construction
Promotion & marketing Gakoigo Stadium (Games and Agricultural shows)	1	Interest from football Clubs to play in Murang'a	1 Stadium marketed and promoted	Publicise Gakoigo show
Develop high altitude sports training	1	Attracting high profile runners to training in Murang'a	High altitude sports training	Training people partnering with investors

7.2.5 Strategies to Mainstream Cross-Cutting Issues

Deliberate efforts will be put in place to reduce poverty levels for those engaged in this sector through acceleration of trade and industrial activities. Industries will be required to maintain the health, safety and environmental requirements to avert disasters in places of work. HIV and AIDs programmes at work place will be initiated and made integral part of routine work.

Promotion of tourism in the county will create new job opportunities and markets for farm products. By embracing ICT the sector will promote cultural tourism products as a brand and market county tourism locally and internationally.

In mainstreaming of cross cutting issues, the subsectors will provide training for women and youth engaged in sector related activities. All subsectors will integrate security issues in their activities in order to sustain growth and promote more investment.

7.3 Energy and Infrastructure

The sector is represented in the county by the following sub sectors: County government, roads, transport, energy, public works, and information and communication.

7.3.1 Sector Vision and Mission

Vision

A World class provider of cost-effective physical and ICT infrastructure facilities and services

Mission

To provide efficient, affordable and reliable infrastructure for sustainable economic growth and development through construction, modernisation, rehabilitation and effective management of all infrastructure facilities.

7.3.2 County Response to the Sector Vision and Mission

To attain the vision and the mission, the county has continued to implement the annual road works programme in collaboration with other stakeholders to put in place the necessary infrastructure for rapid socio-economic development. The county will intensify routine maintenance of road network in and upgrade the earth road to all weather roads. Efforts have been made to expand the rural electrification programmes to cover most trading centres and expand ICT coverage to improve communication to open up commerce and trade. ICT is expected to ensure that information has been disseminated to the masses and also provide the public with correct information and create/portray a good image of the government. Most government department house ICT equipment but they are not fully utilized and the emphasis will be therefore on upgrading ICT skills and expanding existing facilities. The county will work closely with the existing research institutions to Develop ICT skills.

7.3.3 Role of stakeholders

The following are the roles of stakeholders in the EII sector.

Stakeholder	Role
Government agencies	Provide policy direction, financing, supervision and implement programmes. Classification of roads and laying of infrastructure
County governments	Promotion of investments and improvement and maintenance of infrastructure
Private sector	Finance, provision of services provision of infrastructure
Local community	Identify needs and prioritise them.

	Ownership and provision of security to the infrastructure
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7.3.4 Sector resources, constraints, achievements and strategies

Priorities	Resources	Constraints	Achievements	Strategies
	Murram, quarrying materials for road construction and maintenance, business oriented people, tea coffee cess, devolved funds , numerous river which generate hydro power ,	Inadequate funding; Steep terrain rendering rehabilitation costly; Poor harmonization of road work plans between KeRRA, KENHA, KURA, tea and coffee cess committees, local authorities and CDF committees; Encroachment that inhibit roads development. Frequent power outages; Transformer Vandalism Rampant theft of computers. High operation costs.	Increased electricity connectivity through REP, Routine maintenance of all roads, provision of ICT training and supply of ICT equipment to some institutions of learning, Increased access to computers through zero rating of ICT equipment by the government	Harmonize all road works in the county; Mobilize donor; programmes on road improvement; Public education on maintaining roads. Public education; Involve consumers on policing on power lines and transformers; Connect more consumers. Increase use of internet services in the county; Proper dissemination of information at all levels

7.3.4 Projects/ Programmes

Energy Sub-Sector

I. New project proposals

Project Name	Priority ranking	Objectives	Targets	Description of activities
Develop and implement a rural electrification master plan	1	to have an harmonized and integrated rural electrification in the county	1 master plan for the entire county	-Preparation of the master plan (community mobilization, data collection,

(County Wide)				validation)
Construct a biogas plant (County Wide)	1	Provide alternative source of power	One biogas plant for the whole county	-Feasibility study -Construction works of the biogas -Piping works
Construction of 5Mw power plant (County Wide)	1	Increased access to cheap sustainable source of energy	1 in the county	Feasibility study Construction works Electromechanical works
Installation of power to all institutions in the County (Schools, hospitals, administrative offices, shopping centres) (County Wide)	1	Increased access to sustainable source of energy	All institutions not connected	Power line Connections
Alternative energy sources for house holds (County Wide)	1	Provide alternative sources of energy	County wide	-Research work -Construction works -Community Trainings -Installations
Provision and maintenance of new and existing floodlights (County wide)	1	Improved security	All major towns and public institutions	Purchasing Installation Maintenance
Generate electricity using mini-hydro, solar and wind energy (County wide)	1	To increase energy sufficiency	Construction of electricity generation plants to increased electricity supply county wide	-Feasibility study -Construction works
Provision of	1	enhance power supply to the	Provision of	Installation of

transformers at the following areas: Kigoru, including all tea buying centres within Nginda ward		community	electricity transformers in the specified areas and institutions within Nginda ward	electricity transformers
Provision of transformers at the following areas within Kinyona ward: Karinga, Kagundu, Karinga karabai, kinyona, Karera, ngoru, GichukaKinyona thengeini, including all tea buying centres	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Kinyona ward	Installation of electricity transformers
Provision of transformers at the following areas within Kamukabi ward : Gikoe, Rarakwa weru, Gikoe 2, including all tea buying centres	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Kamukabi ward	Installation of electricity transformers
Provision of transformers at the following areas within Gacharage ward: Central Gacharage, Upper Gacharage, including all tea buying centres	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Gacharage ward	Installation of electricity transformers
Provision of transformers at the following areas within Gachocho ward: Gatumbu, Kariti, ndugamano including all tea buying centres (Kanyiri and Kiadegwa)	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Gachocho ward	Installation of electricity transformers
Provision of transformers at the following areas within Ithiru ward: kirarithia; kirikoini; gatundu; kanjuvi;	1	enhance power supply for the community	Provision of electricity transformers in the specified areas and institutions within	Installation of electricity transformers

Gathugu; karebuini; kamunyaka; kainguima-mutitu; kagono; muirugi; kieni an kanyama; kamoro			Ithiru ward	
Kaguthi- Gakarara micro power project (Ithiru ward)	1	enhance power supply for the community	Generate power supply targeting the entire population within the ward	Feasibility study, Power construction works of the plant
Provision of transformers at the following areas within within Ithiru ward: kiumba primary school; gitaro primary; Gitiri mbari ya hiti; Mesopotamia; Rugaita; mugwa nyoni; Kagira; Rugaita	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Ithiru ward	Installation of electricity transformers
Provision of transformers at the following areas within within Kangunduini ward mahuria- Kigumo; riandegwa- Githioro; Githunguri- Gitathi; githuguri- matuto; Githunguri- manyungu; ngambo- gaito areas	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within kangundu-ini ward	Installation of electricity transformers
Provision of transformers at the following areas within within Kakunzi/ Mitumbiri ward silage; kaloleni; iembeni; kwa jimmy; Kahuho; Shauri; Gatwikira; kamae; nanga; nginye	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Kakuzi/ Mitumbiri ward	Installation of electricity transformers
Provision of transformers at the following areas within within Gatari ward rutune primary school; matongu primary school;	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within	Installation of electricity transformers

kabwe primary school; kiamuri primary and secondary school; kaboi primary school; corongi nursery school; mweru secondary school; kariga nursery school; Gatitu primary school; gakira assistance chiefs camp; kihigo shopping centre			Gaturi ward	
Provision of transformers at the following areas within within Gituri ward gatwamikwa village; kiandungira and mwireri villages; majengo village; kiungu village- kangurumo sublocation; wanyambo village; rwatumu village; kamukuru village; gituri village- gigarango sublocation; Gititu village; kiangangirwa village; gathima village; ithirui village; Githunguri in kiaiti sublocation; kiungu a and B, thamara village and njora village		enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within the ward	Installation of electricity transformers
Provision of transformers at the following areas within within Gaturi ward; Karinga, Iganjo; mathingira; kaderedu; karugiro; ndorome; siranga; Githioro; kahaini; nyati; kandarataru; karia; manyata; rwanguno; gituri; Kaharati; wairuri; mumbu	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Gaturi ward	Installation of electricity transformers
Provision of transformers at the following areas within	1	enhance power supply to the community	Provision of electricity transformers in the	Installation of electricity

within Ngararia ward Mathuri and Kibuu- 3no of transformers; Kawendo pcea church; Gitige; kawedo kimundi;			specified areas and institutions within Ngararia ward	transformers
Provision of transformers at the following areas within within Muruka ward: Muruka sublocation; Kiranga sublocation; gutheru sublocation; Gatitu/ kiwambutu sublocation- 5no. each sublocation	1	enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within Muruka ward	Installation of electricity transformers
Provision of transformers at the following areas within within Ithanga ward mianyani sub- location- kasooni, Kyaume, mwanias mbongo, nduru ndune, lower kakuzi, mwanias musa. Giathanine sub- location:-ngurunga thayu, Ngurunga wa faith, waiharo, MCAs area, Kimani waithaka area, wamuhoro area, wamungai area, kamwiro area, malei area, Kiriko area Mugumo sub-locatio:- Rubiru area, kitooni area, maningo area, wamulala area Mukundi sub- location;- Kagemi, banana, legico, kaliaala, waweru, kitooni	1	enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within Ithanga ward	Installation of electricity transformers
Electrification of chief's offices at Kihumbuini and	1	enhance power supply to the community	Provision of electricity tranformers in the	Installation of electricity

Gituamba AP lines (Kihumbuini ward)			specified areas and institutions within kihumbu- ini ward	transformers
Construction of hydro power project -Ndiara community hydro-power project (Gatanga ward)	1	enhance power supply to the community	Construction of a power project to supply power to the people with Gatanga ward	Feasibility study, construction works of electricity project
Construction of hydro power project – gatanga central power project (Gatanga ward)	1	enhance power supply to the community	Construction of a power project to supply power to the people with Gatanga ward	Feasibility study, construction works of electricity project
Provision of transformers at the following areas (Kihumbuini ward) gathuthu; gachungu; miirini; micharage; kangongi; Kiriti; kiariua; chania; Gathangari; Turuga and mabae areas	1	enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within kihumbu- ini ward	Installation of electricity transformers
Electrification of the following areas within makuyu ward: all primary schools; Mithini polytechnic; all nursery schools; mwitumberia banana buying centre; kirimiri social hall; kianjugu ACK church; karima kogi church; mwitumberia catholic and ACK church.		enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within makuyu ward	Installation of electricity transformers
Provision of transformers at the following areas within Kiru ward: waranga; kora; warungora; kiriko; kanjama; gacharage-ini		enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within Kiru ward	Installation of electricity transformers

Wanyanga hydro power project (Kariara Ward)	1	enhance power supply to the community	Construction of a power project to supply power to the people with kariara ward	Feasibility study, construction works of electricity project
Installation of transformers in all primary schools within Kahumbu ward	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Kahumbu ward	Installation of electricity transformers
Provision of transformers in all tea buying centres and coffee factories; 2No. transformers in all sublocations (muguru ward)	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Muguru ward	Installation of electricity transformers
Provision of electricity in all schools; dispensaries; police posts (muguru ward)		enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Muguru ward	Installation of electricity transformers
Provision of transformers in all tea buying centres and coffee factories; 2No. transformers in all sublocations (Rwathia ward)	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Rwathia ward	Installation of electricity transformers
Provision of electricity in all schools; dispensaries; police posts and forest stations (Rwathia ward)	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and institutions within Rwathia ward	Installation of electricity transformers
Kagondo hydro power project (at kagondo and mathioya rivers)	1	enhance power supply to the community	Provision of electricity transformers in the specified areas and	Installation of electricity transformers

(Rwathia ward)			institutions within Rwathia ward	
Provision of transformers to the following villages within Ichagaki ward: gitige village; nyamukumbu; ikamba; kiriti A, B & c; kamuraya; fost; gitige-githuiya; kiamakumi; kamucheru; gaci; maisha mathi; ikuyu; githigi; gacagi mariki dam; kaigaini; karma; kibiriri; gathuguri; gititu; small earth; komu	1	enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within Ichagaki ward	Installation of electricity transformers
Provision of transformers to the following centres within Gaichanjiru ward: Ndiriini, kagumoini, manjuu/ Kamucii, Mumoini nursery and all the 14No. primary schools	1	enhance power supply to the community	Provision of electricity tranformers in the specified areas and institutions within Gaichanjiru ward	Installation of electricity transformers
Electrification of kangudu village in Mbiri ward	1	Spur economic activitites and security in the area	Provision of electricity tranformers in the specified areas and institutions within Mbiri ward	Provision of tranformers in the specified areas and institutions within Mbiri ward
Installation of transformers at kangudu village, githuri sub-location; kabirwa mirira and gikuo muthingiriri area (2 transformer each) (Mbiri ward)	1	Spur economic activitites and security in the area	Provision of electricity tranformers in the specified areas and institutions within Mbiri ward	Provision of transformer in the specified areas and institutions within Mbiri ward

Security Lights

Provide security lights to the following shopping centers to stimulate local businesses and enhance security.

PROJECT NAME	OBJECTIVE	TARGET	DESCRIPTION
street lighting programme in the fooling centres: Kandara, Kamurugu, Kabati, shopping, Karima mwaro, Kanguthi , Gakui, Gathugu Shopping centre	Spur economic activitites and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Kandara ward
street lighting programme in the fooling centres: Gateiguru market, Gathige market, Mahuria market, Kirirwa market, Kariti market, Gitura health centre	Spur economic activitites and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Kangunduini ward
Street lighting programme in the fooling centres: Grey stone shopping centre, Mwana wikio shopping centre, Kihiu kambi shopping centre, Matunda shopping centre, Rubiru shopping centre, Kaloleni shopping centre, Kwa jimmy shopping centre, Muti shopping centre , Kinyangi shopping centre	Spur economic activitites and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Mitumbiri/ Kakuzi ward

Street lighting programme in the following centres: Heho, Kambi, Gaburi, Pcea Muthithi, Mbunge, Gachathini, Irigiro, Kiungu shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Muthithi ward
street lighting programme in the following centres: Kamahuha, Ingikiro, Sabasaba, Kaharati shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Kamahuha ward
street lighting programme in the following centres: Kiria, Githagara, Mirichu, Kamaguta, Ndutumi, Yamugwe, Kagaa, Gitiri, Mbarai ya hiti, Gatundu, Gitaru shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Mugoiri ward
street lighting programme in the following centres: Ngararia, Kaburugi, Kahaini, Kibereke, Kibuu, Mathuri, Mugaini shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Ngararia ward
street lighting programme in	Spur economic activities	Installation of streetlights in	Provision of street lights in the specified areas and

the following centres: Kiraga, Muruka, Makenji, Gatumbu, Gatitu, Kiwambutu shopping centre	and security in the area	the said areas	institutions within Muruka ward
street lighting programme in the following centres: Ithanga, Giathanini, Junction, Mukundi, Thugululu, Kasooni, Kwa Kagacha shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Ithanga ward
Mabanda, Kirwara, kiriainin, rwengetha, chomo, Gathanji, mureke, gatanga and mabae shopping centre street lighting programme	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Gatanga ward
Street lighting programme in the following centres: Kiria- ini, Miro, Kagongo, Kiamuturi, Kihari shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Kiru ward
Street lighting programme in the following centres:	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Kariara

Kimandi, Ndakaini, NNduthu cgege, Gatura, Kigoro, Kiarutara shopping centre			ward
Street lighting programme in the following areas: Ikumbi, Makomboki, Kanderedu, shopping centre	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Kangari ward
Street lighting from mukuyu to maragi junction via mugairi	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Mbiri ward
Floodlights at Maragi secondary school and maragi junction	Spur economic activities and security in the area	Installation of floodlights in the said areas	Provision of street lights in the specified areas and institutions within Mbiri ward
Electrification of kangudu village	Spur economic activities and security in the area	Installation of streetlights in the town	Provision of street lights in the specified areas and institutions within Mbiri ward
Installation of transformers at kangudu village, githuri sub- location; kabirwa mirira and gikuo muthingiriri area (2 transformer each)	Spur economic activities and security in the area	Installation of transformers in the said areas	Provision of street lights in the specified areas and institutions within Mbiri ward
Murang'a town Hanging bottles Programme	Spur economic activities and security in the area	Installation of hanging bottles in the town (10Km)	Provision of street lights in the specified areas and institutions within Townshi ward

Murang'a town floodlights programme	Spur economic activities and security in the area	Installation of streetlights in the town (20Km)	Provision of street lights in the specified areas and institutions within Township ward
Provision of floodlights in major shopping centres	Spur economic activities and security in the area	Installation of floodlights in the town	Provision of street lights in the specified areas and institutions within Muguru ward
Street lights in kangema town and karugia town	Spur economic activities and security in the area	Installation of streetlights in the town	Provision of street lights in the specified areas and institutions within Muguru ward
Street lighting programme in the following centres: Gikomora, Ichagaki, Mugumoini, Maragua railway station junction, Maragua trinity school, Pioneer wairuri junction, Kamira, Kitiri, Junction, Itara, Gachagi Mariki dam, Mungu-ini shopping centres	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within ichagaki ward
Street lighting programme at the following centres: Kariua, ngurweini, Kagumoini, Karugia shopping centres	Spur economic activities and security in the area	Installation of streetlights in the said areas	Provision of street lights in the specified areas and institutions within Gaichanjiru ward

Infrastructure Sub-Sector

Other Projects

Project Name	Priority ranking	Objectives	Targets	Description of activities
Develop a road network master plan(County wide)	1	To have a feasible road network master plan	1 master plan	Developing of plan
Develop a maintenance program for existing roads (County wide)	1	To have all the existing roads rehabilitated	Maintain all roads	Map all roads Develop programme Maintenance works
Acquire construction equipment (County wide)	1	To have serviceable construction equipment	As per the needs	Tendering
Develop cost effective material acquisition program(County wide)	1	Acquiring the required material at the desired/budgeted cost	1 programme to help purchase enough materials	Develop and implement programme
Maintaining Parking Bays (County wide)	1	Accessible parking bays for citizens in Murang'a	All major towns	Tendering Construction works
Provision of boda boda sheds(County wide)	1	Completed boda boda sheds	All major towns	Tendering Construction works
Develop a water master plan(County wide)	1	A feasible and comprehensive water master plan for the county	County wide	Develop plan Implement
Management of transport system (County wide)	1	An organised transport system that will reduce the number of accidents	1 system covering all wards	Development of plan Implementation Monitoring
Rehabilitation of old county hall chambers (County HQRS)	1	Conversion to a modern auditorium meeting room	Reduction of conference charges	Documentation tendering Construction
Renovate existing markets (County wide)	2	Renovation of markets in Murang'a	All markets	Tendering Renovation works
Expansion of existing drinking water distribution network(County wide)	1	An established and operational water and distribution network.	County wide	Tendering Construction works
Rehabilitate and expand the sewer system (Murang'a townships)	2	A well connected sewer drainage system.	1 sewer drainage	Tendering Construction works
Automation system for project management (County wide)	2	An automated system for managing projects	All projects	Tendering Construction works
Develop and rehabilitate sub county offices	1	Improve service delivery of the public	Conducive working environment	Tendering Construction works
Construction of foot bridges	2	Accessibility to various location	Major settlement area	Tendering Construction works
Provision of equipments for project implementation	1	Improve servicedelivery	Rapid result initiative	Tendering Construction works
Fire station and equipment	1	Training Provision of 3 fire engines	Fire station in the HQ	Procurement of fire engines and

			Fire Equipments	equipment s
Revive Kabirwa Airstrip (Kiharu)	2	To improve transport of agricucultural produce, goods and people	Revival of 1No. airstrip	-Feasibility study for Kabirwa airstrip -Construction works

Infrastructure Roads

I. On going Project

The following are the ongoing Projects/ Programmes in the roads sub- sector

Project Name & Location	Objectives	Targets	Description of Activities
Kahaini-Mukarara-Roads E504/E508/E1556/E1559; Gatanga Constituency.	To improve and rehabilitate the roads to all weather status.	To gravel 32 Km of roads.	Graveling; Culverting; Protection of works; Drainage works.
Road c67/D413 Thika – Gatura and Gatanga – Ndakaini roads; Gatanga Constituency.	Improve communication between Thika and Gatanga agricultural area.	Rehabilitation of 50Km.of road to bitumen standard.	Re-carpeting; resealing; Drainage works.
Improvement to paved standard of Mackenzi-Kandara Road; Kandara Constituency.	To improve mobility and road conditions.	Tarmac 6.7 Km.	Site improvement; pavement construction and surface dressing to improve road to paved standards by contract.
URA 40 Bridge (C70 Kamurugu - E510 Kaguthi); Kandara Constituency.	To improve mobility and road conditions.	Construct box culvert of 10m x 4.0m x 2.0m.	Construction of box culvert; Backfilling the approaches; Improving bad road section.
E1570 (E530 Kagira – D416 Kariua); Kandara Constituency.	To improve mobility and road conditions.	8.54 Km.	Light bush clearing; Drainage works; Striping and grubbing; Reshape by labour; Excavate in soft material.
E514 (Nguthuru- Gakui); Kandara Constituency.	To improve mobility and road conditions.	12.9 Km	Setting out; Light bush clearing; Drainage works; Reshape by labour; Striping and grubbing; Gravel patching.
URA 40 (C70 Kamurugu - E510 Kaguthi); Kandara Constituency.	To improve mobility and road conditions.	8.2 Km	Setting out; Light bush clearing; Drainage works; Reshape by labour; Gravel patching; Striping and grubbing.
E510 (Kaguthi – Gacharage); Kandara Constituency.	To improve mobility and road conditions	8.8 Km	Setting out; Light bush clearing; Drainage works; Reshape by labour; Gravel patching; Striping and grubbing.
E1573 (Kandara – Karimawaro); Kandara constituency.	To improve mobility and road conditions.	2.14 Km	Setting out horizontal alignment; Light bush clearing; Stripping and grubbing; Drainage works; Reshape by labour; Gravel patching; River training works.
RAR24 (Kandara – Makindi – Karimamwaro); Kandara constituency	To improve mobility and road conditions	12 Km	Setting out horizontal alignment; Light bush clearing; Stripping and grubbing; Drainage works;

Project Name & Location	Objectives	Targets	Description of Activities
			Reshape by labour; Gravel patching; River training works.
E513 (C70 Kahaini – D415 Kiranga); Kandara Constituency.	To improve mobility and road conditions.	6.3 Km.	Setting out horizontal alignment; Light bush clearing; Stripping and grubbing; Drainage works; Reshape by labour; Gravel patching; River training works.
E516 (Karugia – Nguku – Turuturu); Kandara Constituency.	To improve mobility and road conditions.	22 Km.	Setting out horizontal alignment; Light bush clearing; Stripping and grubbing; Drainage works; Reshape by labour; Gravel patching.
E1555 (Kibereke-Naaro); Kandara Constituency.	To improve mobility and road conditions.	5 Km.	Light bush clearing; Stripping and grubbing; Drainage works; Reshape by labour; Gravel patching.
E530 (Muruka-Githima); Kandara Constituency.	To improve mobility and road conditions.	10 Km.	Light bush clearing; Stripping and grubbing; Drainage works; Reshape by labour; Gravel patching.
Githiga – Kanyenyaini E 523; Kangema Constituency	Improve mobility and production of tea.	8Km.	Upgrade to bitumen standard.
Mihuti – Wanjerere – Kihoya E543;Kangema Constituency.	Improve mobility and production of tea and other subsistence crops.	32.42Km.	Upgrade to bitumen standard.
Njumbi – Mioro E546; Mathioya Constituency.	Improve mobility, production of coffee and tea and other subsistence crops.	14.9Km.	Improve drainage and gravel the road.
Gakonya – Mahuaini – Boyle E559/E554; Kiharu / Mukurueini Constituency.	Improve mobility, production of coffee & linking Mukurueini with Murang'a	10Km.	Upgrade to bitumen standard
Improvement to paved standards of Road D416/E518/URA1; (Kabati-Kariua-Mareira); Kandara Constituency.	To improve mobility and road conditions.	32 Km.	Site improvement, pavement construction and surface dressing to improve road to paved standards by contract.
C70/D414/E509 (A2 Thika-Gacharage-Githumu-Kangare); Kandara Constituency.	To improve mobility and road conditions.	7Km.	Rehabilitation of the road to paved standards.
D414 (Githumu – DB Thika).	To improve mobility and road conditions.	8Km.	Site improvement, pavement construction; Surface dressing to paved standard by contract.
Gatheru -Wanjengi - Weithaga high school (Kahuti)	To improve mobility and road conditions for better transportation of agricultural commodities	12Km.	Upgrade to bitumen
Karichungu - Karingu Sec school - Gitui Market – Kirogo secondary school – Kirogo –	To improve mobility and road conditions.	10 Km.	Upgrade to bitumen

Project Name & Location	Objectives	Targets	Description of Activities
Gitie- Sharambo).			

II. New projects

Project Name	Priority Ranking	Objective	Target (KMs)	Description of Activites
Kenol-Muranga-Sagana	1	To link the county with the neighboring counties	60	Upgrading to bitumen standards
Kenol-Makutano-Sagana	1	To link the county with the neighboring counties	50	Upgrading to bitumen standards
Kangari-Mairi-Makomboki-Kimandi-Kenyatta estate junction	1	To link the county with the neighboring counties	90	Upgrading to bitumen standards

III. Proposed Projects/New Projects

GATANGA WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activites
UNCL. (Gathuthu Access Road)	GATANGA		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround Ditch Excavation
URP 21 (Kiriti - Gachogu Access Road)	GATANGA		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Culvert Installation 600mm with surround Ditch Excavation
UNCL. (Gathangari Access Road)	GATANGA		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching Hardcore fill Culvert Installation 900mm with surround Culvert Installation 450mm
UNCL. (Kaweru Access Road)	GATANGA		Improve accessibility especially in remote areas	1.0	Road Formation Gravel Patching Culvert Installation 900mm with surround
UNCL. (Kiariuwa Access Road)	GATANGA		Improve accessibility especially in remote areas	1.5	Heavy Grading Gravelling Culvert Installation 600mm with surround Ditch Excavation
URA 57 (Kagiri Access Road)	GATANGA		Improve accessibility especially in remote areas	3.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. (Kianguru Access Road)	GATANGA		Improve accessibility especially in remote areas	1.5	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Turuga Access Road)	GATANGA		Improve accessibility especially in remote areas	1.5	Heavy Grading Culvert Installation 600mm with surround
URA 22 (Mbaki-ini Access Road)	GATANGA		Improve accessibility especially in remote areas	4.0	Heavy Grading Culvert Installation 600mm with surround
UNCL. (Kigunyu/Gatitu/Ruthiru Access Road)	GATANGA		Improve accessibility especially in remote areas	3.0	Heavy Grading Culvert Installation 600mm with surround
E503 (Kahunyo - Kiriaini - Nagara-Kiama River)	GATANGA		Improve accessibility especially in remote areas	10.0	Light Grading Culvert Installation 600mm with surround Culvert Installation 450mm with surround
UNCL. (Rwegetha Sec. School Access Road)	GATANGA		Improve accessibility especially in remote areas	1.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
E1561 (Itugi Ithatu/Kiriaini/Mbari Ya Ruga Access Rd).	GATANGA		Improve accessibility especially in remote areas	6.0	Light Grading Gravel Patching Culvert Installation 600mm with surround
URA 7 (Rwegetha/Mabae/Kirwara Access Roads)	GATANGA		Improve accessibility especially in remote areas	5.7	Light Grading Culvert Installation 900mm with surround Gabion Installation Rockfill to Gabions
Kiangwere Access Road	GATANGA		Improve accessibility especially in remote areas	2	Heavy Grading Culvert Installation 600mm with surround
Chomo-Karia-Umbui Road	GATANGA		Improve accessibility especially in remote areas	4	Heavy Grading Culvert Installation 600mm with surround
Kairima access rd.	GATANGA		Improve accessibility especially in remote areas	2	Heavy Grading Culvert Installation 600mm with surround Murraming
Kagongo access rd.	GATANGA		Improve accessibility especially in remote areas	2.5	Heavy Grading Culvert Installation 600mm with surround Murraming
Gatei access rd.	GATANGA		Improve accessibility especially in remote areas	4	Heavy Grading Culvert Installation 600mm with surround Murraming

Kiriti-Ngangu access rd.	GATANGA		Improve accessibility especially in remote areas	4	Heavy Grading Culvert Installation 600mm with surround Murraming
Kahurura access rd.	GATANGA		Improve accessibility especially in remote areas	4	Surveying Opening Heavy Grading Culvert Installation 600mm with surround Murraming
Thare-kairi access rd.	GATANGA		Improve accessibility especially in remote areas	3	Heavy Grading Culvert Installation 600mm with surround Murraming
Kirwara-Gathaine-Gati iguru	GATANGA		Improve accessibility especially in remote areas	5	Heavy Grading Culvert Installation 600mm with surround Storm water drainage Murraming
Ndiara-Nagara	GATANGA		Improve accessibility especially in remote areas	4	Light Grading Culvert Installation 600mm with surround Murraming
Mukuyu-ini-Kang'ong'i	GATANGA		Improve accessibility especially in remote areas	2	Heavy Grading Storm water drainage Culvert Installation 600mm with surround Murraming
Gachogu access rd.	GATANGA		Improve accessibility especially in remote areas	2.5	Light grading Culvert Installation 600mm with surround Murraming
Gatanga ward shopping centres	GATANGA		Improve accessibility especially in remote areas	4	Heavy Grading Culvert Installation 600mm with surround Murraming

Kondu access rd.	GATANGA		Improve accessibility especially in remote areas	4	Surveying Opening Heavy Grading Storm water drainage Culvert Installation 600mm with surround Murraming
Micharage access rd.	GATANGA		Improve accessibility especially in remote areas	2	Light Grading Culvert Installation 600mm with surround Murraming
Kiria-ini T-plots access rds.	GATANGA		Improve accessibility especially in remote areas	4	Surveying Opening Heavy Grading Culvert Installation 600mm with surround Murraming
Gathanji T-plots	GATANGA		Improve accessibility especially in remote areas	4	Surveying Opening Heavy Grading Culvert Installation 600mm with surround Murraming
Kiria-ini Tea buying centre-gathuthu pri sch access rd.	GATANGA		Improve accessibility especially in remote areas	1.5	Surveying Opening Heavy Grading Culvert Installation 600mm with surround Murraming
Mabae feeder access rds.	GATANGA		Improve accessibility especially in remote areas	5	Surveying Opening Heavy Grading Culvert Installation 600mm with surround Murraming
Gichumbu-Kigumo access rds.	GATANGA		Improve accessibility especially in remote areas	3	Heavy Grading Culvert Installation Storm water drainage 600mm with surround Murraming

Mabae-Ruthiru-ini	GATANGA		Improve accessibility especially in remote areas	2	Heavy Grading Culvert Installation 600mm with surround Murraming
Staircases construction in the ward.	GATANGA		Improve accessibility especially in remote areas	20	Surveying Manual Opening Culvert Installation 600mm with surround Strom water drainage
Storm water drainage construction in the ward	GATANGA		Improve accessibility especially in remote areas	20	Opening Culvert Installation 400mm with surround Murraming
Constrction of main bridges in the following areas; Gathangari gakiama;	Gatanga ward	1	Enhance transportation of goods and people within the areas	-	Construction works of main bridges

ITHANGA WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activites
E532 (Hakangasha - Kaguku - Mukundi)	ITHANGA		Improve accessibility especially in remote areas	24.0	Cut to fill in soft material Culvert Installation 600mm with surround Culvert Installation 900mm with surround & Headwalls Heavy Bush Clearing Cut to fill in hard material Construction of Scour Checks (Masonry)
URF 35 (Jn. E532 St. Teresa's - Ngurunga Pri. - Muthithi Farmers Co-op.)	ITHANGA		Improve accessibility especially in remote areas	6.5	Heavy Grading Gabion Installation (2 x 1 x 1)m Rockfill to Gabions
UNCL. (Jn. E532 - Kirathani - Mama Gachie)	ITHANGA		Improve accessibility especially in remote areas	2.0	Culvert Installation 600mm with surround & Headwalls Light Grading Heavy Bush Clearing
UNCL.(Jn. E532 - Ha Kimani Gachie)	ITHANGA		Improve accessibility especially in remote areas	2.5	Heavy Grading
UNCL. (Jn. E532 - Mungetho - Ha Wamuraya)	ITHANGA		Improve accessibility especially in remote areas	2.5	Light Grading Culvert Installation 600mm with surround & Headwalls Drift Construction by contract

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. (Jn. E532 Apostolic Church - Kamuiru)	ITHANGA		Improve accessibility especially in remote areas	2.0	Culvert Installation 600mm with surround & Headwalls Heavy Grading Gabion Installation (2 x 1 x 1)m Rockfill to Gabions
URF 23 (Jn. E532 CDF Office - Mwanja Mbogo - Kanduri Pri. School)	ITHANGA		Improve accessibility especially in remote areas	8.7	Excavation of Ditch Gabion Installation (2 x 1 x 1)m Rockfill to Gabions Culvert Installation 900mm with surround & Headwalls Culvert Installation 600mm with surround & Headwalls Light Grading Drift Construction by contract
UNCL. (Jn. E532 Kaguku - Cornerstone)	ITHANGA		Improve accessibility especially in remote areas	2.0	Culvert Installation 1200mm with surround & Headwalls Light Grading Culvert Installation 600mm with surround & Headwalls Gravel Patching Selected Granular Fill Materials
UNCL. (Husseini - Nyaitira)	ITHANGA		Improve accessibility especially in remote areas	2.0	Light Grading Culvert Installation 600mm with surround & Headwalls
URF 22 (Jn. E532 - Ithanga Sec. School - Rurii)	ITHANGA		Improve accessibility especially in remote areas	5.4	Culvert Installation 900mm with surround & Headwalls Culvert Installation 600mm with surround & Headwalls Light Grading
UNCL. (Ngeleiya - Gachagi)	ITHANGA		Improve accessibility especially in remote areas	2.0	Light Grading Culvert Installation 600mm with surround & Headwalls
UNCL. (Kaguku - Keriko)	ITHANGA		Improve accessibility especially in remote areas	5.0	Light Grading Culvert Installation 600mm with surround & Headwalls
UNCL. (Kaliata – Ngelelia Road)	ITHANGA		Improve accessibility especially in remote areas	5.0	Light Grading Culvert Installation 600mm with surround & Headwalls

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. (Jn. URA 18 - Rubiru - Mavoloni)	ITHANGA		Improve accessibility especially in remote areas	3.0	Light Grading Culvert Installation 600mm with surround & Headwalls Culvert Installation 1200mm with surround & Headwalls
Construction of main bridges in the following roads; Ngelelia- kaliala bridge; st. Teresa waboro bridge; karenju ndithini bridge; ngomongo mbusyani bridge; Kaguku- kawethei bridge; Kaguku cornerstone bridge; nzula- kasooni bridge	Ithanga ward	1	Enhance transportation of goods and people within the areas	-	Construction works of main bridges

MUGUMOINI WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. (Hon. Njoroje Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	0.5	Heavy Grading Gravel Patching
URA 43(Laini - Gatoka Access Road)	MUGUMOINI		Improve accessibility especially in remote ar	2.7	Light Grading Gravelling
URA 9 (Kimatu - Nganga-ini Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	2.5	Light Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Gatunyu - Kahurura Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Kigio - Matinga Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	0.5	Heavy Grading Gravel Patching
UNCL. (Kigio - Junction Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	0.5	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Kigio - Ha Pius Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	0.5	Light Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Mununga - Ngeca Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	3.0	Heavy Grading Gravel Patching
UNCL. (Kahiti Mugumo Ndogo - Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching
URA 20 (Giatutu - Shopping Centre Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	2.5	Light Grading Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. (Four Quarry - Mithandukuini Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	3.0	Heavy Grading Gravel Patching
URA 50 (Ithangarari Access Road)	MUGUMOINI		Improve accessibility especially in remote areas	2.5	Light Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Gatunyu Shoping Centre)	MUGUMOINI		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching Culvert Installation 450mm with surround
URP 10 (Jn. C67 - Rwaitira)	MUGUMOINI		Improve accessibility especially in remote areas	2.0	Light Grading Gravel Patching Culvert Installation 450mm with surround Culvert Installation 600mm with surround
UNCL. (Samuru)	MUGUMOINI		Improve accessibility especially in remote	1.5	Heavy Grading Gravelling
E1552 (Kigio - Gatunyu)	MUGUMOINI		Improve accessibility especially in remote areas	4.0	Culvert Installation 1200mm with surround Hardcorefill Gravel Patching
Unclassified Gatunyu - Gicici	MUGUMOINI		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Culvert Installation
Unclassified (Kierari – Ithanga access road)	MUGUMOINI		Improve accessibility especially in remote areas	10.0	Light Grading Gravel Patching Culvert Installation
Unclassified Gaitegi – Wamili Access road	MUGUMOINI		Improve accessibility especially in remote areas	5.0	Light Grading Gravel Patching Culvert Installation
Unclassified Ndugu - Kagori Access road	MUGUMOINI		Improve accessibility especially in remote areas	5.0	Light Grading Gravel Patching Culvert Installation
Wamiti access rd.	MUGUMOINI		Improve accessibility especially in remote areas	5	Light Grading Gravel Patching
E1552 (Kigio - Gatunyu)	MUGUMOINI		Improve accessibility especially in remote areas	6	Culvert Installation 1200mm with surround Hardcorefill Gravel Patching
Unclassified Gatunyu - Gicici	MUGUMOINI		Improve accessibility especially in remote areas	7.0	Light Grading Gravel Patching Culvert Installation
Kahurura-Joyland	MUGUMOINI		Improve accessibility especially in remote areas	10	Light Grading Gravel Patching Culvert Installation
Unclassified Gaitegi – Wamili Access road	MUGUMOINI		Improve accessibility especially in remote areas	5.0	Light Grading Gravel Patching Culvert Installation

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified Ndungu Kagori Access road	MUGUMOINI		Improve accessibility especially in remote areas	5.0	Light Grading Gravel Patching Culvert Installation

KARIARA WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
D414 (Gataka-ini - Karangi - Kimandi)	KARIARA		Improve accessibility especially in remote areas	6.0	Heavy Grading Culvert Installation 600mm with surround Construction of Box culvert by Contract
URA 53 (Ndunyu Chege - Gitiri (Gathwariga))	KARIARA		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
UNCL.(Kimandi - Ngerechi - Kiawamarwa – Wanyaga)	KARIARA		Improve accessibility especially in remote areas	6.0	Heavy Grading Gravelling
UNCL. (Kiganjo Pri. - Rukindu)	KARIARA		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravelling
E1557	KARIARA		Improve accessibility especially in remote areas	5.0	Road Formation Gravelling
UNCL. (Macanani-ini Gathugu Foot path)	KARIARA		Improve accessibility especially in remote areas	2.0	Manual Road Reshaping Culvert Installation 600mm with surround
UNCL. (Kiarutara Ithanji Road)	KARIARA		Improve accessibility especially in remote areas	2.5	Heavy Grading Gravelling
UNCL. (Kamatiri Road)	KARIARA		Improve accessibility especially in remote areas	2.0	Light Grading Gravel Patching
UNCL. (Kiarutara - Kagongo)	KARIARA		Improve accessibility especially in remote areas	2.0	Heavy Grading Gravel Patching
UNCL. (Karangia Footpath)	KARIARA		Improve accessibility especially in remote areas	2.0	Manual Road Reshaping Construction of Cascades Stone Pitching Channels (drainage)
UNCL. Karega - Kariara- Mwicigis	KARIARA		Improve accessibility especially in remote areas	5.0	Heavy Grading Gravel Patching
Njiri Ndungu-Karega access rd.	KARIARA		Improve accessibility especially in remote areas	10	Heavy Grading Gravel Patching Culvert installation
Mugiki-Muhare-Ngerechi rd.	KARIARA		Improve accessibility especially in remote areas	4.0	Heavy Grading Gravelling
Chege Mwangi access rd-Karangi	KARIARA		Improve accessibility especially in remote areas	10	Heavy Grading Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Mbugiti-Karangiri rd.	KARIARA		Improve accessibility especially in remote areas	3.0	Heavy Grading Gravelling
Kimandi/Bosco/Bc	KARIARA		Improve accessibility especially in remote areas	0.7	Manual Road Reshaping Construction of Cascades Stone Pitching Channels (drainage)
Construction of main bridges in the following areas: Kiawamarwa; kwa wairangu (kiama bridge); kiandiu; gatunguru (Kiama bridge); Pluto bridge	KARIARA		Improve accessibility especially in remote areas		Construction and installation of bridge

KAKUZI MITUBIRI WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL.(Ithanga - Chaume - Kihato Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	10.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
UNCL.(Ithanga - Kahuho Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	20.0	Heavy Grading Culvert Installation 600mm with surround
UNCL. (Ithanga Gaichanjiru Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	10.0	Heavy Grading Culvert Installation 600mm with surround
D 424 /E 491. (Kitito - Macvast Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	14.0	Heavy Grading Gravel Patching
E 492. (Kitito - Kahonoki Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	7.3	Heavy Grading Bridges repair
UNCL. (Macvast - Ngatho Junction)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	5.0	Construction of Vented Drifts Hardcore fill
UNCL. (Muti - Kwa Paul Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	5.0	Heavy Grading Gravel Patching
UNCL.(Mukundi - Power Line)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	4.0	Heavy Grading Hardcore Fill Drift Repair (Muti) Construction of Vented Drifts(Gatitika)
UNCL.(Kakuzi - Greystone - Mwana Wi Kiio - Gatwikira)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	18.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround Bridges repair(Gatuikira, Kabuku & Thamuru)

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. (Kakuzi - Nanga)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	10.0	Heavy Grading Culvert Installation 900mm with surround Hardcore fill
UNCL. (Shauri - Kihukambi - Kahuho - Stima)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	15.0	Heavy Grading Gravel Patching
UNCL. (Mwana Wi Kiiro - Salvation Army)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	5.0	Gravel Patching Culvert Installation 600mm with surround
UNCL. (Kihui - Kenya Cutlings Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3.0	Gravel Patching
UNCL. (Kihiumwiri Land Scheme) - Access roads	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	35.0	Heavy Grading
UNCL. (Mwana Wi Kiiro Land Scheme)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	60.0	Heavy Grading Culvert Installation 1200mm with surround
UNCL. (Greystone - Nanga Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	5.0	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
UNCL. (Kwa Ndoge Road)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3.0	Culvert Installation 1200mm with surround
UNCL. (Tara - Githioro)	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3.0	Heavy Grading
Nanga-gatwanyaga	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	5	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Mitumbiri-kakuzi rd. D424	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	15	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Kwa Jimmy-Kwa ngewa-Mukundi	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	7	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Mugumo-kwa Jimmy	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Gitangi-ini-Ngatho	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	4	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Iyembeni-kaloleni	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	5	Heavy Grading Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
					Culvert Installation 600mm with surround
Iyembeni-Kwa Jimmy	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Munya-Gati-iguru	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Siranga-Dobra	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Ngatho settlement scheme access roads	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	60	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Grey stone land scheme	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	30	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Kaloleni-Kwa Peles	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Silanga-Gwi Gituba	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	4	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Mute sec sch-Kwa Ndom	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	4	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Rambia-Kaloleni	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	4	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Kwa Nguracho-Kitumbo	KAKUZI MITUBIRI		Improve accessibility especially in remote areas	3	Heavy Grading Gravel Patching Culvert Installation 600mm with surround
Construction of drifts in the following areas; kwa esther drift; kwa gatuva drift; kwa miatu drift and gitumbo drift	KAKUZI MITUBIRI	1	Enhance transportation of goods and people within the areas	-	Construction works of drifts

MURUKA WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL-Old A2 Makenji-Nguthuru Sec.E514 Gatumbu	MURUKA		Improve accessibility especially in remote areas	6.0	Bush Clearing Gravel Patching Tree & Stump removal Heavy grading
UNCL E514 Gicira-Kagenyo -Kanyiriini Catholic	MURUKA		Improve accessibility especially in remote areas		Heavy grading Gravel Patching
UNCL Old A2 Njumbi-Makindi-D415 Makenji	MURUKA		Improve accessibility especially in remote areas	3.0	Gravel Patching Bush Clearing
UNCL -D415 Kiranga-Kirurumo -Kiawambutu Primary	MURUKA		Improve accessibility especially in remote areas	4.0	Bush Clearing Tree & Stump removal Heavy grading Excavate in Hard material
UNCL R24 Kiawamtatu-Ithiru-Kamwaro	MURUKA		Improve accessibility especially in remote areas	2.0	Bush Clearing Heavy grading Gravel Patching
UNCL-R24 Gatitu-Ngiriini-E515 Giachui	MURUKA		Improve accessibility especially in remote areas	4.0	Bush Clearing Gravel Patching Heavy grading
R24-E514 Mwanja mburi-Kiawambutu-E514 Mburu Nganga	MURUKA		Improve accessibility especially in remote areas	5.0	Bush Clearing Gravel Patching Light grading
UNCL Mutura-Gituamba-Gaciriver-E513 Ngirima	MURUKA		Improve accessibility especially in remote areas	4.0	Bush Clearing Heavy grading Gravel Patching Gravelling
UNCL D415 KirangaFactory-Morison-Karumu Primary	MURUKA		Improve accessibility especially in remote areas	4.0	Bush Clearing Tree & Stump removal Heavy grading
UNCL D415 Makuti-Rukira-Gataiyu-Muruka Secondary	MURUKA		Improve accessibility especially in remote areas	6.0	Gravel Patching Bush Clearing Heavy grading Gravelling Tree & Stump removal
UNCL D415 Makuti-Muiru-Kiruthi D415	MURUKA		Improve accessibility especially in remote areas		Gravel Patching Heavy grading
UNCL D415 Gituri(ha maina)-Thugi River	MURUKA		Improve accessibility especially in remote areas	1.0	Bush Clearing Tree & Stump removal Heavy grading
UNCL D415 Muruka Dispensary -Thugi River(Quarry)	MURUKA		Improve accessibility especially in remote areas	2.0	Bush Clearing Tree & Stump removal Heavy grading

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
D415 Muruka-Makuti-rukira-gataiyu-muruka sec sch.	MURUKA		Improve accessibility especially in remote areas	6	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Makuti-Muiru-Kiruthi-Nyina wa badi-D415	MURUKA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Njira inya-Muruka coffee factory- thugi river	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Njira ya kware-gitare-ini-Thugi	MURUKA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & Stump removal Heavy grading gravelling
Muruka sec sch-Gituamba junction-thugi river	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Muruka sec sch-kamama river-mithiga	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 To mururi-ini-morrisson-gatitu rd	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Masaku(wa flora)-ngugi kariga-makindi river-ndegwa gichimu (gatumbu road)	MURUKA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 muruka shopping centre-kwa fafu-kibunga coffee factory	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 kiranga coffee factory-buko-morrisson-karumu rd	MURUKA		Improve accessibility especially in remote areas	5	Bush Clearing Tree & Stump removal Heavy grading gravelling

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
D415 gathangari AIPCA-Ndiarani-kabuere-D415	MURUKA		Improve accessibility especially in remote areas	3	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 kirurumo-kariara- ini-gacomo to D415 rd	MURUKA		Improve accessibility especially in remote areas	3	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 gacomo-karia- ini junction	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
Ngirima nursery sch-ha kaniaru-kaburugi rd junction	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Njira ya mbuku- Gitige-Njira ya gatitu junction D415 rd	MURUKA		Improve accessibility especially in remote areas	3	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 gatitu junction- barua hme-behind kiranga pri sch rd	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Mururi- ini-Ha caruthi- mithiga-mucoki nyaga-kiunyu river	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 mururi- ini-Mithiga- Kiunyu river- Ngirima nursery- Thuge rd	MURUKA		Improve accessibility especially in remote areas	3	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Kiranga shopping centre-kanyiriri- ini-Kiunyu river	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 kiranga shopping centre- Ngirima rd	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kanyiri-ini-Ngari muturi-Kamakia rd	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Kiranga catholic church-rurii-Kamagoto church rd	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 ACK kiranga-gatitu rd	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 kabuere-Ndegwa mahiga-githunguri-ruceke river rd	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Githama-kandara health centre-kandara shopping centre	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Githama-diara-ini rd	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Githama-mahutia (Naaro) boarder of muruka ng'araria ward	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
Mburu maendeleo-Mburu mwanga	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 Jobee-Ngutheru catholic-Gitau King'ori	MURUKA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & Stump removal Heavy grading gravelling
D415 kahungura-njogamosque nguthuru sec sch	MURUKA		Improve accessibility especially in remote areas	3	Bush Clearing Tree & Stump removal Heavy grading gravelling

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Rurii catholic-gatandi river	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Gatumbo-Makindin river-ha sadam D415 rd	MURUKA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & Stump removal Heavy grading gravelling
Koinange ha waithaka-kabuku river	MURUKA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & Stump removal Heavy grading gravelling
Kirurumo-magomano rd	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
Kirurumo-mburu mwanga	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
Kirurumo-kahiro-mwenje-kiawambutu catholic church	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
145-kiawambutu catholic rd	MURUKA		Improve accessibility especially in remote areas	1	Bush Clearing Tree & Stump removal Heavy grading gravelling
Construction of main bridges in the following roads riangechu; Kirurumo; Muruka coffe factory; kware; rurii-gatandi; mwanja mburi; rianguni- thungi	MURUKA	1	Enhance transportation of goods and people within the areas	-	Construction works of main bridges

RUCHU WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E509 DB Thika E511 Kinyona (Mungaria-Githumu)	RUCHU		Improve accessibility especially in remote areas	10.0	Bush Cleaning Side Drains Scour Checks (Masonry) Culvert Desalting and Installation Headwall (Masonry) Gravel Patching
E1558 E510 Gathwariga-E509 Gitare	RUCHU		Improve accessibility especially in remote areas	6.2	Bush Clearing Side drains scour checks (masonry) culvert desalting Reshaping(2Km) Gravelling
UNCL D414 Makuti-Gichakayo/Muigariua	RUCHU		Improve accessibility especially in remote areas	3.0	Bush clearing Stripping & Grubbing Reshaping River training Side drains scour checks (masonry) culvert installation with surround headwall (masonry) Gravelling
UNCL C70 Ndurumoini-E1569 Gako	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Githumu-Karangi-Mariira farm	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Gacharage pri-Gacharage dispensary (Karuku rd)	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Ngurumo ya Thika ridge	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Gacharage-Ruona-Gituya-Muthuru	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Gichagi-ini-Kiangari-Gituru	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Cicu-Mukangu-Kang'ung'ute	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Kangunu rd	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Rugaita rd.	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kiamatheri-Karindi	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Kiruga-Kiawangenye	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Kiandagori-Karangi	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Ha Gacheru-Ruathe shopping centre	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Kaharo-Mung'aria junction	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Mung'aria coffee factory-Kiamatheri	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Iria-ini-Kianwe	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Muthuru coffee factory-Kwa wa Meri	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Ruona-Thuge rd.	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Kibage-Magomano rd.	RUCHU		Improve accessibility especially in remote areas	4.0	Bush clearing Heavy grading Gravelling
Muiiri-ini-Kiamatheri bridge Kahiga-Mukangu bridge Ndiara river bridge Ruchu river bridge Kiganjo-Kairi-ini bridge Kirigithu-Kaguthi bridge Kaguthi-Gacharage bridge	RUCHU		Improve accessibility especially in remote areas		Bush clearing Heavy grading Gravelling

NGARARIA WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Uncl. C70 Ngararia-E1555 Naaro	NGARARIA		Improve accessibility especially in remote areas	2.5	Bush Clearing Tree & stump removal Heavy grading River training Gravelling Excavate hard material
UNCL. C70 Kawendo-E513 Kariru	NGARARIA		Improve accessibility especially in remote areas	4.2	Bush clearing Heavy grading Gravelling

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. E513-Kariru-Kirarii- Ngararia Pri.	NGARARIA		Improve accessibility especially in remote areas	1.0	Bush clearing Tree & stump removal, Graveling Heavy grading
Uncl URA2 Kaloleni-Kahara- Gitige	NGARARIA		Improve accessibility especially in remote areas	2.0	Bush Clearing Tree & stump removal, Graveling Heavy grading
UNCL. C70 Kwamarima-E1555 Naaro-Kiriko	NGARARIA		Improve accessibility especially in remote areas	2.3	Bush Clearing Tree & stump removal Heavy grading Graveling
Uncl E581 Mugecha Jct.- Kibuu Nursery kwa Muite	NGARARIA		Improve accessibility especially in remote areas		Bush clearing Tree & stump removal Graveling Heavy grading
Uncl. E513 St. Christine Pri- Mwachigi farm	NGARARIA		Improve accessibility especially in remote areas	2.0	Bush clearing Tree & stump removal Graveling Heavy grading
UNCL. E513 Motel/Giathita- E1555 Joviol school	NGARARIA		Improve accessibility especially in remote areas	1.8	Bush clearing Tree & stump removal Graveling Heavy grading
UNCL. URA Z Hamweji- Ngararia/Naaro C70	NGARARIA		Improve accessibility especially in remote areas	2	Bush clearing Tree & stump removal Graveling River training Heavy grading
UNCL. Kaburugi-Kanjama-Kwa Muite	NGARARIA		Improve accessibility especially in remote areas	4.0	Bush Clearing Heavy grading Graveling
UNCL. Waitua Rd. - Kiriko Road	NGARARIA		Improve accessibility especially in remote areas	6.0	Bush Clearing Tree & stump removal Graveling Heavy grading
Uncl Kawendo Pri-Kahara village-Gitige	NGARARIA		Improve accessibility especially in remote areas	2.0	Bush clearing Tree & stump removal Heavy grading
Kahara –Forest Road Gitiri	NGARARIA		Improve accessibility especially in remote areas		Bush Clearing Tree & stump removal Graveling
Mugecha pri –Mathuri – Kaburugi pri school	NGARARIA		Improve accessibility especially in remote areas		Bush Clearing Tree & stump removal Graveling
Mahiuta Kiriko Police station	NGARARIA		Improve accessibility especially in remote areas		Bush Clearing Tree & stump removal Graveling

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kahara –Forest Road Gitiri	NGARARIA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & stump removal Gravelling
Mugecha pri –Mathuri – Kaburugi pri school	NGARARIA		Improve accessibility especially in remote areas	5	Bush Clearing Tree & stump removal Gravelling
Mahutia-Kiriko Police station	NGARARIA		Improve accessibility especially in remote areas	5	Bush Clearing Tree & stump removal Gravelling
Kariko village rd	NGARARIA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & stump removal Gravelling Grading
Kaharo village rd	NGARARIA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & stump removal Gravelling Grading
Ngararia shopping centre-Mugira-Ngararia coffee factory	NGARARIA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & stump removal Gravelling Grading
Ngararia shopping centre-Mugira 2	NGARARIA		Improve accessibility especially in remote areas	2	Bush Clearing Tree & stump removal Gravelling Grading
Kahai-ini shopping centre-Coffee plantation	NGARARIA		Improve accessibility especially in remote areas	4	Bush Clearing Tree & stump removal Gravelling Grading
Construction of footbridges in the following areas; mahutia and Kibuu- quarry footbridge	NGARARIA	1	Enhance transportation of goods and people within the areas	-	Construction works of footbridges

ITHIRU WARD

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E1574 D415 Orphanage-E1568 Mukuria	ITHIRU	1	Improve accessibility especially in remote areas	6.0	Bush Clearing Side Drains Scour Checks (Masonry) Culvert desalting Gabion installation Rock fill to gabion Reshaping Gravelling
UNCL. E1574 Gatundu- Githuya/Kiriko/Irima	ITHIRU	1	Improve accessibility especially in remote areas	6	Bush clearing Tree & stump removal Grubbing Heavy grading side drains Scour checks (masonry) Gravelling Culvert installation with surround Headwall (masonry) Horizontal alignment
Construction of foot bridges; thugi, kibai; boboti; gaichairuga; riakirugu; mukinyathwe; Ndiara; itwika; wakweru; kagono and Kiriti- mutitu bridges	Ithiru	1	Enhance mobility	-	Construction works of a footbridge
Uncl Sunset-Giichanguare	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Makindi-Kiiri	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Kagongo Primary-Kandara Police Station	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kandara Water Supply-Kanjumbi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kanjumbi-Kiiri Ack Church-Gwa Gachuhi's	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mahinga-Kiratina-Mukoe Catholic Church	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mahinga- Kianjeru-Githuya	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gerald-Gaichamangu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kandara Primary-Kirunguru Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gachunga-Andrew main road	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kageni-Lower Kiriko-ini Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Kirarithia-Sunset	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Kiraritha-Kiriko-ini-Huriini	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Wakimanis Muti wa Ngai-Jim's Mukina's-Eliezos House	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Githuya- Kahata Road	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Pastor Wachira-Kiguoya Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Miiri-Kiguoya-Sospeter	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kiguoya-Githuya-Makindi Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Ichahaya-Kiguoya	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Githuya-Makindi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kagunda-Munyu-Kiguoya Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kahata-Gakui Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
E1574 Orphanage-Kamaliza-PCEA Gatundu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kiiri Primary-Asst Chief's Home-Mr Kagwi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kiguoya Nursery-Kiguoya Primary	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kariuki Githinji-Mwangi's (Cowboy)	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activites
Thumbi-ini-Kirunguru	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gakarara Primary-Gakari	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mathingira-Kimiri	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Hui-Kianjogu-Kibereke	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Charagu-Unjiruini	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Lower Unjiruini-Kariko-Kibereke	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Ruchu-Muruguru	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kigathi-Mutunduini	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Karogi-Ruandungo	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Riandungo Shopping Centre-Gathugu Primary	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gathugu Cattle Dip-Kibururi-Gathugu Posho Mill	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Rwambo-Asst Chief office Gakarara	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kirunguru-Ruchu-Riandungo	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kaguthi Shopping Centre-Gathigira Catholic-Kaigwima	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kaguthi Shopping Centre-Kaguthi Primary-Kaguthi Catholic Church	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Fofoti Footbridge-Kaguthi Akorino Church	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Wagethu-Njihia's	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kimani-Kangengu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activites
Kamunyaka-Giichangure	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kamunyaka-Muhuhi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Muhuhi-Kiguoya Shopping Centre	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gitaiga-Kiguoya Primary	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gitaigia-Githuya	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl.Kirigithu-Fofoti-Mururi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Uncl. Kirigithu-Gachii-Gwakamami	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kirigithu Primary-Kaguthi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Rurigi-Rwathe	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Nudge Kimberley-Nyagakui Footbridge-Gathugu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mwangi Wa Wanjingiri-Gicumbi-Karembu-ini	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kanyongo (Karembuini Pry)-Wakunyora-Ruchu-Kaguthi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gichumbi-Wanjingiri Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Chege Kaniu & Ngomi Footpath-Ruchu Kaguthi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Karembuini Primary-Kangengu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mbagi Footpath (Kaguthi/Gakarara Scheme)	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gathura-Kimani Wamari Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kagiko Njaramba-Kamahiga Well Footpath	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Machugus-Kieni (Gathugu Project Intake)	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Njoroge Kanyi Wakunyora Footpath-Karembuini Primary	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Giicangware-Mahuthu's-Kaguthi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gathigira Boboti-Kirigithu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kimani Muiruri Boboti-Gathugu Kirigithu	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Githioro-Kanyiriri Stream-Kirigithu Area	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Gaiciaruga-Kagono	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kamae-Gitandi	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Karimamwaro AP Post-Mikui	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kanyama-Thunguri Village	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Thunguri-Kagono	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Thunguri-Kieni	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kanyama-Karuhi Utheri Coffee Factory	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mutitu Plot-Gakira (Kirugi)	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
AIPCA Kagono-Mikinyathwe Bridge	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kamoro Nursery-Mutitu Kariti Footbridge	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Mbari ya Materi-Utheri Karuhi Coffee Factory	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility
Kieni-Matiraini Shopping Centre-Kiiri	Ithiru	1	Improve accesibility	Improve accesibility	Improve accesibility

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Mitati Junction-Kieni (Rev Kugwa)	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Gakui Coffee Factory-By Pass	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Gakui Secondary-Gaitua Well	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Mukoe-Kiangiti	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Mukoe-Githuya	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Mukoe-Gituya	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Kagono Shop-Gitandi River	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility
Githama-Mathiuthi(Karanja Muchina/Kioni/Wakareng e)	Ithiru	1	Improve accessibility	Improve accessibility	Improve accessibility

GAICHANJIRU WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	DESCRIPTION
E516 C71 Karugia-Githima-Nguku-C70 Gituya	GACHANJIRU		Improve accessibility especially in remote areas		Ditch/mitre drain/catch water drain excavation Heavy bush clearing Light manual, reshaping Gravel patching Gabion installation Rock fill to gabion Head wall (Masonry) Scour checks (masonry), Gravelling
Unclassified Kagundu - Ngurwaini	GACHANJIRU		Improve accessibility especially in remote areas		Heavy bush clearing Light manual reshaping, Gravelling Gabion installation Rock fill to gabion Head wall (Masonry) Scour checks (masonry)

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified Gaichanjiru - Kagira	GACHANJIRU		Improve accessibility especially in remote areas		Heavy bush clearing Light manual reshaping Gravelling Gabion installation Rock fill to gabion Head wall (Masonry) Scour checks (masonry)
Mutoho-Gaichanjiru-Ndiriini	GAICHANJIRU		Improve accessibility especially in remote areas	14kms	Bush clearing Culverts Grading Drainage Gravel Murraming Top seal Technology recommended
Nduka Nguru-Kagumoini-Gaichanjiru Highschool	GAICHANJIRU		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel Murraming
Manjuu-Kagumoini	GAICHANJIRU		Improve accessibility especially in remote areas	7kms	Bush clearing Culverts Grading Drainage Gravel Murraming
Kagumoini-Kiamathanju	GAICHANJIRU		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel
Manjuu-Mariaini	GAICHANJIRU		Improve accessibility especially in remote areas	8kms	Bush clearing Culverts Grading Drainage Gravel
Kagumoini-Muthitha-Ngurweini	GAICHANJIRU		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel

Kagumoini- Gaitanga	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Gitambo-Mutoho	GAICHANJIR U		Improve accessibility especially in remote areas	15km	Bush clearing Culverts Grading Drainage Gravel
Ndiriini- kagunduini	GAICHANJIR U		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel
Gaichanjiru pry-Kagira coffee factory	GAICHANJIR U		Improve accessibility especially in remote areas	7kms	Bush clearing Culverts Grading Drainage Gravel
Ndiriini-Gakayu	GAICHANJIR U		Improve accessibility especially in remote areas	8kms	Bush clearing Culverts Grading Drainage Gravel
Gaci river- Ndiriini	GAICHANJIR U		Improve accessibility especially in remote areas	6kms	Bush clearing Culverts Grading Drainage Gravel
Kagira-Ihururu	GAICHANJIR U		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel
Kagira-Kariara coffee factory	GAICHANJIR U		Improve accessibility especially in remote areas	6kms	Bush clearing Culverts Grading Drainage Gravel
Kagaa-Ngurweini	GAICHANJIR U		Improve accessibility especially in remote areas	4kms	Bush clearing Culverts Grading Drainage Gravel

Ngurweini-Muthitha-Mariani	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Kagira- Thagari	GAICHANJIR U		Improve accessibility especially in remote areas	6kms	Bush clearing Culverts Grading Drainage Gravel
Thagari- Turuturu	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Ngurweini-Gakoigo	GAICHANJIR U		Improve accessibility especially in remote areas	8kms	Bush clearing Culverts Grading Drainage Gravel
Mariani- Karugia	GAICHANJIR U		Improve accessibility especially in remote areas	6kms	Bush clearing Culverts Grading Drainage Gravel
Ngurweini-Gitira-Karugia	GAICHANJIR U		Improve accessibility especially in remote areas	15kms	Bush clearing Culverts Grading Drainage Gravel
Ngurweini Shopping Center- Ngurweini Sec school/Kawanjeru pri school	GAICHANJIR U		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel
Gituya-Githaiti	GAICHANJIR U		Improve accessibility especially in remote areas	6kms	Bush clearing Culverts Grading Drainage Gravel
Kariua-Gituya	GAICHANJIR U		Improve accessibility especially in remote areas	8kms	Bush clearing Culverts Grading Drainage Gravel

Gatituini-Kariua	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Githigi-Muthitha	GAICHANJIR U		Improve accessibility especially in remote areas	7kms	Bush clearing Culverts Grading Drainage Gravel
Ngurweini-Kagira	GAICHANJIR U		Improve accessibility especially in remote areas	15kms	Bush clearing Culverts Grading Drainage Gravel
Gaitanga-Manjuu	GAICHANJIR U		Improve accessibility especially in remote areas	8kms	Bush clearing Culverts Grading Drainage Gravel
Riandera-Ngurweini	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Karugia-Ihigaini-mariaini	GAICHANJIR U		Improve accessibility especially in remote areas	15kms	Bush clearing Culverts Grading Drainage Gravel
Kongo- Kariua	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Gaci river-Gaichanjiru Highschool	GAICHANJIR U		Improve accessibility especially in remote areas	14kms	Bush clearing Culverts Grading Drainage Gravel
Kihaaro-Githaite	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel

Kagira Nursery-Gakayu	GAICHANJIR U		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel
Kagira-Mahuria	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Kagaa-Giathambu	GAICHANJIR U		Improve accessibility especially in remote areas	5kms	Bush clearing Culverts Grading Drainage Gravel
Wangai Catholic Church-Manjuu	GAICHANJIR U		Improve accessibility especially in remote areas	15km	Bush clearing Culverts Grading Drainage Gravel
Gakoigo-Ngarakinga	GAICHANJIR U		Improve accessibility especially in remote areas	10kms	Bush clearing Culverts Grading Drainage Gravel
Ngurweini Cath. Church-Gitira-Karugia	GAICHANJIR U		Improve accessibility especially in remote areas	15kms	Bush clearing Culverts Grading Drainage Gravel
Construction of foot bridges in the following roads: Kieini- Ndiriini (Gaci river); Gitambo-Ngurweini (Mutoho river); Manjuu- Mariaini (Mutoho river); kagumoini-Nuthitha (Mutoho river); ndiriini- kagira (Gakayu river); Kagira- Ngurweini (Mutoho river); Kagira-Mahuria (Gakayu river); Kagumoini- Githunguri (Gaci river)	GAICHANJIR U	1	Enhance mobility	-	Construction works of a footbridge

KAGUNDU-INI- WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. E1575 Kareti sec sch. Gatuikira	Kagundu-Ini	1	Improve accessibility especially in remote areas	2.5	Bush Clearing Tree and stump removal Heavy grading Gravelling
UNCL. Old A2 Kabati-Gitathi-D416 Uachegecha	Kagundu-Ini	1	Improve accessibility especially in remote areas	12.0	Bush Clearing Tree and stump removal Heavy grading Gravelling
Gatwikira-Kariti-siranga Dam	Kagunduini	1	Improve accessibility especially in remote areas	3km	Gravelling by quarry waste
Githunguri cattle dip-Manyungu	Kagundu-Ini	1	Improve accessibility especially in remote areas	3km	Gravelling by quarry waste
Riandegwa-Kanguri Wa getheya	Kagundu-Ini	1	Improve accessibility especially in remote areas	3km	Quarry waste
Kibiku-Kenol	Kagundu-Ini	1	Improve accessibility especially in remote areas	3km	Quarry waste
Mahuria-Wachuma	Kagundu-Ini	1	Improve accessibility especially in remote areas		Grading
Kibiku –Gaci River	Kagundu-Ini	1	Improve accessibility especially in remote areas		Grading
Kabati Githunguri - Kinyoho	Kagundu-Ini	1	Improve accessibility especially in remote areas		Quarry waste
Kabati-Matutu - Machegecha	Kagundu-Ini	1	Improve accessibility especially in remote areas		Quarry waste
Gatwikira-Kariti-siranga Dam	Kagunduini	1	Improve accessibility especially in remote areas	3km	Gravelling by quarry waste

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Githunguri cattle dip-Manyungu	Kagundu-Ini	1	Improve accessibility especially in remote areas	3km	Gravelling by quarry waste
Riandegwa-Kanguri Wa getheya	Kagundu-Ini	1	Improve accessibility especially in remote areas	3km	Quarry waste
Kibiku-Kenol	Kagundu-Ini	1	Improve accessibility especially in remote areas	3km	Quarry waste
Mahuria-Gwachuma	Kagundu-Ini	1	Improve accessibility especially in remote areas		Grading
Kibiku –Gaci River	Kagundu-Ini	1	Improve accessibility especially in remote areas		Grading
Kabati Githunguri - Kinyoho	Kagundu-Ini	1	Improve accessibility especially in remote areas		Quarry waste
Kabati-Matutu - Machegecha	Kagundu-Ini	1	Improve accessibility especially in remote areas		Quarry waste
Riandegwa-Gwa Kangethe-Githunguri	Kagundu-ini	1	Improve accessibility especially in remote areas	7Kms	Grading and Quarry waste
Riandegwa-Kanguri-Wagithiyya	Kagundu-ini	1	Improve accessibility especially in remote areas	5 Kms	Grading and Quarry waste
All shopping centres in the ward	Kagundu-ini	1	Improve accessibility especially in remote areas		Drainage improvement.
Kabuku-Tosheka-Gachi river	Kagundu-ini	1	Improve accessibility especially in remote areas	4Kms	Grading and Quarry waste

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kabuku Scheme-Gachi river	Kagundu-ini	1	Improve accessibility especially in remote areas	4kms	Grading and Quarry waste
Ngambu-Gaci-Gaitho	Kagundu-ini	1	Improve accessibility especially in remote areas	3Kms	Grading and Quarry waste
Kenol-Kibiku	Kagundu-ini	1	Improve accessibility especially in remote areas	3Kms	Grading and Quarry waste
Kwa Mali-kagundu	Kagundu-ini	1	Improve accessibility especially in remote areas	4kms	Grading and Quarry waste
Gaci river-Muhuti-ini-Kabuku	Kagundu-ini	1	Improve accessibility especially in remote areas	2.5Kms	Grading and Quarry waste
Kanguru-Mahuria	Kagundu-ini	1	Improve accessibility especially in remote areas	4Kms	Grading and Quarry waste
Kibiku-Gaci river	Kagundu-ini	1	Improve accessibility especially in remote areas	1Km	Grading and bush clearing
Kagundu-ini chief-Ndiri-ini	Kagundu-ini	1	Improve accessibility especially in remote areas	800mts	Gabions instalation
Kagundu-ini mkt-Githima road junction	Kagundu-ini	1	Improve accessibility especially in remote areas	1Km	Grading and Quarry waste
Kwa Waitathu-Mai-ini-Kabuku river	Kagundu-ini	1	Improve accessibility especially in remote areas	5Kms	Grading and Quarry waste
Gati-iguru-Ng'ang'a Muchogu	Kagundu-ini	1	Improve accessibility especially in remote areas	1.5Kms	Grading and Quarry waste

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kagia-Machengo-Ndakaini	Kagundu-ini	1	Improve accessibility especially in remote areas	3Kms	Grading and Quarry waste
Kamwangi-Gitura Coffee factory	Kagundu-ini	1	Improve accessibility especially in remote areas	2.5Kms	Grading and Quarry waste
Macaku-Gwa Kagichu	Kagundu-ini	1	Improve accessibility especially in remote areas	3Kms	Grading and Quarry waste
Githunguri-Kwa Hiram-Kabuku river	Kagundu-ini	1	Improve accessibility especially in remote areas	2Kms	Grading and Quarry waste
Duka Nguru-Gaci river-Kamau Wanugi	Kagundu-ini	1	Improve accessibility especially in remote areas	3Kms	Grading and Quarry waste
Kabati-Wachuriu-Ndakaini	Kagundu-ini	1	Improve accessibility especially in remote areas	3Kms	Grading and Quarry waste

RWATHIA WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Nyagatugu-Kibage-Kagaita-Kiirini-Rwathia	Rwathia		Improve accessibility especially in remote areas	16.0	heavy bush clearing road reshaping(grading) opening of road with shovel installation of culvert diameter 900mm
Kayu shopping centre-Kagondo River	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping opening of road with shovel installation of culvert diameter 600mm
Wa G.G Access road-Kihoya-Kiawambogo	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping opening of road with shovel installation of culvert diameter 900mm

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Nyachi-Gikomboki road	Rwathia		Improve accessibility especially in remote areas	4.2	heavy bush clearing road reshaping opening of road with shovel installation of culvert diameter 900mm
Gichobo-Matuiku road - Gihuru-Mucharika	Rwathia		Improve accessibility especially in remote areas	8.0	heavy bush clearing road reshaping installation of culverts 900mm
Ndegwa -Ngunguru-gachami-Micharange	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping installation of culvert diameter 600mm opening of road with shovel
Kiawambogo-Nderi-ini-Kiruthi kiira-ini- Rwathia	Rwathia		Improve accessibility especially in remote areas	7.0	heavy bush clearing road reshaping road opening with shovel installation of culvert diameter 600mm
Kenya Njeru-Githiabu-Kahuro-Gatwe-Karurumo	Rwathia		Improve accessibility especially in remote areas	5.6	heavy bush clearing road reshaping installation of culvert diameter 600mm
Gutuamba-Tatu-Kamugwongo	Rwathia		Improve accessibility especially in remote areas	5.0	heavy bush clearing road reshaping installation of culvert diameter 900mm
Makueni-Irura-ini- kwa Wakanyingi	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping installation of culvert diameter 600mm
Wanjerere Catholic church-Thangathe rvr-Kiangari	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road shapening opening of road with shovel installation of culvert diameter 600mm
Mwisho wa Raha-Inatake water	Rwathia		Improve accessibility especially in remote areas	6.0	heavy bush clearing road reshaping installation of culvert diameter 600mm
Githini-Kiangari	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping(grading)
Kiamungi-Githiru	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing Road reshaping(grading)
Damaris-Barara road-Kirundu-ethan rd	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping road opening with shovel installation of culvert

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
					diameter 600mm
Kiawambogo-Mutara-Tuthu	Rwathia		Improve accessibility especially in remote areas	8.0	heavy bush clearing road reshaping installation of culvert diameter 600mm
Tuthu shopping centre-Wainaina	Rwathia		Improve accessibility especially in remote areas	4.0	heavy bush clearing road reshaping installation of culvert diameter 600mm
Gichobo-Githunguri-Mucharika	Rwathia		Improve accessibility especially in remote areas	8.0	heavy bush clearing road reshaping(grading)
Kiawambogo-Ndiri-ini rd	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), murraming
Wanjerere pri-Kiangari tea buying centre	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), culverts and murraming
Wanjere forest station-Wathani tea buying centre	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), Grading and murraming
Kiawambogo police post-lthanga	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), culverts and murraming
Nyachi-Inoro-ini rd.	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), culverts and murraming.
Thangathi-Wamumu-Waiganjo	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), Culverts and murraming
All footpaths in the entire ward including staircases	Rwathia		Improve accessibility especially in remote areas	4	heavy bush clearing Road reshaping, grading.
Construction of gabions in the slopy areas to curb erosion.	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing Gabion construction.
Kiawambogo-Ndiri-ini rd	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), murraming

Wanjerere pri-Kiangari tea buying centre	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), culverts and murraming
Wanjere forest station-Wathani tea buying centre	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), Grading and murraming
Kiawambogo police post-lthanga	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), culverts and murraming
Nyachi-Inoro-ini rd.	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), culverts and murraming.
Thangathi-Wamumu-Waiganjo	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing road reshaping (grading), Culverts and murraming
All footpaths in the entire ward including staircases	Rwathia		Improve accessibility especially in remote areas	4	heavy bush clearing Road reshaping, grading.
Construction of gabions in the slopy areas to curb erosion.	Rwathia		Improve accessibility especially in remote areas		heavy bush clearing Gabion construction.

MUGURU WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Njana foot bridge – boyorvr	Muguru		Improve accessibility especially in remote areas	2.5	Improvement of access I) Bush clearing II) Manual reshaping Construction of foot bridge
Kiangombe-Thangathi foot bridge rvr	Muguru		Improve accessibility especially in remote areas	1.5	Improvement of access I) Bush clearing II) Manual reshaping Construction of foot bridge
Ndiara foot bridge	Muguru		Improve accessibility especially in remote areas	2.0	Improvement of access I) Bush clearing II) Manual reshaping Construction of foot bridge

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Jct E540 irima-kanorero kangema pry sch-Gaite-Gikura	Muguru		Improve accessibility especially in remote areas	15.0	heavy bush clearing road reshaping(grading) opening road with shovel Installation of gabions Rock fills to gabion installation of culvert diamater 600mm
URP1 Karikonda-githunguri karugia-karirau	Muguru		Improve accessibility especially in remote areas	9.0	heavy bush clearing road reshaping(grading) installation of culvert diamater 600mm installation of gabions Rock fill to gabion
Irima-Gatitu-Kiamuthe tea buying centre	Muguru		Improve accessibility especially in remote areas	5.5	heavy bush clearing road reshaping(grading) opening road with shovel installation of culvert diamater 600mm
Karugia Kari-ini-Shella	Muguru		Improve accessibility especially in remote areas	2.9	heavy bush clearing road reshaping(grading) installation of culvert diamater 600mm
Jct E 539 Gaite-Thieikwa Gikura-Mbari	Muguru		Improve accessibility especially in remote areas	7.5	heavy bush clearing road reshaping(grading) road opening with shovel installation of culvert diamater 600mm
Jct C70 Irima -Matuku-ini Gakoigo Church	Muguru		Improve accessibility especially in remote areas	10.0	heavy bush clearing road reshaping(grading) installation of culvert diamater 600mm
JCT E 539Githunguri-Ndune-Cera	Muguru		Improve accessibility especially in remote areas	5.0	heavy bush clearing road reshaping(grading) road opening with shovel installation of culvert diamater 600mm
Jct E539 Gaite-Ngari Shem	Muguru		Improve accessibility especially in remote areas	5.0	heavy bush clearing road reshaping(grading) road opening with shovel installation of culvert diamater 600mm

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Ihiga-ini-Ndugururu	Muguru		Improve accessibility especially in remote areas	4.5	heavy bush clearing road reshaping(grading) road opening with shovel installation of culvert diameter 600mm
Jct E539 Kangondu-Gitindiri	Muguru		Improve accessibility especially in remote areas	6.0	heavy bush clearing road reshaping(grading) road opening with shovel installation of culvert diameter 600mm
Jct D422 Kioho-Mirichu Githiga	Muguru		Improve accessibility especially in remote areas	2.5	heavy bush clearing road reshaping(grading) installation of culvert diameter 900mm
All footpaths in the entire ward including staircases	Muguru		Improve accessibility especially in remote areas	8	heavy bush clearing Road reshaping, grading.
Construction of gabions in the slopy areas to curb erosion.	Muguru		Improve accessibility especially in remote areas		Heavy bush clearing Gabion construction.
Mirichu pri-Mukungai river rd.	Muguru		Improve accessibility especially in remote areas	2.5	heavy bush clearing road reshaping(grading) installation of culvert diameter 900mm
Kanorero-Kibango rd.	Muguru		Improve accessibility especially in remote areas	2.5	heavy bush clearing road reshaping(grading) installation of culvert diameter 900mm Gravelling
Kibango-ihiga-ini-Thugururu-Thangathi coffee factory	Muguru		Improve accessibility especially in remote areas	2.5	heavy bush clearing rd reshaping(grading) installation of culvert diameter 900mm Gravelling Culvert installation
Kamuya-Kiganjo-Iyego main coffee factory	Muguru		Improve accessibility especially in remote areas	2.5	heavy bush clearing rd reshaping(grading) installation of culvert diameter 900mm Gravelling Culvert installation
Kigera-Gaite nursery sch.	Muguru		Improve accessibility especially in remote areas	3	heavy bush clearing rd reshaping(grading) installation of culvert diameter 900mm Gravelling Culvert installation

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Njoki Suleiman rd-gacharaigu	Muguru		Improve accessibility especially in remote areas	4	heavy bush clearing rd reshaping(grading) installation of culvert 244iameter 900mm Gravelling Culvert installation
Kiamara-Mununga-Mukarara	Muguru		Improve accessibility especially in remote areas	6	heavy bush clearing rd reshaping(grading) installation of culvert 244iameter 900mm Gravelling Culvert installation Gravel patching
Kwa Watoro-Mwangi nyingi	Muguru		Improve accessibility especially in remote areas	2.5	heavy bush clearing rd reshaping(grading) installation of culvert diameter 900mm Gravelling Culvert installation

KANYENYA-INI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
KARURUMO FOREST-MUGUMO- INI MATHWE BOUNDER- KI HARU	Kanyenya-Ini		Improve accessibility especially in remote areas	14.2	heavy bush clearing opening road with shovel heavy road reshaping(grading) installation of culvert diameter 900mm installation of culvert diameter 600mm
JCT GWASHEM- KARURA	Kanyenya-Ini		Improve accessibility especially in remote areas	6.0	heavy bush clearing opening road with shovel heavy road reshaping installation of culvert diameter 600mm
KIBUTHA SHOPPING CENTRE-GITHIRU- GITHIGA	Kanyenya-Ini		Improve accessibility especially in remote areas	8.0	heavy bush clearing opening road with shovel heavy road reshaping(grading) installation of culvert diameter 600mm
JCT T 3653 KAHINGAI- MUTARO-KIAHUHO T.B.C	Kanyenya-Ini		Improve accessibility especially in remote areas	7.5	heavy bush clearing Heavy roads reshaping(grading) installation of culvertdiameter 600mm
JCT E 1587 KIENI- KINGUI JCT-E511	Kanyenya-Ini		Improve accessibility especially in remote areas	4.0	heavy bush clearing opening road with shovel installation of culvert diameter 600mm

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
IHIGA-KAYAWE RVR-MUGUMO-INIT.B.C JCT E 523	Kanyenya-Ini		Improve accessibility especially in remote areas	5.0	heavy bush clearing opening road with shovel installation of culvert diameter 600mm
JCT E523 GACHOROMA-MUTUYA-INI	Kanyenya-Ini		Improve accessibility especially in remote areas	4.0	heavy bush clearing Heavy roads reshaping(grading) installation of culvert diameter 600mm Installation of gabions Rock fill to gabions
JCT E 523 KIHUTI-INI-MBARIYA HITI	Kanyenya-Ini		Improve accessibility especially in remote areas	5.2	heavy bush clearing Heavy road reshaping(grading) opening road with shovel installation of culvert diameter 600mm
JCT D422 KAWARIUA-IRIA YA KAGUGU JCT D422	Kanyenya-Ini		Improve accessibility especially in remote areas	4.3	bush clearing road opening with shovel Heavy road reshaping(grading) Installation of culvert diameter 600mm gravelling,spreading, watering and compaction Gravelling(quarry waste)

GATURI WARD

Project Name	Location/Ward	Priority/ Ranking	Objectives	Target (KMs)	Description of Activities
UNCL. JCT D429 Ithare - Matongu Pri school	Gaturi		Improve accessibility especially in remote areas	1.8	Bush Clearing Heavy grading
UNCL. Matongu-Jct 429 Kimathi Market	Gaturi		Improve accessibility especially in remote areas	1.6	Bush Clearing Culvert installation Ø600 with surround Heavy grading
UNCL. Kimathi market Gachura	Gaturi		Improve accessibility especially in remote areas	1.7	Culvert installation Ø900 Heavy grading Bush clearing
UNCL. JCT D428-Kaigwa Primary school	Gaturi		Improve accessibility especially in remote areas	0.3	Heavy grading Gravel Patching
UNCL. JCT D428-Murio Wanda Cattle Dip-Mathioya River	Gaturi		Improve accessibility especially in remote areas	1	Heavy grading Bush clearing
UNCL. JCT D428 Green-Ndurumo	Gaturi		Improve accessibility especially in remote areas	1.2	Heavy bush clearing Heavy grading Gravel patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. JCT D428 Kiambuji Markert - Murio Cattle dip	Gaturi		Improve accessibility especially in remote areas	2.0	Bush clearing Heavy grading
UNCL. JCT. R.AR8 Gaturi Catholic - R.A.R 8 Kabuta	Gaturi		Improve accessibility especially in remote areas	2.6	Bush clearing Heavy grading
UNCL. JCT.D428 Hakamama-JCT E554 Kabui Primary School	Gaturi		Improve accessibility especially in remote areas	1.6	Bush clearing, Light grading, Scour Checks, Gravel Patching
UNCL. JCT.E554 Gichue-JCT R.A.R8 Gathanji	Gaturi		Improve accessibility especially in remote areas	2.0	Bush clearing, Heavy grading, Culvert installation Ø900 , Dozer
UNCL. JCT D428 Gakurwe market -JCT 426 Kwamambere	Gaturi		Improve accessibility especially in remote areas	0.8	Bush clearing, Gravel Patching, Heavy grading
UNCL. JCT E554 A.C.K gatitu-JCT 540 Thuru Thuru	Gaturi		Improve accessibility especially in remote areas	3.0	Bush Clearing, Culvert installation Ø600,Heavy grading
UNCL. JCT D428 Kahigaini-Gacirago Coffee Factory -URP Gaitheri	Gaturi		Improve accessibility especially in remote areas	2.1	Bush clearing Culvert installation Ø600 with surround Heavy grading
UNCL. JCT D428 Hakamama - JCT E553 Geitwa	Gaturi		Improve accessibility especially in remote areas		Light grading Scour checks
UNCL. Kimathi School- Gituahiu	Gaturi		Improve accessibility especially in remote areas	0.8	Culvert installation 900Bush clearing Heavy grading Gravel Patching
UNCL. JCT.R.A.R9 Kigetui sch-A.C.K Kimathi	Gaturi		Improve accessibility especially in remote areas		Heavy bush clearing Grading heavy Dozer, Gravel Patching
UNCL. Mwirua-Kangure Forest	Gaturi		Improve accessibility especially in remote areas	5.0	Light bush clearing Gravel Patching, Heavy grading without water, Ditch/mitre drain/catch water drain excavation Culvert cleaning- partially blocked- 600mm Culvert installation 600mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Mwirua-jambo bwana	Gaturi	1	Improve accessibility especially in remote areas	6	Grading heavy Dozer, Gravel Patching,scour checks
Kigetu-ini-Mitundu	Gaturi	1	Improve accessibility especially in remote areas	4	Grading heavy Dozer, Gravel Patching,scour checks
Kabuta-mahua-ini	Gaturi	1	Improve accessibility especially in remote areas	8	Gravel Patching,scour checks
Kamahindu-wangaita-Kigetu-ini	Gaturi	1	Improve accessibility especially in remote areas	8	Gravel Patching,scour checks,light grading

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kigetuni shopping centre-rutune Pri sch	Gaturi	1	Improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts
Kigetuni dispensary-Giatha village	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts
Githanga Pri sch-Kwa Wandauti	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts
Githanga pri-Miiri-ini	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Gaitheri Shopping centre-Kwa Nyoro	Gaturi	1	Improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts
Gathukei-ini-Gaturu mbari	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts
Gakurwe sec sch-Gachirago junction	Gaturi	1	Improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts
Muringa shopping centre-kahiga-ini	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Gakira-Mugeka dispensary	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts
Mugeka junction-Karaha bridge	Gaturi	1	Improve accessibility especially in remote areas	6	Gravel Patching,scour checks,light grading,culverts
Corongi-kwa mathu	Gaturi	1	Improve accessibility especially in remote areas	1.5	Gravel Patching,scour checks,light grading,culverts
Kabui shopping centre-Ngii-ini	Gaturi	1	Improve accessibility especially in remote areas	4	Gravel Patching,scour checks,light grading,culverts

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kabui shopping centre-kahero	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts
Gakuyu junction-Munyu village-ha kamama	Gaturi	1	Improve accessibility especially in remote areas	4	Gravel Patching,scour checks,light grading,culverts
Kabui pri sch-Njiku-kahero	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts
Mweru pri-Kwa junction-mathioya river	Gaturi	1	Improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Junction mweru-upper mathioya	Gaturi	1	Improve accessibility especially in remote areas	1	Gravel Patching,scour checks,light grading,culverts
Kabui pri sch-mathioya bridge-kambara	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts
Karinga deliverance church-Karinga cattle dip	Gaturi	1	Improve accessibility especially in remote areas	4	Gravel Patching,scour checks,light grading,culverts
Karinga nursery sch-Kiamuri pri	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Murio wan da-Kimuri pri sch.	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts
Kiamuri pri-Gwa gatemi ridge-murio wa nda	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching,scour checks,light grading,culverts
Kaweru mkt junction-Ichanjeru-Kimangu	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts
Ichanjeru police station-Ichanjeru factory	Gaturi	1	Improve accessibility especially in remote areas	1.5	Gravel Patching,scour checks,light grading,culverts

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Gaturi pri-mahua-ini junction	Gaturi	1	Improve accessibility especially in remote areas	2	Gravel Patching, scour checks, light grading, culverts
Itara-mibau-ini	Gaturi	1	Improve accessibility especially in remote areas	1.5	Gravel Patching, scour checks, light grading, culverts, dozer required
Kahuruko-Ngonda-Mibau-ini	Gaturi	1	Improve accessibility especially in remote areas	4	Gravel Patching, scour checks, light grading, culverts, dozer required
Kigoko pri sch-Kiahiti	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	1	Gravel Patching, scour checks, light grading, culverts, dozer required

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Mitundu shopping centre-Gatitu pri sch-Kwa Muthii scheme boundary	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	7	Gravel Patching,scour checks,light grading,culverts, dozer required
Kamwaha mkt-Karaha-Mathioya river	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts, dozer required
Karaha junction-Kabuta ACK church	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts, dozer required
Mathioya bridge-Karaha	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	1	Gravel Patching,scour checks,light grading,culverts, dozer required

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kabuta mkt-ACK kabuta-Matunguru	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts,
Matunguru junction-Gatabara-Kimathi kiosk	Gaturi	1	Improve accessibility especially in remote areas	4	Gravel Patching,scour checks,light grading,culverts,
Kwa muthungu wa baki-Sagana bridge	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts,
Rutune shopping centre-Gwa Kibandi	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	1.5	Gravel Patching,scour checks,light grading,culverts,

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Rutune apostolic church-Kwa njogu-Kwa wa mugechi-kigarini-Kwa wakimamu	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts,
Rutune apostolic church-Kwa njogu-Kwa wa mugechi-kigarini-Kwa wakimamu	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts,
Kamahindu-Gicii junction	Gaturi	1	Opening of new road to improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts,
Upper nyakihai ACK church-Mwirua	Gaturi	1	Improve accessibility especially in remote areas	1.5	Gravel Patching,scour checks,light grading,culverts,

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Mwirua-Githundi pri sch-Nyakihai shopping centre	Gaturi	1	Improve accessibility especially in remote areas	4	Gravel Patching,scour checks,light grading,culverts,
Nyakihai catholic-Gwa Chief kibiru-Mathioya	Gaturi	1	Improve accessibility especially in remote areas	1.5	Gravel Patching,scour checks,light grading,culverts,
Githundi pri-Mibau-ini-Mathioya river-Mwirua bridge	Gaturi	1	Improve accessibility especially in remote areas	3	Gravel Patching,scour checks,light grading,culverts,
Kirima-Kambwe-Mathioya	Gaturi	1	Improve accessibility especially in remote areas	2.5	Gravel Patching,scour checks,light grading,culverts,

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kirima-mwirua	Gaturi	1	Improve accessibility especially in remote areas	1	Gravel Patching, scour checks, light grading, culverts, dozer required
Kwa mucheke-kagundu-Gatumiro	Gaturi	1	Improve accessibility especially in remote areas	1.5	Gravel Patching, scour checks, light grading, culverts, dozer required
Forest-karia-ria kaingi	Gaturi	1	Improve accessibility especially in remote areas	2.0	Gravel Patching, scour checks, light grading, culverts, dozer required
Kwa mateng'e-Gwa gatembu-Mitundu	Gaturi	1	Improve accessibility especially in remote areas	3	Gravel Patching, scour checks, light grading, culverts, dozer required

MBIRI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	DESCRIPTION
UNCL Gikandu Market-Gakindu	Mbiri		Improve accessibility especially in remote areas	3.0	Light bush clearing Gravel patching Heavy grading Culvert installation 600mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
JCT440 Ndikwe-Gathangaini	Mbiri		Improve accessibility especially in remote areas	1.0	Light bush clearing Gravel patching Filling harecore Heavy grading Culvert installation 600mm with surround
UNCL JCT D426 Kambirwa pri sch-Maragua River	Mbiri		Improve accessibility especially in remote areas	3.1	Light bush clearing Gravel patching Heavy grading Culvert installation 600mm with surround
Ngaini-Kanjuya	Mbiri		Improve accessibility especially in remote areas	14.0	Light bush clearing Heavy grading Gabion installation Gravel patching Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation
Gikandu-Gathamba rd.	Mbiri		Improve accessibility especially in remote areas	2	Heavy bush clearing Heavy grading Gabion installation Gravelling Scour checks constrction. Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation
Kayahwe-Gitei-Kiawambeu	Mbiri		Improve accessibility especially in remote areas	3	Light bush clearing Heavy grading Gabion installation Gravel patching Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation
Kambwe-Gitungano	Mbiri		Improve accessibility especially in remote areas	2	Light bush clearing Heavy grading Gabion installation Gravel patching Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation
Kanjugu-Karemai-in rd.	Mbiri		Improve accessibility especially in remote areas	3	Light bush clearing Heavy grading Gabion installation Gravel patching Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation

Embassy-Gikandu rd.	Mbiri		Improve accessibility especially in remote areas	2	Light bush clearing Heavy grading Gabion installation Gravel patching Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation
Kambi-ini-kirurumo-gaitega rd.	Mbiri		Improve accessibility especially in remote areas	3	Light bush clearing Heavy grading Gabion installation Gravel patching Rock fill to gabions Culvert clearing-partially blocked-600mm Culvert installation

Murarandia Ward

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
UNCL. Matharite Town-Kayahwa Kanyenyaini	Murarandia		Improve accessibility especially in remote areas	2.0	Grading (heavy) Bush Cleaning Culvert installation Ø600 with surround Gravel patching
UNCL. Kamwiyoni Village-Gathamba Tea Buying Centre	Murarandia		Improve accessibility especially in remote areas	1.5	Bush Clearing Gravel Patching Light Grading
UNCL. Jct E522 Karuini-Jct D440 Murarandia	Murarandia		Improve accessibility especially in remote areas	4.0	Grading (Heavy) Gabion installation Rock fill to gabions Gravel patching
UNCL. Jct.D440 Gatuya-Jct E525 Kahithe Secondary school	Murarandia		Improve accessibility especially in remote areas	3.3	Bush Clearing Grading (Heavy) Culvert installation Ø600m with surround Gravel patching
UNCL. Jct.D422 Angola Tea buying centre - Kaganda Sec School	Murarandia		Improve accessibility especially in remote areas	2.0	Bush Clearing Heavy grading Gravel patching Culvert installation Ø900mm 1line

Mugoiri Ward

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
E524 Kahuro-Githagara	Mugoiri		Improve accessibility especially in remote areas	3.0	Bush Cleaning Grading, Culvert cleaning, Gravel patching
UNCL. Yamugwe-Rugaita-Mirichu Pri school	Mugoiri		Improve accessibility especially in remote areas	5	Bush Cleaning Grading
UNCL. Githagara-Kiumba-Githioro-Mitarakwa coffee factory	Mugoiri		Improve accessibility especially in remote areas	10.0	Bush clearing Culvert clearing Gravelling Grading

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. Gititu-Kiria-Ngaru-Muchuugucha	Mugoiri		Improve accessibility especially in remote areas	10.0	Bush clearing Heavy grading Culvert installation Ø600
R.A.R 5 Mugoiri-Mbari ya hiti-Gitiri-Kahuro	Mugoiri		Improve accessibility especially in remote areas	6.0	Bush clearing Light grading Gravelling
UNCL Kiaguthu-Kiboi-mutitu	Mugoiri		Improve accessibility especially in remote areas	3.0	Bush clearing Heavy grading Culvert installation Ø900
UNCL Mutunduru - Dr.Kiano Sec Chool	Mugoiri		Improve accessibility especially in remote areas	1.5	Bush clearing Heavy grading
UNCL Kagira-Yamugwe	Mugoiri		Improve accessibility especially in remote areas	1.5	Bush clearing Heavy grading Culvert installation Ø600
UNCL Gitiri - Githunguri	Mugoiri		Improve accessibility especially in remote areas	4	Bush clearing Heavy grading
UNCL Gititu-Kamaguta-Kiratina	Mugoiri		Improve accessibility especially in remote areas	4.0	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
UNCL Githiro-Munyutha-Kiria(JCT D421 Kagumo School	Mugoiri		Improve accessibility especially in remote areas	6	Bush clearing Heavy grading Culvert installation Ø600 with surround
UNCL Mugoiri High Sch-Kinyoho-Mbari ya Hiti	Mugoiri		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading
Mbari ya hiti-Meopotamia	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Ndutumi-Mugumo-ini	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Ndutumi-Karima	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Komba-Gachie-Yamugwe-Kiahare	Mugoiri		Improve accessibility especially in remote areas	10	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiratina-Miumu-Gititu	Mugoiri		Improve accessibility especially in remote areas	5	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Sheet 1 & 2	Mugoiri		Improve accessibility especially in remote areas	5	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Githioro-Maragwa	Mugoiri		Improve accessibility especially in remote areas	6	Bush Clearing Heavy grading Culvert installation Ø600

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
					Gravel Patching
Gathiru-Mbari ya mbogo	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Yamugwe-Gataro-Ngandu-ini-Kamoro	Mugoiri		Improve accessibility especially in remote areas	4	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kwa Paul-Kambuku	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gitaru Pri-Rwaro	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gatundu pri access rd.	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiaguthu-Gathama	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiaguthu-Kagaa	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiboi-Kahithe-Kaharo	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kaharo-Kiayata-Kahuro	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Miricho-Mbari Ya kiiru	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Ngaru-Muchagara-gakira	Mugoiri		Improve accessibility especially in remote areas	4	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gwa staff-JJ acces rd	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gatani-Mbari ya hiti	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Miembei-ini-Kiriti-Ngandu-ini	Mugoiri		Improve accessibility especially in remote areas	2.5	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gitiri-Kianjogu	Mugoiri		Improve accessibility especially in remote areas	3	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Irewa-kambuku	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
					Gravel Patching
Murai-Kaihungu	Mugoiri		Improve accessibility especially in remote areas	1	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gitaru-Mugwa nyoni	Mugoiri		Improve accessibility especially in remote areas	4	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiria-Mbogo	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Gatundu shopping centre access rd.	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiria shopping centre access rd.	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kahuro shopping centre access rd.	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching
Kiria-Kamaguta	Mugoiri		Improve accessibility especially in remote areas	2	Bush Clearing Heavy grading Culvert installation Ø600 Gravel Patching

Township Ward

Project Name	Location/Ward	Priority/ Ranking	Objectives	Target (KMs)	Description of Activities
UNCL Mumbi-Kambwe	Township		Improve accessibility especially in remote areas	2.0	Gravel patching Heavy grading without watering
UNCL Huhi Petrol Station-Mjini-Mukuyu	Township		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Ditch/mitre drain/catch water drain excavation Gravel patching Culvert installation 600mm with surround
UNCL Mukuyu-Majoyce	Township		Improve accessibility especially in remote areas	2.0	Light Bush clearing Gravel patching Heavy grading
UNCL Kandu-Kiharu	Township		Improve accessibility especially in remote areas	1.5	Heavy grading Culvert installation Ø600 with surround
URA 6 Maragi-Embassy	Township		Improve accessibility especially in remote areas	5.5	light Bush clearing Gravel patching Heavy grading Culvert installation Ø600 with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
JCT E534 Miyembeini-Karindundu Quarry	Township		Improve accessibility especially in remote areas	3.0	Light bush clearing Gravel patching Heavy grading with watering or compaction instructed by the Engineer

WANGU WARD

Project Name	Location/Ward	Priority/ Ranking	Objectives	Target (KMs)	Description of Activities
UNCL Gathinja Market- JCT E1584/1585 Muirigo	Wangu		Improve accessibility especially in remote areas	4.5	Light Bush Clearing Gravelling and Scourchecks Heavy grading
UNCL Koimbi Market - JCT E1584/1585 Wanjengi coffee factory	Wangu		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Gravel Patching and Scourchecks Heavy Grading
UNCL (Loop) Koimbi Pri Sch-Koimbi A.C.K Church	Wangu		Improve accessibility especially in remote areas	4.7	Light Bush clearing Heavy grading Culvert installation 600mm with surround
UNCL JCT E537 Gitui-Gacharu-Gitige A.C.K Church	Wangu		Improve accessibility especially in remote areas	2.5	Light Bush clearing Dozer Gravelling and Scourchecks Heavy grading
UNCL Kayahwe River(R.A.R 5A)-Kirogo Sec	Wangu		Improve accessibility especially in remote areas	3.3	Light Bush clearing Gravel patching and Scourchecks Heavy grading
UNCL Jct E537 Gitui-Gacharu-Gitige A.C.K Church	Wangu		Improve accessibility especially in remote areas	2.5	Dozer Gravel patching Stone & Post checkdam
E539 Karichiungu Coffee Factory- Mukungai	Wangu		Improve accessibility especially in remote areas	4.2	Light bush clearing Stone & Post checkdam Heavy grading without watering Gabion installation Gravel patching Rock fill to gabions Culvert cleaning-partially blocked-600mm
UNCL JCT E539 Mukungai-JCTC72 Mukungu primary school	Wangu		Improve accessibility especially in remote areas	3.0	Light Bush clearing Scourchecks Gravel patching and Scourchecks Heavy grading without watering Culvert installation 900mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL Hangumba-Gitui-Gatheru-Gatundu	Wangu		Improve accessibility especially in remote areas	4.5	Light Bush clearing Gravelling Heavy grading without water Scour checks Gabion installation Rock fill to gabions Culvert installation 600mm
UNCL JCT.C72 Gitweku-Mbari yaThuku	Wangu		Improve accessibility especially in remote areas	6.5	Light Bush clearing Gravel patching Heavy grading without watering Culvert installation 600 mm with surround
E437 JCT.D423 Maragi-Weithaga	Wangu		Improve accessibility especially in remote areas	16.0	Light Bush clearing Heavy grading without watering Gabion installation Tarmacking Culvert cleaning - partially blocked - 600mm
Koimbi Junction - Kahuti trading center patching & recarpeting	Wangu		Improve accessibility especially in remote areas	4.0	Light Bush clearing Heavy grading without watering Gabion installation

KAMACHARIA WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
UNCL.41 Keni-Kairi-Gachirago	Kamacharia		Improve accessibility especially in remote areas	12.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
UNCL.32 Kagwanja Pry Sch-URA2-Kamacharia	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. Jun D428 Kagwanja-Kairi -P C E A Church	Kamacharia		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. D428 Kamacharia-Ihiga-via mbari ya ngechu	Kamacharia		Improve accessibility especially in remote areas	7.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL 5 Keni-Kamune	Kamacharia		Improve accessibility especially in remote areas	2.2	Light Bush Clearing Ditch Cleaning Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
UNCL 62 Kihoni factory-Gaithunu Pry Sch	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Tvuri dispensary-Karugiro-Iria-ini	Kamacharia		Improve accessibility especially in remote areas	8.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Mbari ya Nyaga-Karugiro cf-Thuita Pry Sch	Kamacharia		Improve accessibility especially in remote areas	6.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. Ngurweini-Gatura	Kamacharia		Improve accessibility especially in remote areas	6.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
UNCL. Jun E553 Iruri-Jun URA4-Thuita	Kamacharia		Improve accessibility especially in remote areas	4.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 900 mm with surround Culvert Installation 600 mm with surround
UNCL. D428 Hajoseph-Gacibi	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer, Culvert Installation 600 mm with surround
UNCL. Kamacharia-Kiburu-Gacibi	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer, Culvert Installation 900 mm with surround
UNCL. Ngurue-ini-Kianjoki-Gatura	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Wakabene-Kiria-Rwarai	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Kamatu-Wachiri rd	Kamacharia		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Kamcharia shopping centre-Mararo bridge	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Kagwanja pri sch-Wairiuko-Kamacharia mkt.	Kamacharia		Improve accessibility especially in remote areas	8.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Kamune-rwarai river	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Ria Kiberu factory-Ngechu rd.	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Iruri-Kamune rd.	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Kihuro dispensary rd.	Kamacharia		Improve accessibility especially in remote areas	1.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
All feeder rds to all shopping centres in the ward.	Kamacharia		Improve accessibility especially in remote areas	4	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling

Gikindu-King'ara rd.	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Gikindu-Rari rd.	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Wairiuko-Kiriithiru church	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Kanorwe-Simon rd.	Kamacharia		Improve accessibility especially in remote areas	0.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Richu-kanyingi via kanorwe	Kamacharia		Improve accessibility especially in remote areas	2	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Ruthi-Kirurumo coffee factory	Kamacharia		Improve accessibility especially in remote areas	1	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Mukui-Wairiuko rd.	Kamacharia		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling
Kirungu-Irima rd.	Kamacharia		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround Gravelling

KIRU WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. URA2 Ruma ruma -New city	Kiru		Improve accessibility especially in remote areas	5.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E540 Managa-ACK Church	Kiru		Improve accessibility especially in remote areas	0.2	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E540 Kagumoini-URA2 Kagumo-ini	Kiru		Improve accessibility especially in remote areas	1.3	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer, Gravel Patching, Culvert Installation 600 mm with surround
URP25 Bagdad-Warugara Shopping Centre	Kiru		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
URP25 Kirigu-ini Kaharo tea buying centre	Kiru		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer, Culvert Installation 600 mm with surround
UNCL Equity Kiria-ini-Ngarange C70	Kiru		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E540 Kagumoini-E540 Managa	Kiru		Improve accessibility especially in remote areas	1.6	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL.14 541 Kiriko-E541 Kiriko Pry Sch	Kiru		Improve accessibility especially in remote areas	0.8	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
UNCL. C70 Waranga-Kiru Sch.	Kiru		Improve accessibility especially in remote areas	1.2	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
UNCL. URP25 Irima TCC-Gachuha bridge-Gatiki	Kiru		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Kiangugi-Mwangathia Shopping Centre	Kiru		Improve accessibility especially in remote areas	2.8	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Maria-ini - Ireke village	Kiru		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. Gitwe-Kairo-Kabokoe	Kiru		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E511 Kihari-Ndundu-ini	Kiru		Improve accessibility especially in remote areas	3.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with
UNCL. Jct E511 Kiamuturi-Nguru-ini	Kiru		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Jct E511ruru-Jun E511 Hembe	Kiru		Improve accessibility especially in remote areas	5.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E511Miro-T3651 Kiamahindu TCC	Kiru		Improve accessibility especially in remote areas	3.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. T3651 Muthangari-Muthangari Pry Sch-Kiriti ACK Church	Kiru		Improve accessibility especially in remote areas	1.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround

GITUGI WARD

Project Name	Location/Ward	Priority/	Objectives	Target	Description of
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
	d	Ranking		(KMs)	Activities
E542 Gondo-Kanjahi	Gitugi		Improve accessibility especially in remote areas	6.7	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Cleaning-Partially blocked-600mm Culvert Cleaning-Fully blocked-600mm Culvert Installation 600 mm with surround
UNCL. C70 Mihuti-Kirimiga	Gitugi		Improve accessibility especially in remote areas	4.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
UNCL. D427 Wangondu-D427 Muiri-ini	Gitugi		Improve accessibility especially in remote areas	2.4	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E1592 Karia-ini - E1592 Thakumi	Gitugi		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. Access-Ya Karengo-Nyangiti-Police &H/C	Gitugi		Improve accessibility especially in remote areas	2.2	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. D427 Kanoru-Mukui	Gitugi		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E1592-GITUGI-GITUGI H/Centre & DO'S	Gitugi		Improve accessibility especially in remote areas	0.2	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Installation 600 mm with surround
E1594 Thuitu-Kanjahi	Gitugi		Improve accessibility especially in remote areas	6.7	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Gravel Patching Culvert Cleaning-Partially blocked-600mm Culvert Cleaning-Fully blocked-600mm Culvert Installation 600 mm with surround
UNCL. D427 Muirimi-Mathioya	Gitugi		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E546-Mutunguru-Kiandarwa-Kagongo	Gitugi		Improve accessibility especially in remote areas	4.0	Light Bush Clearing Culvert Installation 600 mm with surround
UNCL. C70 Kangunu C.Factory-Kairi-ini	Gitugi		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. D427 Nyagacheru-Mathioya-Kaheta	Gitugi		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E1594 Chui-Karuku-Kiruyu	Gitugi		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. D427 GITUGI-E1594 Kirembu	Gitugi		Improve accessibility especially in remote areas	2.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. E1592 GITUGI-Kihiti-ini	Gitugi		Improve accessibility especially in remote areas	1.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. D427 Kang'ongi-Ihara	Gitugi		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround
UNCL. D427 King'etho-Kinguri	Gitugi		Improve accessibility especially in remote areas	3.0	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. 58 E1592 Kambara-Kangui	Gitugi		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Heavy grading without watering or compaction instructed by the Engineer Culvert Installation 600 mm withsurround

NGINDA WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
G1 Maragua Hosp-Jct D419	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Unblocking cross culvert 600mm diameter Light Grading Gravel Patching
Unclassified 1 Jct G1 Gikidu-Jct D419 Nginda	Nginda		Improve accessibility especially in remote areas		Heavy Bush Clearing Unblocking cross culvert 600mm dia. Heavy Grading Gravel Patching Culvert Installation 600mm dia Scour Checks Installation(Masonry)
Unclassified 2 Jct E528 Irembu Mrt -Nyerere ACK Chrch	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Unblocking cross culvert 600mm dia. Light Grading Gravel Patching Culvert Installation 600mm dia Culvert Installation 900mm dia
E527 Jct D419 Karimaini-JctE528 Kaharo	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Unblocking cross culvert 600mm dia. Heavy Grading Gravel Patching
Unclassified 4 Jct E528 Kaharo-Kaagio	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 900mm dia Heavy Grading Gravel Patching
Unclassified 7 Jct E528 Itaaga-Kareti	Nginda		Improve accessibility especially in remote areas		Heavy Bush Clearing Culvert Installation 600mm dia Heavy Grading Gravel Patching with Quarry Waste

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified 8 Jct E528 Kirundo-Jct E528 Kwa Mbui	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600mm dia Heavy Grading Gravel Patching
Unclassified 9 Jct D420 Nginda Girls-D421 Iregi	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600mm dia Light Grading Gravel Patching
Unclassified 14 Jct D421 Gakoigo-Ikondo	Nginda		Improve accessibility especially in remote areas		Light Bush Clearing Scourchecks Installation(Masonry Light Grading Gravel Patching
Unclassified Maragua town	Nginda		Improve accessibility within the town		Repair of the tarmack road and Construction of Angle Parking Culvert Installation 600mm dia and proper drainage
Unclassified Maragua town- police station	Nginda		Improve accessibility within the town		Light Bush Clearing Scourchecks Light Grading Tarmacking
Unclassified 17 Jct E529 Gataga-Jct D420 Kigoru	Nginda		Improve accessibility especially in remote areas		Heavy Bush Clearing Culvert Installation 600mm dia Heavy Grading Gravel Patching with Quarry Waste Scourchecks Installation(Masonry)

MAKUYU WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
E532 Jct D424 kimiriri-Kangacha shopping	Makuyu		Improve accessibility especially in remote areas	11.2	Fill material Light Grading Gravel Patching Culvert Installation 900 mm with surround Gabion Installation
Unclassified 2 Jct E532 Miuu-Jct D424 Kakuzi	Makuyu		Improve accessibility especially in remote areas	16	Fill materil on box culvert approaches Light Bush Clearing Heavy Grading Gabion boxes Culvert Installation 600mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified 3 Jct URA 7-Ndera Pry Sch -Ciumbu Mrt	Makuyu		Improve accessibility especially in remote areas	1.4	Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Gravel Patching
URA 7 Makuyu Girls sec-D424 Makuyu	Makuyu		Improve accessibility especially in remote areas	3.5	Culvert Installation 600 mm with surround Fill material Light Grading Light Bush Clearing Gravel patching
Unclassified 6 Jct RAR 21 Pundamili-Ngathaga pry sch	Makuyu		Improve accessibility especially in remote areas	4.6	Light Grading Gravel patching Head wall Repair
Unclassified 7 Jct URA 8 Makuyu-Pundamilia Mrt	Makuyu		Improve accessibility especially in remote areas	2.6	Light Grading Gravel patching
Unclassified 8 Jct D424 makuyu-D424 Pundamili stage	Makuyu		Improve accessibility especially in remote areas	2	Light Grading Gravel patching
Mutithi-Ngurunga	Makuyu		Improve accessibility especially in remote areas		Culvert Installation 600 mm with surround Fill material Light Grading Light Bush Clearing Gravel patching
Mutithi-Kinoo	Makuyu		Improve accessibility especially in remote areas		Culvert Installation 600 mm with surround Fill material Light Grading Light Bush Clearing Gravel patching
Mugumoi-ini rd.	Makuyu		Improve accessibility especially in remote areas		Culvert Installation 600 mm with surround Fill material Light Grading Light Bush Clearing Gravel patching
Makuyu-Gathaiti rd.	Makuyu		Improve accessibility especially in remote areas		Culvert Installation 600 mm with surround Fill material Light Grading Light Bush Clearing Gravel patching

KAMBITI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Unclassified 2-Jct A2 Kwagendo-Masina A	Kambiti		Improve accessibility especially in remote areas		Light Bush Clearing Scour checks Installation Heavy Grading Gravel Patching Gabion boxes (2m*1m*1m)

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified 3-Jct URA 28 Kanoo-Gitune	Kambiti		Improve accessibility especially in remote areas		Heavy Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material Gabion boxes (2m*1m*1m)
Unclassified 4-Jct URA Slaughter-Jct A2 Kasethe	Kambiti		Improve accessibility especially in remote areas		Heavy Grading Heavy Bush Clearing
Unclassified 5-Jct A2 Kwa Jacob-Gitune	Kambiti		Improve accessibility especially in remote areas		Heavy Grading Fill material Culvert installation 900 mm with surround(twin) Heavy Bush Clearing
Unclassified 7-A2 Kambiti Pry Sch-Muthaga Farm	Kambiti		Improve accessibility especially in remote areas		Heavy Grading Heavy Bush Clearing Fill material
Unclassified 9-Jct 533 Ngaruya-Wakoge	Kambiti		Improve accessibility especially in remote areas		Heavy Grading Gabion boxes (2m*1m*1m) Culvert installation 900 mm with surround(twin) Heavy Bush Clearing Box Culvert
Unclassified 10-Jct 533 Githioro-Muthaga	Kambiti		Improve accessibility especially in remote areas		Light Bush clearing Light Grading Gravel Patching
Unclassified 11-Jct 533 Kiambamba-Mataka River	Kambiti		Improve accessibility especially in remote areas		Light Bush clearing Light Grading Gravel Patching

KIMORORI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Unclassified 1-A2 Mitin-Kakuzi-Kanyagu	Kimorori		Improve accessibility especially in remote areas	8	Heavy Grading with watering & compaction Fill material Ditch/Mitre drain /catch water drain excavation Heavy Bush Clearing Gravel Patching with quarry waste Culvert Installation 900 mm with surround Gabion Installation

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified 2-A2-Kenol-Mangoto	Kimorori		Improve accessibility especially in remote areas	3.5	Culvert Installation 900 mm with surround Heavy Grading Gravel Patching with quarry waste Fill material Gabion installation
Unclassified 3-Jct E1577 Kagaa – Makeu	Kimorori		Improve accessibility especially in remote areas	2.5	Culvert Installation 900 mm with surround Light Bush Clearing Heavy Grading Gravel Patching with quarry waste
Unclassified 4-Jct D416 - Githanji Pri. School	Kimorori		Improve accessibility especially in remote areas	3	Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading
Unclassified 5-Jct D416 CCF Mithi - Magoto – Ngimu	Kimorori		Improve accessibility especially in remote areas	3	Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Access road connecting Ngimu village to Karungangi foot bridge	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified A2 Mitini – Kakuzi – Kangangu	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified Kangangu–Jct Magoto Pri.	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified Jct Magoto – Gikono Market	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified Jct Magoto – Gikono Market	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Unclassified Gikino Market-S.Gichohi Pry	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified A2 Kenol – Mangoto	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified Jct Katipanga – Mangoto B Kangangu	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified A2 Katipanga – Karungangi	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material
Unclassified D416 Mitubiri – Gikono – Kangangu	Kimorori		Improve accessibility especially in remote areas		Light Bush Clearing Culvert Installation 600 mm with surround Heavy Grading Fill material

ICHAGAKI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Unclassified 1-C71 St Mary -Jct E530 Mugumoini	Ichagaki		Improve accessibility especially in remote areas	4	Light Grading Gravel Patching Culvert installation 900 mm with surround(twin) Light Bush Clearing Unblocking cross culvert 600mm dia.
Unclassified 2-C71 Maragua-Jct URA 23 Mathuthini	Ichagaki		Improve accessibility especially in remote areas	2.8	Culvert Installation 600 mm with surround Light Bush clearing Light Grading Gravel Patching
URA 27-D424 Itherui -E 1581 Kaharati Pry Sch	Ichagaki		Improve accessibility especially in remote areas	5.1	Light Grading Light Bush Clearing Gravel patching Culvert Installation 600 mm with surround

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
URA 36-Jct E529 Itara-Kiriti-E 528 Githambara	Ichagaki		Improve accessibility especially in remote areas	3	Light Bush Clearing Fill material Gravel patching Gabion boxes (2m*1m*1m) Installation
URA70-E530 Munguini-E1582 Githuya	Ichagaki		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Light Grading Gravel patching
Unclassified 3-Jct D419 Gikomora-Gitige-Jct D419 Muthithi	Ichagaki		Improve accessibility especially in remote areas	2.6	Light Bush Clearing Light Grading Gravel patching
Unclassified 4-Jct E530 Maragua-Ikuyu-Mugumoini	Ichagaki		Improve accessibility especially in remote areas	2	Heavy Bush Clearing Light Grading Gravel patching
Unclassified 5-Jct E530 Githugu-Kiamakumi	Ichagaki		Improve accessibility especially in remote areas	2.1	Heavy Bush Clearing Light Grading Gravel patching Culvert Installation 600 mm with surround
Unclassified 7-Jct E529 Kamira-Jct D418 Muthithi	Ichagaki		Improve accessibility especially in remote areas	3.3	Light Bush Clearing Light Grading Gravel patching Culvert Installation 600 mm with surround
Unclassified 8-Jct E529 Ichagaki Boys-Jct E528 Irembu	Ichagaki		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Light Grading Gravel patching Culvert Installation 600 mm with surround
Unclassified 9-E529 Ichagaki Mrt-Jct E1582 Githuya	Ichagaki		Improve accessibility especially in remote areas	2.3	Light Bush Clearing Light Grading Gravel patching
Unclassified 10-E530 Kianjiru-ini-Mugumo-Gititu	Ichagaki		Improve accessibility especially in remote areas	1.2	Light Bush Clearing Light Grading Gravel patching
Unclassified 11-Jct URA 36-Jct D419 Gikomora	Ichagaki		Improve accessibility especially in remote areas	1.8	Heavy Bush Clearing Heavy Grading Gravel patching Culvert Installation 600 mm with surround
URA 23-C71 Muthuthini-D424 Small Earth	Ichagaki		Improve accessibility especially in remote areas	2.7	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
URA 25-C71 SDA-D424 Itherui	Ichagaki		Improve accessibility especially in remote areas	4.2	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Gikomora cattle dip-Nyamukumbu	Ichagaki		Improve accessibility especially in remote areas	3	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Gathigi-Giathieya rd.	Ichagaki		Improve accessibility especially in remote areas	3	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Gatundu-ini-Maria-ini via Kariara	Ichagaki		Improve accessibility especially in remote areas	1	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Gatundu-ini-Fost rd.	Ichagaki		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Kamucehru-Gaci rd.	Ichagaki		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Kibiriri-Kianjiru-ini	Ichagaki		Improve accessibility especially in remote areas	3.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Gitige-Muthithi rd.	Ichagaki		Improve accessibility especially in remote areas	2	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Nduru-Muthithi	Ichagaki		Improve accessibility especially in remote areas	4.2	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Gwa chere-Itaga rd.	Ichagaki		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Kanyeki-ini-Kigoru	Ichagaki		Improve accessibility especially in remote areas	2.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Githigi-Kandigiri rd.	Ichagaki		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Gichuya-Gichugu rd via githigi	Ichagaki		Improve accessibility especially in remote areas	3.8	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Giathieya-Mumbu pri sch via githuya catholic church	Ichagaki		Improve accessibility especially in remote areas	3.5	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Kamuiiri-Kware rd.	Ichagaki		Improve accessibility especially in remote areas	0.8	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Mbombo-Igikiro rd.	Ichagaki		Improve accessibility especially in remote areas	8.3	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Wairuri ACK feeder rd.	Ichagaki		Improve accessibility especially in remote areas	2	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia.
Ichagaki mixed-maragua town via Kirungu Maisha mathi	Ichagaki		Improve accessibility especially in remote areas	7	Light Bush Clearing Light Grading Gravel patching Unblocking cross culvert 600mm dia. Rd has swampy section.

Kamahuha Ward

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
UNCL. Hamambo-Jct Kahaini Primary school	Kamahuha		Improve accessibility especially in remote areas	300Mt	Gravel patching
UNCL. Hakamundu-P.C.E.A Wathiani	Kamahuha		Improve accessibility especially in remote areas	3	Gravel Patching
UNCL. Muteithania-Gathuri-Gaturi-Karugia	Kamahuha		Improve accessibility especially in remote areas	5	Bush clearing Grading Gravel Patching Culvert installation
UNCL. Hakabii-Wathiani Primary School	Kamahuha		Improve accessibility especially in remote areas	2	Gravel patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL. Igikiro-Ndorome	Kamahuha		Improve accessibility especially in remote areas	5.5	Bush Clearing Grading Gravel patching
UNCL. Kamahuha-Thara Bridge	Kamahuha		Improve accessibility especially in remote areas	1.0	Gravel patching
UNCL. 1 Jct URA 67 Igikiro-Nyongo-Jct Iganjo	Kamahuha		Improve accessibility especially in remote areas	3.0	Gravel Patching Heavy grading without watering Construction of scour checkss(masonry) Light Bush Clearing
UNCL. 3 Jct URA 67 Iganjo-Quarry	Kamahuha		Improve accessibility especially in remote areas	1.0	Fill material Heavy Bush Clearing Gabion installation
E1581 C71 Kaharati-D424 Kamahuha-C71 Saba	Kamahuha			2.3	Gravel Patching with compaction
UNCL.7 Kiha PCA Church-Jct D 424 Kamahuha	Kamahuha		Improve accessibility especially in remote areas	3.3	Light Bush Clearing Light Grading without watering Gravel Patching Culvert Installation 600 mm with surround
UNCL 8 Kamahuha mrt-Kahaini lwr-Jct E1581	Kamahuha		Improve accessibility especially in remote areas	2.4	Light Bush Clearing Light Grading without watering Gravel Patching
UNCL.11 Jct E1581 Kahaini upper-Jct E1581 Nyagati	Kamahuha		Improve accessibility especially in remote areas	2.0	Heavy Bush Clearing Light Grading without watering Gravel Patching Culvert Installation 600 mm with surround
UNCL.14 Karathe Mosque-Railway line Thuita Pry Sch	Kamahuha		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Light Grading without watering Gravel Patching
UNCL.16 Jct E1581 Railway-Jct 1581 Sabasaba	Kamahuha		Improve accessibility especially in remote areas	3.3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kamahuha-Igikiro-Mara njau & Sabasaba-Kamahuha, kamahuha-makuyu & kaharati-kamahuha	kamahuha		Make all these roads to be all-weather	20.0	Quarry waste and gravelling
Spots improvements in the entire ward	Kamahuha	1	Improve accessibility especially in remote areas	3.0	Drainage, protruding stones, gullies, box culvert, quarry waste and gravelling
UNCL.14 Karathe Mosque-Railway line Wathiani Pry Sch	Kamahuha		Improve accessibility especially in remote areas	1.5	Light Bush Clearing Light Grading without watering Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
UNCL.16 Jct E1581 Railway-Jct 1581 Sabasaba	Kamahuha		Improve accessibility especially in remote areas	3.3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Iganjo-kanderendu rd	Kamahuha		Improve accessibility especially in remote areas	3.3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Iganjo-quarry access rd.	Kamahuha		Improve accessibility especially in remote areas	6	Heavy Bush Clearing Heavy grading without watering Gravel Patching
PCEA-igikiro-Gathimi rd	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Igikiro-Gakanga	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kiamwenje rd	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Igikiro-karura forest rd.	Kamahuha		Improve accessibility especially in remote areas	5	Heavy Bush Clearing Heavy grading without watering Gravel
Igikiro-Mikuyu rd.	Kamahuha		Improve accessibility especially in remote areas	2	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Igikiro-Mutharaba-ACK nyati church rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Siranga-Kiha rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Mboga njega karu- Thaara catholic church rd.	Kamahuha		Improve accessibility especially in remote areas	4	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kamahuha-Kiha PCEA church-Wang'ombe rd. D424	Kamahuha		Improve accessibility especially in remote areas	4	Heavy Bush Clearing Heavy grading without watering Gravel Patching
AIPCEA-Thaara river rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Nyati T-Plots access rd.	Kamahuha		Improve accessibility especially in remote areas	20	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kamahuha-Kianduru-Mihuro rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kamahuha-waita rd.	Kamahuha		Improve accessibility especially in remote areas	2	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kahaini lower access rd.	Kamahuha		Improve accessibility especially in remote areas	12	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kahaine-coffee factory-sabasaba rd.	Kamahuha		Improve accessibility especially in remote areas	5	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Hezekiah's-Kandaritari rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kahaine upper & nyangati access rd.	Kamahuha		Improve accessibility especially in remote areas	4	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Congo & kihumbu access rd.	Kamahuha		Improve accessibility especially in remote areas	10	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Machang'a-thaara river bridge rd.	Kamahuha		Improve accessibility especially in remote areas	4	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Karathe-Thaara river rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Karathe & Jumbi access rds.	Kamahuha		Improve accessibility especially in remote areas	5	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Wathiani Pri-Sabasaba rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Wathiani central rd	Kamahuha		Improve accessibility especially in remote areas	2	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Wathiani lower rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Wathiani access rd.	Kamahuha		Improve accessibility especially in remote areas	5	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Gituri sabasaba rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Rwanguno access rd.	Kamahuha		Improve accessibility especially in remote areas	5	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Maganjo-Karia rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Maganjo-Kandaritari rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Maganjo-Karia & Kandaritari access rd.	Kamahuha		Improve accessibility especially in remote areas	5	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Maganjo & sabasaba T plots access rds.	Kamahuha		Improve accessibility especially in remote areas	15	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Sabasaba mkt rear rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kamahuha mkt rear rd	Kamahuha		Improve accessibility especially in remote areas	2	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Mumbu access rd.	Kamahuha		Improve accessibility especially in remote areas	10	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Kaharati mkt-mai mahiu-Job's-sabasaba river rd.	Kamahuha		Improve accessibility especially in remote areas	4	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Wairuri-karia (Sabasaba mkt) rd.	Kamahuha		Improve accessibility especially in remote areas	2	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Muteithania-Gathuri rd.	Kamahuha		Improve accessibility especially in remote areas	1	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Karugia-gituri rd	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Boda Gathuri rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Gathuri lower rd.	Kamahuha		Improve accessibility especially in remote areas	3	Heavy Bush Clearing Heavy grading without watering Gravel Patching
Construction of main bridges in the following areas; thaara river bridge connecting dorome and maranjau; thaara river railway bridge connecting wathina and wathungururu; maganjo-mumbu river bridge – improvement; ngumbu river bridge- improvement; karungiro marangua ridge bridge; Karia- wairure bridge	Kamahuha	1	Enhance transportation of goods and people within the areas	-	Construction works of main bridges

KIHUMBUINI WARD

Project Name	Location/Ward	Priority/ Ranking	Objectives	Target (KMs)	Description of Activities
URP 36 (Ha Munyua - Gathama)	Kihumbuini		Improve accessibility especially in remote areas	3.8	Light Grading Gravel Patching Culvert Installation 600mm with surround Heavy Bush Clearing
E 509 (Gitwamba - Kihumbuini)	Kihumbuini		Improve accessibility especially in remote areas	6.0	Light Grading Gravel Patching Scour Checks
URA 17 (Paul Mbiu - Gachororo)	Kihumbuini		Improve accessibility especially in remote areas	3.1	Gravel Patching Culvert Installation 600mm with surround Hardcore fill Scour Checks
URA 41-01 (Kiunyu - Hakinyungu - Rukoroi)	Kihumbuini		Improve accessibility especially in remote areas	3.2	Light Grading Heavy Bush Clearing Culvert Installation 600mm with surround Culvert Installation 450mm with surround Hardcore fill Gravelling
E 1556 (Karinga-ini - Mukurwe)	Kihumbuini		Improve accessibility especially in remote areas	9.0	Light Bush Clearing Culvert Cleaning Murrum Patching Ditch/mitre cleaning Scour Checks - Masonry

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E 1559 (Kimemu - Gathaithi)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Culvert Cleaning Gravel Patching Light Bush Clearing
UNCL. (Kamaigwa - St. Lawrence Pri. - AP Post)	Kihumbuini		Improve accessibility especially in remote areas	1.8	Culvert Installation 600mm with surround Bush Clearing Heavy Grading
UNCL. (Ishmael - Rugaita)	Kihumbuini		Improve accessibility especially in remote areas	2.0	Manual Road Reshaping Culvert Installation 600mm with surround
UNCL. (Kiamunyugi - Karia)	Kihumbuini		Improve accessibility especially in remote areas	1.5	Heavy Grading Heavy Bush Clearing Culvert Installation 600mm with surround
UNCL. (Gaikamba - Kihumbu-ini Dispensary)	Kihumbuini		Improve accessibility especially in remote areas	2.0	Manual Road Reshaping Culvert Installation 600mm with surround
UNCL. (Kibobo - Kibaka Access Road)	Kihumbuini		Improve accessibility especially in remote areas	0.7	Light Grading Bush Clearing
E 508 (Kihumbu-ini - Gikingi)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 (Kihumbu-ini - Gikingi)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 (Paul Mbiu-mwambato)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kahuhi (Kibobo)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 (Kiunyu-Gakira)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E 508 (Kianjogu)	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kianjege-Kiri Mukui	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Ndiva-Mbari ruga	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kigotho	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Ria mbara	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiunyu coffee factory- watuku	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Cugu	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiri-Miiigua	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Gati-iguru-mbari ya thumbi	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E 508 Gatuya	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiharika	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiriga	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Githunguri A & B	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Giciru	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Gathiru-ini	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kigetho	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Rwa mutual-Paul Mbiu	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kambo	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
E 508 Kahiti-ini	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiunyu-Gicagi	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kahethu-Gaikamba	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiunyu-Githioro	Kihumbuini		Improve accessibility especially in remote areas	3.0	Low scaling tarmack Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kiunyu-Gikingi	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Gathaiti-Mbariruga	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kanjiriri	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Gathaiti	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions
E 508 Kagongo	Kihumbuini		Improve accessibility especially in remote areas	3.0	Light Grading Gravel Patching Construction of Scour Checks - Masonry Gabbion Installation Rockfill to Gabions

KIGUMO WARD

Project Name	Location/Ward	Priority	Objectives	Target	Description of
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Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
	d	Ranking		(KMs)	Activities
Gachocho-Turuturu(R22)	Kigumo		Improve accessibility especially in remote areas	6.5	Gabion installation Rock fill to gabion Heavy grading Gravelling
Gakare-Marumi	Kigumo		Improve accessibility especially in remote areas	2	Light grading Gravelling
Kii Ini- Kamkunji	Kigumo		Improve accessibility especially in remote areas	2	Survey works Heavy grading Bush clearing
Karega-Suta	Kigumo		Improve accessibility especially in remote areas	1.2	Heavy grading Gravelling
Mathare Ini-Ithaya River	Kigumo		Improve accessibility especially in remote areas	2	Survey works Heavy grading Bush clearing
Kigumo Polytechnic-Kigumo Primary	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Survey works Heavy grading
Muthithi-Mathareini(E516)	Kigumo		Improve accessibility especially in remote areas	7.5	Heavy grading Gabion installation Rock fill to gabion Bush clearing Gravelling
Kirere-Mutunguru	Kigumo		Improve accessibility especially in remote areas	3	Heavy grading Post and stone check dams Bush clearing Survey works
Pius Muiruri Acess Road	Kigumo		Improve accessibility especially in remote	1.5	Heavy grading gravelling
Kiriagoro-Irati	Kigumo		Improve accessibility especially in remote areas	2	Survey works Heavy grading Post and stone check dams
Thagaini-Marumi	Kigumo		Improve accessibility especially in remote areas	4	Heavy grading Bush clearing Survey works
Kigumo-Apolo	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Turuturu-Nguku	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Githima-Turuturu	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Waboro-Mwambia	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kiara-loc 6 boundary	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Githuguya-Irigu-ini	Kigumo		Improve accessibility especially in remote areas	2.5	Bush clearing Heavy grading Survey work
Kigumo pri-Irigui-ni	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Kigumo shopping centre-Kihoko	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Kanyanjua-Nyambutu	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Mathare-ini shopping centre-Mathare-in factory	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Kamukunji-mathare-ini	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Kirere-Kiria ngoro	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Kindiri-kahuro junction	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Kirere-miigua-ini	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Gakare-Kirere	Kigumo		Improve accessibility especially in remote areas	1.5	Bush clearing Heavy grading Survey work
Thanga-ini factory-Kahethu	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Ndiara rd- Githima	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Nyaga mara-nguku	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
44 rd-nguku	Kigumo		Improve accessibility especially in remote areas	4	Bush clearing Heavy grading Survey work
Turuturu-Wacendar rd	Kigumo		Improve accessibility especially in remote areas	4	Bush clearing Heavy grading Survey work

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Githima-Pefa church	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Dabu-Githima rd	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Nguku-Kiandutu	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Marumi-Githure	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Marumi-Mathingira	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work
Magutu-ini-Irati factory	Kigumo		Improve accessibility especially in remote areas	2	Bush clearing Heavy grading Survey work
Kiiria-ngoro-kori	Kigumo		Improve accessibility especially in remote areas	4	Bush clearing Heavy grading Survey work
Gakare-marumi-mathare-ini	Kigumo		Improve accessibility especially in remote areas	6	Bush clearing Heavy grading Survey work
Kiiria ngoro-Kirere	Kigumo		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Survey work

KANGARI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Tambua-Kangari	Kangari		Improve accessibility especially in remote areas	3	Bush clearing Heavy grading Gravelling
Kanyore-Iriguini	Kangari		Improve accessibility especially in remote areas	3.2	Bush clearing Heavy grading Scour check installation Gravelling
Kanyore-Kakoine	Kangari		Improve accessibility especially in remote areas	5	Bush clearing Heavy grading Gravelling
Mururi Ine-Marira	Kangari		Improve accessibility especially in remote areas	7	Bush clearing Heavy grading Gravelling
Marira Sec-Kihoko	Kangari		Improve accessibility especially in remote areas	3	Heavy grading Gravelling Scour check installation

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Katundo-Mburu Ine	Kangari		Improve accessibility especially in remote areas	3	Survey work Bush clearing Heavy grading Gravelling
Irima-Mathaiti	Kangari		Improve accessibility especially in remote areas	5	Bush clearing Heavy grading Gravelling
Mathaiti-kangari Chiefs camp	Kangari		Improve accessibility especially in remote areas	7	Bush clearing Heavy grading Gravelling
Njiris-Ngurwe-ini	Kangari		Improve accessibility especially in remote areas	3	Heavy grading Gravelling Scour check installation
Mairi-Forest	Kangari		Improve accessibility especially in remote areas	3	Survey work Bush clearing Heavy grading Gravelling
Gatia-ini-kairitu	Kangari		Improve accessibility especially in remote areas	3	Survey work Bush clearing Heavy grading Gravelling
Makomboki-Kanderendu	Kangari		Improve accessibility especially in remote areas	5	Survey work Bush clearing Heavy grading Gravelling
Kimotho-ndiara	Kangari		Improve accessibility especially in remote areas	5	Survey work Bush clearing Heavy grading Gravelling
Makomboki-kahuho	Kangari		Improve accessibility especially in remote areas	2	Survey work Bush clearing Heavy grading Gravelling
Gatura-Gatia-ini	Kangari		Improve accessibility especially in remote areas	2	Survey work Bush clearing Heavy grading Gravelling

KINYONA WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Karega-Kamunganga, Mununga	Kinyona		Improve accessibility especially in remote areas	22	light grading Gravelling Bush clearing

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kamung'ang'a-Mununga-Kinyona-Matco rd.	Kinyona		Improve accessibility especially in remote areas		light grading Gravelling Bush clearing
Kangari (Kiamaingi)-Kinyona-Njambi-ini rd.	Kinyona		Improve accessibility especially in remote areas		light grading Gravelling Bush clearing
Mununga-Ichichi rd.	Kinyona		Improve accessibility especially in remote areas		light grading Gravelling Bush clearing
Mariira(Gakira)-Ngonda rd.	Kinyona		Improve accessibility especially in remote areas		light grading Gravelling Bush clearing
1 bridge along Irati river (Mau Mau rd); 6 bridges along Maragwa river; 2 bridges along Gathenda river (Kangari-Karinga; Karinga-Mariira); 1 bridge (Karinga-Gikoe mkt.)	Kinyona		Improve accessibility especially in remote areas		light grading Gravelling Bush clearing

MUTHITHI WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Heho-Gachathi-Kambi Bunge (Ura 54)	Muthithi		Improve accessibility especially in remote areas	10.5	Survey work Scour check installation(masonry) Culvert installation 900mm diameter with surround Heavy grading Bush clearing gravelling
Njora-Njora Factory(Ura 710)	Muthithi		Improve accessibility especially in remote areas	2.1	Survey work Scour check installation(masonry) Heavy grading Gravelling Bush clearing
Kiahiti-Githunguri	Muthithi		Improve accessibility especially in remote areas	4.5	Light grading Gravelling Culvert installation 600mm diameter with surround Scour check installation (masonry) Survey work

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Kiamatumbi-Kiahiti-Kiugu-kariro	Muthithi		Improve accessibility especially in remote areas	10	Tarmacking Light grading Gravelling Culvert installation 600mm diameter with surround Scour check installation (masonry) Survey work
Karuri-Githembe	Muthithi		Improve accessibility especially in remote areas	2.5	Tarmacking Light grading Gravelling Culvert installation 600mm diameter with surround Scour check installation (masonry) Survey work
Kambi-maragwa town	Muthithi		Improve accessibility especially in remote areas	12	Tarmacking Light grading Gravelling Culvert installation 600mm diameter with surround Scour check installation (masonry) Survey work
Gakeu junction-gakeu pri sch	Muthithi		Improve accessibility especially in remote areas	2	Murraming
Kamukuru-wa nyambo-Muranga road	Muthithi		Improve accessibility especially in remote areas	3	Murraming

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Karuri mkt-Gititu village	Muthithi		Improve accessibility especially in remote areas	3	Murraming
Ha gitundu-thamara-njora pri sch	Muthithi		Improve accessibility especially in remote areas	5	Murraming
Kiugu shoping centre-kiugu A-Gatune river	Muthithi		Improve accessibility especially in remote areas	2.5	Murraming
Kagurumo-Kiandugira-Sabasaba river	Muthithi		Improve accessibility especially in remote areas	3	Murraming
Irigiro shopping centre-Koruru village	Muthithi		Improve accessibility especially in remote areas	3	Murraming

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Irigiro shopping centre-kiugu village-muranga thika rd	Muthithi		Improve accessibility especially in remote areas	3	Murraming
Jikaze-rwanyaga-kaharati shopping centre	Muthithi		Improve accessibility especially in remote areas	4	Murraming
Njora-kiangagirwa-githama	Muthithi		Improve accessibility especially in remote areas	2	Murraming
Irigiro shopping centre-kimiri-ini-muranga rd	Muthithi		Improve accessibility especially in remote areas	2	Murraming
Masengo village-muranga rd	Muthithi		Improve accessibility especially in remote areas	2	Murraming

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Ichagaki junction-itherui-njora nursery sch	Muthithi		Improve accessibility especially in remote areas	3	Opening
PCEA muthithi-gatuamikwa village-mwireri village	Muthithi		Improve accessibility especially in remote areas	5	Opening
Muthithi mkt-ichamukui-kamira village	Muthithi		Improve accessibility especially in remote areas	4.5	Opening
Gachathi-ini shopping centre-Nyagachachi village	Muthithi		Improve accessibility especially in remote areas	3.5	Opening
Muthithi catholic church-Gwa kahuko	Muthithi		Improve accessibility especially in remote areas	2.5	Opening

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Giatha church-itherui-muthithi mkt	Muthithi		Improve accessibility especially in remote areas	4	Opening
Ucera village-Gathima well	Muthithi		Improve accessibility especially in remote areas	1	Opening
Thamara pri sch-Sabasaba river	Muthithi		Improve accessibility especially in remote areas	2	Opening
Construction of bridges in the froad; ollowing areas: matuto river on heho- mbunge road; matuto river on heho- gachatheini; thamara- kahiti road on sabasaba river; kororo- kaandani on sabasaba river; njora- githunguri on sabsaba river; ngithunguri- githama on gatune/ sabasaba river	Muthithi ward	1	Enhance transportation of goods and people within the areas	-	Construction works of footbridges

KAHUMBU WARD

Project Name	Location/Ward	Priority Ranking	Objectives	Target (KMs)	Description of Activities
Kiambogo Access Road	Kahumbu		Improve accessibility especially in remote areas	3	Culvert installation 600mm diameter with surround Heavy grading with watering and compaction Gravel patching

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
					Bush clearing
Mwema Acces Road	Kahumbu		Improve accessibility especially in remote areas	4	Culvert installation 600mm diameter with surround Heavy grading with watering and compaction Rock fill to swamp Gravel patching
Mwototo Access Road	Kahumbu		Improve accessibility especially in remote areas	2	Culvert installation 600mmdia with surround Heavy grading with watering and compaction
Rwathia Gikundu-Kahuho	Kahumbu		Improve accessibility especially in remote areas	3	Culvert installation 600mm diameter with surround Culvert installation 900mm diameter with Surround Stone and post check dams Gravelling Gabion installation Rock fill to Gabion Bush clearing H/grading
Kandani-Ndonga Kairi Access Road (Ura 38)	Kahumbu		Improve accessibility especially in remote areas	9	Heavy grading with watering and compaction
Jack Mbogoini Access Road	Kahumbu		Improve accessibility especially in remote areas	3	Culvert installation 600mm diameter with surround Stone and post check dams Heavy grading with watering and compaction Bush clearing Rock fill to swamp Gravel

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Mugumoini-Mbari Ya Kiogo Access Road	Kahumbu		Improve accessibility especially in remote areas	1.2	Bush clearing Culvert installation 600mm diameter with surround Post and stone check dams Heavy grading with watering and compaction Gravel
Karabai Gatungu Access Road	Kahumbu		Improve accessibility especially in remote areas	4	Culvert installation 600mm diameter with surround Gabion installation Rock fill to gabion Post and stone check dams Heavy grading with watering and compaction Bush clearing
Kagwethu-Kamungu Kagonga Access Road	Kahumbu		Improve accessibility especially in remote areas	3.5	Culvert installation 600mm diameter with surround Post and check dams Heavy grading Bush clearing
Gutundunguru-Kagonga Mbogoini Access Road	Kahumbu		Improve accessibility especially in remote areas	3	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Githioro Karuri Bridge Road	Kahumbu		Improve accessibility especially in remote areas	4	Culvert installation 600mm diameter with surround Catch water drain excavation Gabion installation Rock fill to gabion Heavy grading Gravel
Kahariro-Mwera Access Road	Kahumbu		Improve accessibility especially in remote areas	4	Scour check installation Heavy Grading

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Githembe Kirigu	Kahumbu		Improve accessibility especially in remote areas	4	Culvert installation 600mm diameter with surround Gabion installation Rock fill to gabion Post and stone check dams Heavy grading with watering and compaction
Gutundunguru-Kagonga Mbogoini Access Road	Kahumbu		Improve accessibility especially in remote areas	3	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Githiuro Karuri Bridge Road	Kahumbu		Improve accessibility especially in remote areas	4	Culvert installation 600mm diameter with surround Catch water drain excavation Gabion installation Rock fill to gabion Heavy grading Gravel
Gatunduguru-kamungu-Mbogo-ini rd.	Kahumbu		Improve accessibility especially in remote areas	3.5	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Kanguku-Mugumo-ini-Mbogo-ini-Gakarati rd	Kahumbu		Improve accessibility especially in remote areas	13	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Gathima-ini-Matura-ini	Kahumbu		Improve accessibility especially in remote areas	2.5	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Mwara-Kianjugu access rd.	Kahumbu		Improve accessibility especially in remote areas	3.0	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Kiada kia mbui access rd.	Kahumbu		Improve accessibility especially in remote areas	1.5	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Kwa njata-Ngumbo-Kimachu rd.	Kahumbu		Improve accessibility especially in remote areas	3.0	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel
Gathima-ini-Kimachu rd	Kahumbu		Improve accessibility especially in remote areas	1.7	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel

Project Name	Location/Ward	Priority Ranking	Objective	Target (KMs)	Description of Activities
Githioro-Karuri bridge	Kahumbu		Improve accessibility especially in remote areas	3.0	Gabion installation Rock fill to gabion Culvert installation 600mm diameter with surround Scour check installation(masonry) Heavy grading Gravel

Information and Communications Technology (ICT)

Vision:

To deploy appropriate Information and Communication Technologies (ICT) as the enabler of operations and quality service delivery within the next five years

Mission:

To transform the County into a modern entity that utilizes state of the art technology to improve efficiency and effectiveness of its operations, delivering first class service to its people.

Information Communication Technology (ICT) Projects

I. Proposed /On Going Project

Name of project & Location	Objectives	Target	Description of Activities
Objective1:			
Development of County ICT policy and strategy	Manage-ICT use and security issues in a comprehensive and coordinated way	Policies, Procedures and Processes	Prepare a policy document
Objective2:			
Acquisition of equipment and Establishment of networks	Improve the technical infrastructure to facilitate communication and automation of key business functions	Hardware and communication strategy	Procure and installation of equipment
Objective3:			
Capacity Building on ICTs	Build implementation capacities and change management	ICT Governance and Capacity Building Strategy	Train officers
Objective 4:			
Development of an Enterprise Resource Planning (ERP) software	Document and implement database management principles	Data and Information Strategy	Development of software

County Human Resource Information System	Automate HR Records	County database	Procuring of machines and installation of software
Digitalization of HR Records	Scan and store HR records	Scanned records	Computerising of all HR records
Objective5:			
Design and development of County website	Improve interaction with stakeholders	Public Access Strategy	Development of a county website

II. New Projects Proposals

Project Name	Priority ranking	Objectives	Targets	Description of activities
Develop ICT Centres and improve connectivity (County wide)	1	Improve ICT connectivity	All counties connected to Fibre optic	Construction works
Design and launch website (Head Quarters)	1	Operational and up to date website	1 website	Designing Launching
Extension of fiber optic cable to all major towns (County wide)	1	To improve internet connectivity	All major towns	Laying the cable
Constructing and equipping ICT and documentation centers (County wide)	1	To enhance connectivity and access of information by the citizens	Construct and equip 35 ICT Centers in county Constituency; Train 500 youths in each ward	Capacity building on youth on business and IT development skills, online training courses and accessibility of e-government services and literature materials
Installation of satellite communication network in public institutions (County wide)	1	To enhance connectivity	Provide communication gadgets to all public institutions	Provision of telecommunication gadgets (HF radio) for institutions not covered by telephone network
Provision of speedy internet equipment (County wide)	1	Enlighten the communities	All ward headquarters. All schools in the sub-county	Establishment of ICT laboratory in schools and institution Inclusion of ICT in curriculums

Increase network coverage across the county by all service providers (County wide)	1	To enhance connectivity	Connectivity in all wards in the County	Installation of communication of masts
ICT training and capacity building (County wide)	2	All County staff become conversant with ICT	As per the established needs	Trainings
Telephony connection project sub-county (County wide)	2	Establishment of a LAN and WAN for sharing between the county and sub-county.	County wide telephone connection	Tendering Lan and Wan connectivity
Establish a county communication center (Headquarters)	1	Management of media communication and branding of the county government	1 county communication centre	Construction works Equipping
Establish sub county communication center	2	Management of media communication and branding of the county government	8 sub county communication centre	Construction works Equipping
County communication and marketing strategy (Headquarters)	1	Improved communication and county brand	County Communication strategy	Developing strategy Implementation
Establish BPO center for Murang'a (Kiharu)	2	Increase employment levels	1 BPO center	Tendering Construction works Equipping
Installation of CCTV surveillance system (County wide)	2	To enhance Security	County offices	Supply Install, Maintain, communication of security issues
Recruitment of ICT staffin accordance with the organisation structure	1	For developed management of ICT infrustructure	All concern offices	Recruit and induct new staff
Establish Murang'a County TV & Radio (Kiharu)		Information dissemination with a view of marketing the county as a whole	1 TV station 1 Radio Station	Obtain specification

7.3.5 Strategies to Mainstream Cross-cutting Issues

In collaboration with the various stakeholders in the sector, prominence will be given in coverage of cross-cutting issues such as HIV/AIDs, unemployment, environmental matters, gender and poverty. The sector will use its comparative advantage in networking to avail the message to the masses. Adverts and posters will also be used to fast track and relay of information to the target community. The sector will play crucial role in creating employment opportunities for youths in service industry especially the energy, ICT, roads and transport subsectors. Disaster management and security response will also be enhanced through good road, transport and communication networks. During construction of roads and buildings, environmental impact assessment will be conducted to ensure any adverse effects on environment are mitigated.

7.4 Health Sector

The sector is represented in the county by 2 sub sectors; Public Health & Sanitation and Medical services.

7.4.1 Sector Vision and Mission

Vision

A healthy and nationally competitive county

Mission

Deliberately build progressive response and sustainable technologically driven evidence based and client centered health system for accelerated attainment of highest standard of health to all Kenyans.

7.4.2 County Response to the Sector

In response to the sector vision and mission, the county aims at improving access to quality health care to the community. Focus has been on reduction of infant mortality rate and maternal mortality through upgrading of local facilities to offer maternity services that help the rural communities' access pre and post natal maternal services. The county has focused on sustaining the 2 % prevalence of malaria in the lower zones of the county at or below the current 2%. It also aims to reduce the prevalence of TB, HIV/AIDS, communicable diseases and non- communicable diseases. A lot of emphasis has been placed on health education, training of community health workers and partnership between the government and other service providers in provision of preventive services.

The County health sector strategic plan and annual work plans will be informed by this County integrated development plan.

7.4.3 Role of stakeholders

The following are the roles of stakeholders in the health sector.

Stakeholder	Role
National government	To give policy guidelines for the sector.
County Government	Development of health infrastructure Development of Human resource Procurement of health commodities Funding health related activities

	Overall policy direction in the County
County Public service board	Human resource management
Department of Public health	Prevent and promote health services
Department of Medical services	Curative and rehabilitative health services
Regulatory bodies	Professional regulation
Health insurance providers	Provide medical health insurance.
Community	Participate in preventive medical activities and programmes and cost share in medical services
FBOs/ CBOs	Supplement government efforts in provision of medical services
Private Sector	Provide and increase access to medical services
Development partners	Complement national and county government to implement health programs and provide services.
County Assembly	Development of regulations and policies

7.4.4 Sector resources, constraints, achievements and strategies

Resources	Constraints	Achievements	Strategies
Devolved funds	Inadequate funds	Introduction of health sector service fund(HSSF)	Improved funding Public private partnership
Human resources	Poor motivation of health workers Inadequate staffing Unmet training needs Poor disaster preparedness	Capacity building of the staff Employment of ESP staff Staff recruitment e.g. casuals using FIF	Hiring of additional healthcare workers to alleviate shortage; Public private partnership Capacity building Formulate a contingency plan for preparedness response and

		Employment of staff by partners	management of disaster emergencies
Commodity management	Little or /no Resources allocation to implementing agencies Erratic supply of commodities Inadequate storage facilities	Adoption of pull system Competitive procurement of commodities	Inter-sectoral collaboration Automation of supply chain Establishing county and sub counties warehouses
Infrastructure	Poor infrastructure and equipment, Inadequate Resources allocation Poor data management	Support from partners Introduction of FIF Introduction of DHIS 2	Decentralization of health services Involvement of more partners Increased allocation from county government Automating Health Information System

7.4.5 Projects/ Programmes

The following information outlines the status of projects in the county

On-going Flagsip Project/ESP

The following are the ongoing and incomplete project started under Economic Stimuls project

Facility	Sub-County	Status	Description of the Activities
Kambirwa Health Center Kiharu	to enhance health status in the community	Mechanical works, Extrenal finishing, Water supply installation Delivary sluice room, Kitchen and Laundry room	80% Complete

Nyangiti Health Center Mathioya	to enhance health status	To upgrade the dispensary to a health center	90% Complete
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Other On –going Project

The following are the other programmes/ projects in the Health sector which are on-going.

Project Name & Location	Objectives	Targets	Description of Activities
HIV/AIDS prevention and management	To reduce the HIV prevalence and incidence To eliminate mother to child transmission of HIV.	Reduce prevalence from 3.99% to 1.9% Reduce the incidence by 50% by 2018 Reduce mother to child transmission rate from 1.9% to 0%	Provision of care & treatment to all HIV/AIDS patients. Early capturing of pregnant mothers.
TB prevention and management	To intensify TB case finding and notification To increase the TB cure rate	Raise the case of finding TB from 195/100,000 to 200/100,000 Raise the cure rate from 86.5 % to 90%	Defaulters tracking Out –reach programme Direct Observed Therapy
Prevention and management of Diabetes hypertension cervical and breast cancer	Reduce the burden of the common non communicable diseases and cancer	Reduce the burden of NCDs and Cancer by 20%	Routine Screening of high risk Groups on Diabetes hypertension cervical and breast cancer Creating awareness on diabetes hypertension cervical and breast cancer Provision of accessible

			comprehensive care including dialysis
Establish a trauma and padrieticcentre including ambulance services	Establish an efficient emergency service	Have a functional ambulance services by year 1 Have a fully functional trauma center in 2yrs.	Procurement of ambulance Establish a trauma and padrietic center procurement of skilled management of trauma patients Capacity building of staff on handling trauma clients
Enforce the occupational health and safety Act	To reduce No. of occupational related injuries	Establish an OHS enforcement unit and the relevant doctor	Periodic Audit
Marternal Child Health Programme	To reduce infant maternal mortality	Reduce infant mortality rate from 34/1000 to 20/1000 by 2018	Construction of maternity with in Health Facilities Enhancement of focused antenatal care, skilled delivery and newborn care
Establishment of alcohol and substance abuse rehabilitation Centre	Reduce disease/death burden due to alcohol and substance abuse	Establish 2 Alcohol and substance abuse rehabilitation Centres.	Construction of rehab center Out reach programme
Improved nutrition intervention	Reduce number of malnourished children	Reduce the malnourished children by 20%	Outreach programmes Nutrition supplement

Water treatment at household level	To increase number of household with access to safe water from 23% to 70%	To increase the number of household with access to safe water from 23% to 70%	Water treatment Campaign advocacy
Completion of Maternity Wings.	To improve maternal health care.	Ensure fully completed maternity wings for improved maternal health services provision	Equipping, Installation of water & Electricity, Painting, Fencing, Construction of incinerator.
Renovation of health facilities and staff quarters.	To improve health care service delivery.	Improved Conducive working environment.	Construction and Rehabilitation works

ii. Proposed/New projects & programmes

Project Name Location	Priority Ranking	Objectives	Targets	Description Of Activities
Carry out an audit of health facilities (County wide)	1	Realize actual information on the number, condition, and status of all health facilities	Established data base for all health facilities.	Data collection.
Upgrade Murang'a hospital to a referral hospital in collaboration with institutions of higher learning.(i.e Muranga university college)	1	Improved care for referred cases.	To establish a referral hospital in the County.	Procurement. Construction. Equipping Signing of MOUs
Hiring of medical staff for the County health services (County wide)	1	Improve health service delivery	Number based on demand	Recruitment Appointment
Capacity Building and Training needs	1	Improve service delivery	No of training based on career	Trainings.

Project Name Location	Priority Ranking	Objectives	Targets	Description Of Activities
assessment. All existing staffs (inclusive of new recruits).		To train all the health personnel for improved service delivery.	need assessment	Need assessment
Collaborate with other health sector stakeholders (County wide)	1	To ensure public health programmes are successfully implemented through stakeholder partnerships Improved collaboration and partnership in health sector	Identify partner and have corroborative networks and structure.	Identify partners Develop proposal Engage partners
Provision of ambulances for the county hospitals and all wards (County wide)	1	To effectively deliver healthcare services Improve service delivery	Procurement of 35 ambulances	Purchase of ambulances.
Upgrading of dispensaries to health centers (County wide)	1	Upgrade dispensaries to health centres through provision of required equipment and staffs. Improve health care services	Upgrade 89 public dispensary to health center	Improving physical infrastructure, provision of medical equipment and hiring of staff
Construct and rehabilitation Sub-county health headquarters in all the sub-counties.	1	Proper coordination of health activities Improve health care services	construct and rehabilitate 8 sub county health headquarters	Tendering, Construction Equipping
Pharmaceuticals-purchase and supply of drugs as per facility workload in every facility in the county. (County wide)	1	To ensure regular and timely supply of drugs to health facilities. Improve health care services	procure and timely suppl of harmaceutical to all health public facilities	Procurement Supply.
Purchase aand supply of non-pharmaceuticals equipments (County wide)	1	For treatment of ailments thus improving the quality of lives Improve health care services	procure and timely suppl of harmaceutical to all health public facilities	Procurement & distribution
Design and operationalize an insurance programme	1	To enhance health care provision for vulnerable groups	To subsidize specialised treatment to the	Identification Registration of

Project Name Location	Priority Ranking	Objectives	Targets	Description Of Activities
for the vulnerable groups. (County wide)			poor	vulnerable groups Provision of Insurance cover.
Establish a diagnostic center in Murang'a hospital	1	To provide comprehensive, advanced medical diagnostic services	to have a full operational diagnostic center	Develop project paper, construction and equipping
Implement Community health strategy (County wide)	2	To put up a comprehensive community health strategy	Implement county Community health strategy	Community health strategy preparation.
Establish a "Health Pull Fund" through PPP to enhance Health provision (county wide)	2	To finance health related problems. Ensure access to health by all.	To have operational health kitty to support health provisio	Resource mobilization, Priority setting and budgeting
Automate Pharmaceutical/Non pharmaceutical commodities –Information Management System (County wide)	1	Streamlined pharmaceutical and non-pharmaceutical management system in hospitals	Ensure all hospitals management activities are well recorded.	Tendering. Purchasing. Distribution.
Establish a renal center in Murang'a Hospital	2	To ensure renal services delivery.	Have a functional and well equipped renal centre in place.	Tendering Construction Equipping
Up-grading Kirwara Hospital to Level 5 Hospital		To ensure access to improved health services.	Improved health care service delivery.	Improve the infrastructure Equipping Staffing
Establish an eye center (Kandara, Kirwara and Gatanga Hospitals)	2	To offer ophthalmological services	Ensure eye related problems are well cared for.	Tendering Construction.

Project Name Location	Priority Ranking	Objectives	Targets	Description Of Activities
				Equipping
Establish a Trauma centre at Makuyu(Maragua)	1	Offer comprehensive management of trauma patients	Improved health care service delivery for special cases.	Tendering Construction works Equipping
Establish a health sector plan (County wide)	1	Have a well programmed and coordinated health related activities.	to have one operational Health sector plan	Mapping, design, data collection, stakeholders meeting, report writing
Purchase of utility vehicle, motorcycles and bicycles (County Wide)	1	To ensure timely delivery of health services	To procure 20 utility vehicle, 100 motorcycles and 200 bicycles	Procurement and distribution
To establish and rehabilitate of mortuaries in all the sub-counties	1	To provide quality mortuary services Ensure proper care of the dead bodies	.8 No. of Mortuaries are constructed/ rehabilitated	costruction/ rehabilitation and equipping
Purchase and rehabilitation of existing cemeteries (county wide)	1	Mapping and acquisition of land meant for cemetery; Ensure proper disposal of dead bodies	.8 no. of cemetery established	Rehabilitation of existing cemeteries Demarcation, fencing and beautification
Establishment of 1 New dispensary in every ward(NEW)	1	To ease access to health care services Ensure improved health service delivery.	35 number of dispensaries established	Construction. Equipping. Staffing
Upgrading Health Centres to Sub-county hospitals.	1	To ease access to health care services. Ensure improved health service delivery.	8 health centers upgraded to sub county hospitals	Construction. Equipping. Staffing

Project Name Location	Priority Ranking	Objectives	Targets	Description Of Activities
Upgrading 2 Dispensaries in each ward to health centers	2	To ease access to health care services. Ensure improved health service delivery.	Upgrade 70 dispensaries	Construction. Equipping. Staffin
Establishment of Orthopedic & Disability assessment centers		Improved health service delivery to PLWD.	8 number orthopaedic centers are established	Construction. Equipping.
Purchase of Skin Cancer Screening Machine for Murang'a County Hospital.		Improved health service delivery to PLWD.	1 operational cancer screening centre in 2 years	Construction, installation and operationalise.
Rehabilitate and enforce all health facility have Disability friendly infrastructure.		Improved health service delivery to PLWD.	Have Disability friendly infrastructure in all health facilities	Design and construction
Provision of Sun screen lotion and anti-epileptic drugs (County wide)		Improved health service delivery to PLWD.	Procure and supply Sun screen lotion and anti-epileptic drugs in county and all sub-county hospitals	Purchasing and distribution
Construction of the maternity wings (county wide)		To improve maternal health care.	Construction/rehabilitation and equipping marternity in 98 dispensaries	Construction/rehabilitation and equipping
Construction/rehabilitation and equipping of Health laboratories (county wide)		To improve health care service delivery.	Construct/rehabilitate and equip 40 health facilities	Construction/rehabilitation and equipping
Establish of 8 rehabilitation		to minimise cases associated	8 number of rehab center are	Construction.

Project Name Location	Priority Ranking	Objectives	Targets	Description Of Activities
center		with drug addiction	operational	Equipping.
Purchase and installation of water tanks County wide		To encourage water harvesting in all the health centers	Procure and installation of water tank in all the 113 health facilities	Procuring and installation

7.4.6 Strategies to Mainstream Cross-cutting Issues

The sector will mainstream emerging health issue e.g. HIV/AIDS as per the KNASPS IV. Training and awareness programs will be instituted to address work place safety.

Intersectoral collaboration will be enhanced to ensure health sector is in line with County objectives. This will be facilitated by consultative and intersectoral working groups and joint planning. This will address cross cutting issues e.g. disaster preparedness and response, disease surveillance, school health program, disability mainstreaming.

7.5 Education Sector

The sector is represented in the county by the following sub sectors; basic education, higher education science and technology, adult and continuing education and Tourism.

7.5.1 Sector Vision and Mission

Vision

To create a functionally literate, learning and empowered society.

Mission

To eradicate illiteracy and promote life-long learning among adults and youth to enable them make informed decisions, become self reliant and improve their livelihood.

7.5.2 County Response to the Sector

In response to the sector vision and mission, the county seeks to develop schools and to make them competitive nationally. This is gauged by the performance of students in National exams compared to students in other counties. The sector also seeks to introduce computer lessons at secondary school level to improve the competitiveness of students from the county. It also seeks to develop tertiary institutions in the county to offer courses which are competitive and relevant to the demands of the global labour market.

7.5.3 Role of stakeholders

The following are the roles of stakeholders in the education sector.

Stakeholder	Role
Departments of Education	To provide knowledge and skills to adults and out of school Youth for self reliance and sustainable development. To give policy guidelines, regulation, licensing, registration of new institutions and quality assurance for the sector; To provide free universal and basic primary education to all children of school going age; Provide free secondary education to all; Develop education infrastructure/facilities.
Devolved Funds	Development of educational infrastructure; Provide equipment reading materials; Provide bursaries.
Community	Participate in development of education infrastructure and support; School going children through education; Ensure children go to schools; Ownership safeguarding the educational institutions and properties.
PTA/ BOM	Management of schools.
Trade unions	Champion the welfare of members.
FBOs/ NGOs/ CBOs	Supplement government efforts in provision of education.
Private Sector	Provide and increase access to education.

7.5.4 Sub-sector Priorities, Constraints and Strategies

Sub-sector	Priorities	Constraints	Strategies
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Adult Education	Mainstream Adult Education To enable adults to access information. Improve literacy among residents. Provide tutors with skills on how to handle adult learners. Provide teachers with skills on how to handle adult learners.	Lack of adequate qualified personnel Lack of full time teachers in the County. Lack of transport means for supervision and inspection Shortage of teaching/learning materials.	Upgrading the infrastructural facilities of the 3 ABE Centers per ward Procurement and supply of computer to the ABE centers Recruitment of teachers for the ABE centers. Employ two ABE teachers per ward Creation of ward awareness sensitization Link Adult Education to social economic development by setting up a non-formal center in every ward for adults.
Education and Training	To accommodate the increasing number of students from primary and both secondary schools. Equip students with modern IT skills.	Poverty; inadequate facilities; inadequate polytechnics and tertiary institutions; lack of enough teachers and trainers; poor housing for teachers; No vehicles to facilitate supervision and monitoring	Upgrading the infrastructural facilities. Procurement and supply of computer to schools. Recruitment of teachers

7.5.5 Projects/ Programmes

Education sub-sector

I. Flagship Projects

The matrix below shows the flagship projects in the education sector and their implementation status.

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Build and equip secondary schools in each constituency; Countywide	1	To accommodate the increasing number of students graduating from primary schools.	1 secondary school per constituency.	Upgrading the infrastructural facilities.
Computer supply for schools-All constituencies; Countywide	1	Equip students with modern IT skills.	40 computers per constituency.	Procurement and supply of computer to schools.
Recruit 50 Primary school teachers on 3 year contract in each constituency; Countywide.	1	To cater for increasing number of pupils.	50 primary schools per constituency.	Recruitment of teachers.
Recruit 10 secondary school teachers on 3 year contract in each constituency; Countywide.	1	To cater for increasing number of students transiting from primary schools.	10 secondary schools per constituency.	Recruitment of teachers.
Convert unused classroom into boarding facilities	1	To enhance learning	10 secondary schools per constituency	Furnishing
Build and equip Primary 2No. Schools in each constituency, Countywide.	1	To accommodate the increasing number of pupils due to free primary school.	2No. Primary schools per constituency.	Upgrading the infrastructural facilities.

Establish a Kshs.60, 000 tree funds for 20 primary schools in each constituency.	1	Enhance tree cover in the county.	Woodlots in 20 primary schools.	Procure and plant seedlings in primary schools.
Convert unused classrooms into boarding facilities 5 per ward.	1	To increase study time	105 Boarding Primary Schools	Furnishing and refurbishing Staffing
Establish school for persons with disability in Murang'a South	1	To establish school for persons with disabilities for access, talent identification and skills development(training)	1 centre established in Murang'a south	Construction and equipping of 1 school for persons with disabilities
Convert 16 low cost sub county secondary schools to Boarding Schools	1	To accommodate the bright and needy.	16 no. low cost secondary boarding schools	Furnishing and Refurbishing Staffing
Establish schools for persons with disability county-wide	1	To enhance access of people with disability to quality education	3 schools for persons with disability 1 For person with physical disability 1 For persons with visual impairment 1 For persons with mental disability	Establish schools for persons with disability county-wide
Establish 1 adult learning centre for people with disability	1	To enhance access of adult persons with disability to education	1 school for adult persons with disability	Establish 1 adult learning centre for people with disability
Improve education facilities in regular schools to accommodate pupils with disability county wide	1	To ease movements and learning conditions for the pupils with disabilities	Improve public education facilities countywide	Improve education facilities in regular schools to accommodate pupils with disability county wide
Establish a teacher training center for special education	1	To increase the number of teachers with special education	1 teacher training center for special education	Establish a teacher training center for special education
Purchase special equipment for persons with disability	1	To enhance access of people with disability to quality education	Procurement of special equipment for the physically challenged	Purchase special equipment for persons with disability
Establishing of new ECD Centers county wide	1	To enhance access to early childhood development education	Establish 15 ECD centers in every ward	Construction of classrooms Equipping
Construction of new Class rooms for ECD Centres Countywide	1	To enhance quality of early childhood education	Construction of 6 new ECD classrooms in every ward county wide	Construction Equipping
Renovation and equipping of ECD Centres Countywide	1	To improve learning conditions in the existing ECD centers	Renovation and equipping of 15 ECD centers in every ward	Renovation Equipping
Establishing of new ECD Centers county wide	1	To enhance access to early childhood development education	Establish 15 new ECD centers in every ward	Construction of classrooms Equipping

Capitation funds per pupil for ECD children	1	To enhance access to early childhood development education	Establish new ECD centers in every ward	Construction of classrooms Equipping
Establishing of New Primary Schools	1	To enhance access to quality primary education	Establish 3 new schools in every ward	Construction Equipping
Construction of new classrooms in primary schools	1	To increase access / reduce congestion in primary schools	Construct 70 new classrooms in every ward	Construction Equipping

II. On- going Projects/Programmes:

The following are the other Projects/ Programmes in the education sub- sector.

Project name & Location	Objectives	Targets	Description of activities
Classrooms and Administration Blocks; County wide.	Ease congestion in schools.	Construct classrooms; Construct administration blocks.	To construct 91 classrooms and administration blocks.
Construction of Science Rooms and laboratories; County wide.	To improve science teaching in schools.	Construct 35 science laboratories. 1 per ward	Construction of 35 laboratories in various schools. 1 per ward
Textbook Project; County wide.	Raise the standard of education.	Raise the textbook-pupil ratio to at least 1:2.	Purchasing textbooks for school.
Electrification of Primary and Secondary Schools; County wide.	Raise the standard of education.	Increase learning/ study time by 4 hours per day in all the constituency secondary schools.	Installation of electricity.
Renovation of 350 primary schools county wide	To improve the conditions of the existing primary schools	Renovate 10 primary schools in every ward	Renovation
Leveling playing grounds of primary schools county wide	To enhance talent identification and development in schools	Level 10 primary schools playing grounds in every ward	Ground leveling
Upgrading of secondary schools countywide	To enhance quality of education in secondary schools	Upgrade 2 secondary schools in every ward	Constructions Renovations Procurement of learning materials
Establishment of new secondary schools countywide	To increase access to secondary education in the county	Establish 2 new secondary schools in every ward	Construction of classrooms Procurement of learning materials Staffing
Construction and equipping of laboratories in secondary schools county wide	To improve the performance of secondary schools in science subjects	Construct and equip 5 laboratories in secondary schools in every ward	Laboratory construction Procurement of lab equipment
Construction/renovation of toilets in secondary schools	To improve hygiene in secondary schools county	Construct/renovation 10 toilets in secondary	Construction Renovations

countywide	wide	schools in every ward	
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III. Proposed New Projects

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Develop and implement a communication strategy for all Projects (county wide)	1	Establishment of a communication strategy	Strategy Established	Data collection, strategy formulation
School electrification/ lighting project. (County wide)	1	That all schools in Murang'a County have electricity	Schools with electric lighting	Electrical Installation
Create libraries and provide learning resources/materials.(For class 7 and 8) – (county wide)	1	Established and equipped libraries with the necessary resources/materials Use of E-books	Equipped libraries	Construction and stocking or upgrading of existing libraries 1 per ward
Improve and fund teacher advisory centers. (County wide)	1	Improved motivation of teachers	Motivated teachers	Equipping, staffing and upgrading construction 1 per ward
Develop and implement mentorship programme for schools (county wide)	1	Mentoring for each pupil in public schools	Skilled and motivated pupils	Mentoring
Motivational programme for pupils and teachers (County wide)	1	Recognition and awarding of good performance for the teachers and students	Motivated teachers and pupils	Prize giving, Commendation
<ul style="list-style-type: none"> • Introduce extended study hours for exam students • Standardize county exams. • Implement intervention measures. • Staff rationalization programme (county wide) 	2	Efficiency and professionalism of the teaching staff. Improved performance in exams	Improved secondary-university transition rates	Supervision
Create incentives for Investors for Investment into private schools (county wide)	2	Investor's funding in learning institutions and improving the education standards of the pupils.	Improved school infrastructure	Construction and equipping
Bursaries and scholarship Programmes (county wide)	2	Higher access to education and increased completion rates	Improved school attendance	Bursary management
Establish ICT facilities – computer labs	2	Students to be ICT conversant	ICT skills in students	Center construction, equipping and staffing. 1 per ward

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Establishment of youth polytechnics county wide	1	To enhance youth skills in order to improve their economic conditions	Establish 2 youth polytechnic in every ward	Construction Procurement of equipment and facilities
Establish / renovate 70 adult learning centers county wide	1	To increase access to adult education in the county	Established/renovated 2 adult learning centers in every ward county wide	Construction Procurement of equipment renovation
Renovation of existing polytechnics county wide	1	To improve the conditions of polytechnics in the county	Renovate 1 polytechnic in every ward	Renovations Procurement of equipment
Develop and implement performance management systems for teachers. (County Wide)	2	Monitoring and evaluation of the teacher against the overall performance of their students	Result oriented services	Performance management Funding quality assurance programmes in the education department. Mainstream quality assurance, standards and TAC Officers.
Equip Polytechnics Rehabilitation of Disabled Centre (County wide)	2	Better service to the disabled	Equipped polytechnics	Equip and rehabilitate polytechnics with boarding facilities.
All special needs children (County wide)	2	Improved service to the children with special needs	Care and Training	Construct and equip institutions for special needs children with boarding facilities.
Empowerment programme both for teachers and stakeholders (County wide)	2	Improve capacity of teachers and stakeholders	Teachers empowered	Capacity Building
Provide incentive schemes to attract and retain teachers (County wide)	2	Improve teacher morale and capacity.	Enhanced service delivery	Incentive schemes guided by a county policy.
Develop teaching and learning strategies that enhance student innovation (County wide)	2	Improve skill and creativity	Increased skills for socio-economic development	Construct a talent centre.

ECD Department

Vision

To be the leading county in provision of ECD services for children in the country

Mission

To provide, promote and coordinate an environment for children to acquire knowledge, skills, and attitudes holistically in a friendly environment to pursue education for a productive and fulfilling life

I. Ongoing Projects

Project Name Location	Objective	Targets	Description of Activities
Construction of 2 toilets(1 for girls and 1 for boys) and urinal per centre in 350 ECD centres	To provide a clean and hygienic ECD centres	2 toilets and a urinal in 10 ECD centres in all the 35 wards in the county i.e. 350 toilets	Construction of toilets
Reduction of aperture of 2 toilets and construction of a urinal in 280 ECD centres	To provide a clean and hygienic ECD centres	Reduced apertures of two toilets per centre in 8 schools per ward i.e. 280 ECD centres	Construction of toilets
Provision of 600 hand washing water points	To provide a clean and hygienic ECD centres	600 water points for ECD centres	Procure and install hand washing basins
Provision of water harvesting facilities and 1,000 litres storage tanks in 350 ECD centres in the county	To provide a clean and hygienic ECD centres	320 centres with water harvesting facilities and 1000 litre storage tanks	Purchase and installation of water tanks
Repair , paint and provide security of 350 existing ECD Centres classrooms	To repair available classes that are in a state of disrepair	8 repaired classrooms per ward	Repair and painting of classrooms
Provision of age appropriate furniture in 105 ECD centres	To provide age appropriate furniture	4 wood tables and 30 wood chairs for 6 schools per ward. (105 ECD centres)	Purchase of furniture
Fencing. Chain link fencing with wooden poles on 280 centres	To provide security/safety at the centres	280 fenced ECD centres	Procure fencing materials
Provision of outside play equipment for 490 centres	Provide outside play equipment i) Swing ii) See saw iii) Slide iv) Climbers v) Merry go rounds	Play equipment in 490 centres (14 centres per ward)	Purchase of equipment
Repair of existing play equipment	Provide outside play equipment i) Swing ii) See saw iii) Slide iv) Climbers v) Merry go rounds	Repaired play equipment in 105 centres (3 centres per ward)	Repair of equipments
Mattresses and Mackintoshes	To provide mattresses for	630 ECD centres with	Procure and issue

for afternoon nap in 630 ECD centres	afternoon nap for ECD pupils	covered mattresses	mattresses and Mackintoshes
Employment of ECD teachers	To maintain qualified and satisfied ECD staff and to provide professional development.	-1300 Competitively remunerated ECD teachers (2 teachers per Centre) with an annual increment of Kshs 600 for diploma and Kshs 400 for certificate	Recruit teachers
Human resource development	To maintain qualified and satisfied ECD teachers and to provide professional development for them.	Refresher courses for ECD teachers	Sponsor staff for refresher courses
Professional staff training and development courses for ECD officers	To increase the efficiency and effectiveness of the human resourcefunction.	Officers with certificates of courses e.g. Senior Management Course ,strategic leadership at Government school	Train officer on promotion courses
Offices and office equipment	Refurbishment of offices and provision of furniture and equipment	16 tables 8 office chairs 8 computers 8 printers 8 file cabinets	Refurbishment of offices
Feeding programs for marginalized communities	To enhance retention and promote school health and nutrition.	Fed pupils in 20 schools @ sub county Kitchen staff	Initiate school feeding programme
Supervision and quality standards assessment	To enhance a robust ECD centres' assessment and effective quality Assurance programme	Assessment reports	Supervision
Advocacy meetings with teachers parents and other stakeholders	To enhance community mobilization and build their capacity for effective participation	Signed attendance lists	Training stakeholders on the importance of education
Construction of boarding facility for marginalized pupils	To provide end services to marginalized communities	A boarding ECD centre facility	Construction works
Purchase of 2 motor vehicles and 8 motor cycles	To enhance a robust ECD centres' assessment and effective quality Assurance programme	2 motor vehicles(1 for Murang'a North region and the other for South Region) 8 motor vehicles (1 in each sub county)	Purchase of vehicles
Installation of T.V set and computers in all ECD Centres	To entertain and make learning enjoyable for children	KICD ECD programmed software T.V sets.	Purchase of TVs and computers

Adult Education

I. Planned/ Ongoing Projects

Project Name Location	Objective	Targets	Description of Activities
Upgrading of 3 ABE centres in 35 wards	To have a conducive learning environment for ABE learners in all wards.	3 ABE centres upgraded in all the 35 wards totalling 105 ABE centres.	Construction
Construct two CLRC centre in the county.	2 CLRC's completed in the county	2 CLRCs completed and stocked with learning materials	Construction
Procure 2 computers per ABE centre in the county	Provide 502 computers to 251 centres	502 computers procured in ABE centres	Procurement of computers
Recruitment of Teachers	Recruit 3 teachers per ward in all 35 wards	105 teachers recruited in the 35 wards	Recruitment of teachers
Creation of Awareness	Hold 2 meetings per ward in all the 35 wards.	70 meeting held in all the 35 wards.	Sensitize people on adult classes
Procurement of writing/teaching materials	Procure writing materials for 4,000 learners in the county.	Exercise books, pencils, pens, chalk and flip charts	Provision of wring and teaching materials

Department of Youth Training

Vision: To be a leading and dynamic training provider in technical, vocational, entrepreneurial and life skills to the Youth in the county.

Mission: To empower the youth with appropriate and adequate skills, knowledge and attitudes to realize full potential for individual and national development

i. Sub-Sector Projects

Sub-sector Objective1: Improve the quality of training programmes			
Projects Location	Objective	Targets	Description of Activites
Construction of workshops	Construct at least one workshop in each of the 58 YPS including a story room	Completion certificates	Prearing Quality Survey Construction Work
Construction of Centers of excellence	Establish two model YP in each of the eight sub counties	Completion certificates	Identification of the Centers Face lifting of Centers
Employment of Instructors	Employ at least 150 qualified instructors	Staff returns	Advertisiment Recruitment

Sub-sector Objective2: To develop skills and talents in Youths for self employment			
Projects Location	Objective	Targets	Description of Activites
Equip Youth Polytechnichs	Equip 58 YPS with tools and equipments by 2019	YPS inventories	Procurement of tools and equipment
Establishment of special needs Youth Polytechnichs	Establish one YP to train trainees with special needs in each sub county	Completion certificate	Provision of YP with specialized tools and equipments
Establish Partnerships including PPPs.	Establish partnerships with the County Government, Industry and other stakeholders	Annual reports	Contract documents to be provided
Co- Curricular Activities	Organize Co-curricular activities for youth polytechnics trainees	Annual reports	Football Athletics
Establish at least two new YPs in each sub-county	To increase literacy levels amongs the youth in the County	Registration Certificate	Strategic location of the YP's Construction work

ii. New Projects

The following are the other Projects/ Programmes in the sub- sector

Project Name/ Location	Priority Ranking	Objectives	Targets	Description Of Activities
Revitalization of youth polytechnics in the county.	1	To equip the youth with relevant knowledge skills and attitudes to participate fully in building a better Kenya.	Renovate /refurbish 8 youth polytechnics.	Popularize the Youth Polytechnics (YPs) through community capacity building and mobilization as alternative centres of learning; Refurbish and upgrade infrastructure in Youth Polytechnics in the county.
Equip and Deploy Staff to Youth Polytechnics; County wide.	2	Increase access to quality vocational training.	Equip 58 polytechnics; Increase staff levels to 100 %.	Provide tools; Deploy instructors; Liaise with stakeholders.
Construction of a Workshop at 58 Youth Polytechnic	3	Provide quality training; Increase access.	Build 1 (one) workshop.	Tendering ; Monitoring of construction.
Dissemination of national youth policy; County wide.	5	To ensure youth participation in the development of the country.	To reach 10,000 youths.	Community capacity building Youth forums; Provincial administration Barazas
Youth leadership and entrepreneurship training; County wide.	4	To empower the youth with appropriate and adequate skills, knowledge and attitudes for individual and national development.	1,000 youth groups.	Youth forums; Financial intermediaries to train youths before funding.
Youth Enterprise Development Fund (YEDF); County wide.	6	Ensure efficient and productive use of funds allocated to youth groups.	439 youth groups in county reached.	Appraising; disbursement; monitoring and collection of YEDF loans.
Youth Empowerment Centres; County wide.	7	Empower youth through the acquisition of skills; Provision of information and access to recreational facilities.	Construct 7 YEC in the county (1 per constituency).	Construction and equipping of YEC. Identification
Construction of a youth polytechnic in Katipanga	2	Empower youth through the acquisition of skills;	Construct one youth polytechnic	Construction and equipping of youth polytechnic.

Project Name/ Location	Priority Ranking	Objectives	Targets	Description Of Activities
Sub location				
Establishment of vocational training centre at Gikono market Kimorori Wempa ward.	1	Empower youth through the acquisition of skills;	Construction of one vocational centre	Construction and equipping one vocational centre.
Voluntary community service	1	Empower youth through acquisition of skills	Increase in the no of youth with skills	Mobilization of youth

Strategies to mainstream cross-cutting issues

The sector will work with other sectors to improve the lives of people affected and infected with the HIV/AIDS virus. The sector will focus on increasing the accessibility to VCT services and PMTCT and continue working with those that have tested positive to ensure they are provided with nutritional supplements and drugs. The infected and affected together with other community members will be trained so as to adequately provide home based care services.

On mainstreaming of gender issues, the sector will ensure that women and youth occupy a third of the leadership positions of various community based management committees in the county. Support for the boy child education will also be encouraged because it has been realised that the boy child is becoming vulnerable as many parents seem not to care much about him.

The sector will also incorporate environmental management issues to ensure that the environment is protected and conserved at all times. This will be done through regulations that protect water catchments areas from encroachment. Tree planting in schools, market centres and villages will be intensified so as to increase the forest cover in the county.

The revival of vocational training centres/and polytechnics is expected to absorb the youth who drop out of school for various reasons where they will acquire ICT skills to make them more productive. The youth sub sector will sensitize young people on good citizenry and on issues of drug and substance abuse. This will ensure insecurity incidences are minimized in the county.

The sector will involve all county residents in development projects and programmes aimed at alleviating poverty. This will be done through group trainings on income generating activities.

Examination and Evaluation Sub Sector

Vision

To be the leading county in Kenya Certification of Primary Examination performance in the country

Mission

To objectively evaluate learning achievements in primary school students at all levels so as to prepare them for National examinations.

I. Planned/Ongoing Projects

Sub-sector Objective1:			
Project Name Location	Objective	Targets	Description of Activities
Developing tests	To develop and administer county examinations on termly basis for pupils of class one to eight	<ul style="list-style-type: none">• Opener exam classes 6,7 and 8• Mid term exam classes 1 to 8• End term exam classes 1 to 8	Preparation of exam papers
Printing, packing and distribution of the examination	To ensure the tests are relevant, reliable and of acceptable standard aimed at improving standards of education	<ul style="list-style-type: none">• Opener exam classes 6,7 and 8• Mid term exam classes 1 to 8• End term exam classes 1 to 8• Good prints• Feed backs	Printing and packaging

Sub-sector Objective2:			
Project Name Location	Objective	Targets	Description of Activities
Administration of the examination	To enhance and strengthen team work among stake holders and education service providers for ownership of examination programs	<ul style="list-style-type: none">• Analysis booklets available to the• county offices• TSC & Education County Directors offices• sub county offices• zonal offices• head teachers	Exam administration
Analysis of the examination results			
Motivating schools, teachers and pupils	To increase access and equity in education evaluation program among all pupils in the county	Awards to best performing schools, best improved schools, teachers and pupils	Provision of incentives to both teachers pupils and students
Drawing strategic interventions for improved performance Mobilization of revision materials	To improve capacity of Education Managers and teachers in evaluation skills.	Visits to schools by the <ul style="list-style-type: none">• Mentors• County education officers• Relevant stake holders	
ICT component for examination bank	For quality assessment and evaluation and access to varieties of questions	Examination database program	

7.5.6 Strategies to Mainstream Cross-cutting Issues

The sector will target the secondary school age population in passing HIV/AIDS behaviour change communication. This age is vulnerable and specific measures will be introduced such as youth friendly VCT. Introduction of abstinence clubs in secondary schools is another measure that will be used to mainstream HIV/AIDS in this sector.

Tree planting in schools has been on-going as a measure of increasing the forest cover in the county. Environmental conservation will be taught in schools through environment clubs formed in these institutions to teach children the need to conserve the environment. Support for the girl child education is bearing fruit and this can be seen from the retention rate and enrolment rate for primary and secondary schools.

The revival of vocational training centres is expected to absorb the youths who drop out of school for various reasons where they are trained on technical courses. These centre and both primary and secondary schools will be equipped with computers and connected with internet to enhance information and communication technology.

Education empowers society to overcome social economic challenges through adoption of modern technology and new systems of agricultural production and inventions in business. This will assist in alleviating poverty and management of disasters such as drought and famine.

7.6 Public Administration and International Relations Sector (PAIR)

The sector is represented in the county by planning, finance and public service subsectors.

7.6.1 Sector Vision and Mission

Vision

To be an effective and efficient facilitator in resource mobilization, policy formulation and implementation

Mission

To provide overall leadership and policy direction in human and financial resource mobilization, management and accountability for quality public service delivery

7.6.2 County Response to the Sector Vision and Mission

In response to the sector vision and mission, the county has been formulating policies, coordinating and supervising prudent use of human, financial and material resources. This is done through funding, monitoring and evaluation, recruitment and development of staff and coordination of development programmes and projects. The county also ensures prudent resource utilization through audit inspections.

Implementation of the CIDP will require adequate financial and human resources. Towards this end, all the sectors should factor in their human resource and financial requirements for them to achieve the sub-sector goals and objectives. The optimal staffing levels and capacity building requirements should be adequately captured in this CIDP.

7.6.3 Role of stakeholders

The following are the roles of stakeholders in the PAIR sector

Stakeholder	Role
Planning Department	Policy dissemination; budgeting; Development planning; coordination; monitoring and evaluation of development programmes and projects
Finance Department	Custodian of Government funds and assets ; Control of government expenditure; collection of Revenues ; accountability of public funds and Public Private Partnership
Human resource department	Development of organizational structure; HR management; training and development; Workload analysis; management of terminal benefits; Human resource information systems; medical benefits; employee welfare;

	Disciplinary Control; Payroll management; Performance management; dispute resolution.
Procurement	Procurement of goods and services Disposal of obsolete items
Public Service Board	Establishment and abolition of offices, disciplinary control; promotion of values and principles outlined in article 10 and 232 of the Constitution of Kenya 2010 ; HR management and development Performance management; HR planning and budgeting in accordance with section 56 of the County Government Act, 2012; auditing of delegated powers
County Assembly	Legislation, providing oversight of County Government activities, Approval of county budgets and policies, vetting of County State Officers, receiving of reports from the executive; linkage between the county government and the public
Administration Department	Coordination of all the Ministries operations in the county headquarters and sub-counties, Communication of cabinet decisions, management of transport and registries, provision of office space, support and furniture;; enforcement and management of security of county property.
Constitutional Commissions	Regulatory and setting policy guidelines
National Government	Setting policy guidelines
Training Institutions	Training and capacity building
Intra/Intercounty forums	Consultations and harmonization of policy implementation; promotion of common interest
Public	Pool of manpower, payment of taxes, public participation,

7.6.4 Sector resources, constraints, achievements and strategies

Sub-sector	Priorities	Constraints	Strategies
Planning	<p>Construction , Equipping and renovation of Sub- County development planning Units</p> <p>Preparation of County integrated development plans</p> <p>Community empowerment on development projects/programmes identification and implementation</p> <p>Monitoring and evaluation of projects/Programmes</p> <p>Preparation of County Budget</p> <p>County data collection and development of county data bank.</p>	<p>-High cost of communication equipment,</p> <p>-High operation costs,</p> <p>-Inadequate office space;</p> <p>-Inadequate funding;</p> <p>-Inadequate ICT equipment,</p> <p>-Inadequate staff;</p> <p>-Inadequate transport</p> <p>-Insufficient funding coupled with delayed funding.</p>	<p>-Increase use of internet services in the county</p> <p>-Sufficient and timely funding</p> <p>-Proper dissemination of information at all levels,</p> <p>-Regular update of information in the centre;</p> <p>-Complete construction and equipping of sub county Planning Units;</p> <p>-Collection of information for preparation of CIDPs;</p> <p>Resource mobilization;</p> <p>.</p>
Finance	<p>Financing the Construction and equipping of Sub- County Offices (Mathioya, Kiharu Kahuro and Gatanga).</p> <p>Financing the Renovation and rehabilitation of sub county offices(kigumo Kangema and</p>	<p>Inadequate transport</p> <p>Inadequate office space.</p> <p>Manual accounting system</p> <p>Inefficiency in revenue collection.</p> <p>Unharmonised fees and charges .</p> <p>Inhabitable market</p>	<p>Provide funding for:</p> <p>Automation of accounting systems</p> <p>Construction of offices.</p> <p>Procurement of motor vehicle for each sub county</p> <p>Harmonization of fees and charges amongst the sub counties.</p>

	Kandara)	places	Rehabilitation of markets.
Human resource	Development of a county organizational structure	Lack of clear ly defined structures.	Development of a county organizational structure; Establishment and abolition of offices; Recruitment , selection and placement
	Undertake workload analysis to determine the optimal staffing levels	Staffing needs for devolved units not determined; lack of optimal staffing levels, over establishment, wrongful deployment	Staff audit; Staff rationalization
	Development of a performance management system	lack of harmonized performance evaluation standards	Development of performance contracting system Perfomance Appraisal systems
	Development and formulation of HR policies	staff in the county government coming from different organizations and hence lack of harmonized policies	Redeployment, recruitment selection and placement
	Human Resource Development	lack of appropriate skills, competencies and skills mix necessary for service delivery	undertake a training needs analysis (TNA); Train and capacity build according to the TNA
	Establishment of a HR Information System	Manual HR records, not easy to retrieve required information hence delay in decision making.	Establishment of a HR Information System; automation of records
	Promotion of values and principles of public service as per article 10 and 232 of the constitution	Change brought by new Constitutional order; PLWDs not fully represented in the public service; gender	Sensitization of the staff and public on Values and principles; mapping of PLWDs; conduct a base line survey to establish

		imbalance	compliance; Establishment of ombudsman office and any other relevant office
	harmonization of employee terminal benefits	staff currently serving in different pension schemes, lack of harmonized pension schemes	Establishment of a harmonized pension scheme
	Harmonization of terms and conditions of service	staff in the county having varied terms and conditions of service	Harmonization of terms and conditions of service
	Development of schemes of Service	Lack of career progression guidelines, poor career growth, stagnation of staff	Development of schemes of Service
	Promotion of professional ethics	Unethical practices	Sensitization, Payment of annual subscriptions to professional bodies Setting up of ethics and anti-corruption units
	Mount a clocking system	Poor time management	installation of a clocking system
	HR planning and PE budgeting;	poor succession planning Skewed age distribution;	Undertake HR planning and budgeting
	carry out customer satisfaction survey and Employee satisfaction survey	Poor service delivery, Low morale of employees	implement the survey recommendations
	Guidance and counseling	Indiscipline, drug and substance abuse	,

		Preparation for retirement HIV/AIDS	Establish counseling office HIV/AIDS policy Guidance and counseling policy
	Research and Development	Emerging issues Dynamic technological changes	Establish research and development office Benchmarking Exchange program
Administration	acquisition of additional office space	inadequate office space	construction/Leasing of offices
	Installing of security monitoring system	Insecurity and Misuse of resources;	Installation of security monitoring system;; Construction of perimeter walls Development of disaster/risk management policy Conduct baseline survey on risk management Training on disaster/risk management
	procurement of office furniture/equipment and vehicles	Inadequate furniture; inadequate transport	procurement of office furniture/ equipment and vehicles

	identification, valuation and securing of county public land;	rampant land grabbing; enchroachment	identification and documentation of all county public land and assets v securing of county public land and assets monitoring of all county public land and assets
	parking bays in county offices	inadequate parking bays	construction of parking bays in county offices

Projects/ Programmes

Planning

On-going Projects/Programmes:

The following are the on-going Projects/ Programmes in the planning sub- sector.

Sub-sector Objective1: To develop a County Monitoring and Evaluation Framework			
Projects	Specific objective	Targets	Activities
Establishment of M&E framework	To ensure efficacy in resource utilization.	M&E system in place	Constitute County and Sub-county M&E committees. Develop of M&E tools and indicators.
		4No. meetings	Hold quarterly M&E meetings.
		Number of field visits	Field M& E project visits.
		1 CAMER report produced	Produce County Annual Monitoring and Evaluation Report (CAMER)

Construction of a county Information and documentation center (CIDC).	To construct 1 (CIDC) for development information access and dissemination.	1 fully equipped CIDC in place.	Construct and equipping of CIDC.
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Sub-sector Objective2: To Plan and Coordinate Development activities in the County			
Projects	Specific objective	Targets	Activities
County and sub-county development committees.	To establish a county development committee.	1 legal framework on development coordination and reporting in place.	Policy formulation on development coordination, report submission and structures.
	Establish eight sub-county development committees	4- Quarterly meetings .	Hold quarterly county meetings.
		48 meetings	Hold 6 meetings in every sub-county.
Data collection	To collect data for development planning.	2 No. of field visits. 2 No. of reports written.	-2 Field visits on data collection yearly. -Report writing and dissemination of findings. -Post Evaluation. -Prefeasibility studies.
Mid-Term Review of County Integrated Development Plan (2013-2017)	To assess the implementation progress of the CIDP (2013-2017)	1 No. Mid-term report on reviewed CIDP	Hold stakeholders forum
County Integrated Development Plan (2018-2022)	-To produce a county integrated development plan that will form the focus of development for the county.	-1 five year Development plan for the county.	-Consultation forum at ward level to collect views and priorities for development. -Sector planning meetings. -Validation fora at sub-county level. -Plan preparation, publication and dissemination.
Equipping of the SCDPU; Gatanga, Kandara , Kangema and Muranga south	To improve information, education and	4 SCDPU equipped.	Equipping of the SCDPU.

sub county planning offices	communication(IEC)		
Construction and equipping of SCDU; Mathioya	To improve information, education and communication(IEC)	1 SCDU constructed and equipped	Construction and equipping of the unit
Community Empowerment Programme; Countywide.	Empower the community members on identification and implementation of development programmes/ Projects.	80 stakeholders meetings to empower the community	Trainings of community members.

Sub-sector Objective 3: To prepare County Budget

Projects	Specific objective	Targets	Activities
County Budget Preparation.	To ensure an all sector inclusive budget. To involve the public in the budgeting process	Frequent of consultative meetings held.	-Consultation at ward level to collect views and priorities for development.
		MTEF sector meetings held.	-MTEF Sector meetings.
		1 No. Public validation of the budget done.	Validation fora at sub-county level.
		Budget statement prepared. Approval of budget by County Assembly	-Budget preparation and approval.

New Projects Proposals

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
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Logistical support sub county headquarters (County wide)	2	Effective, Monitoring and Evaluation.	Purchase of 8 4WD vehicle by 2017	Purchase of a 4WD vehicle For M & E
Capacity building (County Wide)	1	Improve the communities' involved in participatory planning	Community participatory forums	Training in participatory planning
Monitoring and evaluation of projects (County wide)	1	To track the implementation of the CIDP	Produce and disseminate quarterly and annual monitoring and evaluation reports	Field visits and report writing
Review of the CIDP (County wide)	1	To continuously review the CIDP to align with the existing laws and regulations	Review CIDP annually Disseminate the CIDP	Participatory review of CIDP
Production of status report on MDG's in the county (County wide)	1	To produce status report on MDG's in the County	Produce and disseminate report on MDG's bi annually	Report on MDG status
Budget Preparation Process (County wide)	1	To ensure participatory budget preparation process	Annual budget preparation	Budget review report
County Statistics (County wide)	2	To ensure reliable and accurate statistical information	Continuous updating of county statistics	Surveys, field visits and report writing
Project mapping and database (County wide)	2	To ensure upto date database on GIS and mapping of projects and programmes	Map all projects and maintain database	Field vists and mapping of all projects in GIS
Construction and equipping of 2 Sub-county Development		To Construct Sub-county planning units (SCDPUs) at Kahuro	2 SCDPUs constructed and fully equipped.	Construct and Equip 2 SCDPUs

planning units.		and Kigumo		
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Finance Sub Sector

On going Projects

OnGoing Projects Include:

Projects	Objectives	Targets	Activities
Integrated financial management systems;	To improve efficiency in the service delivery and financial reporting	Systems in place and working	Hardware and software installation E-revenue collection E-financial statement reporting E-asset data base Training
Improvement of finance physical infrastructure	To improve operation efficiency	Facilities in place	Construction/Renovation of offices Purchase of vehicles Purchase and insallation of office furnitures and equipments

New Projects Proposals

The proposed new projects include:

Project Name	Priority Ranking	Objectives	Targets	Description of Activities
Automation of revenue collection (County Wide)	2	Efficiency revenue collection	Computerize all revenue and expenditure processes	Software installation and training
Logistical support sub county headquarters (County Wide)	1	Ensure effective Monitoring and Evaluation.	Purchase of 10 4WD vehicles by 2017	Purchase of a10 4WD vehicles For revenue collection

				supervisors
Construction of sub county administration and finance offices (Mathioya, kahuro, kiharu and gatanga)	1	Effective operation of the financial management	Construction of offices in the sub county within 2 years	Construction of offices

Human Resource and Administration Sub Sector

Ongoing Projects

Sub Sector objective: To develop and implement systems that facilitate effectiveness, efficiency and provision of conducive work environment for realization of Murang'a County goals.

Projects	Specific objective	Targets	Activities
Development of HR policy guidelines	To provide guidelines in management of Human Resources	-HR manual in place HR guideline and procedures	-Drafting of policy and guidelines -Stakeholder involvement, - approval, dissemination - implementation, Monitoring &Evaluation
Training and capacity building	To equip staff with relevant skills and competencies	Well trained workforce	-Training Need Analysis -Training workplan -Induction & Sensitization - mount training programmes according to TNA
Improvement of County Registry/Record management system	To facilitate faster decision making, improve access, retrieval and reuse of information	Well established records Management Information system	-Identification of office space, -procurement of equipment, - -development of uniform index and coding system, -scanning/automation of documents,

			-operationalization
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New Projects Proposals

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Develop Organizational Structures (Countywide)	1	To improve coordination of government functions and reporting lines; To enhance clear communication channels	Appropriate county organizational structure in place	Identification of functions of the various ministries Identification of relationship between different functions Determine the offices for various functions Develop an appropriate organogram, Recruitment and selection
Undertake a work load analysis(Countywide)	1	To determine optimal staffing levels;	Report on workload analysis in place	Staff audit; Staff rationalization, Redeployment
Recruitment and selection (Countywide)	1	To match the suitable persons to their appropriate job	Suitable no. of employees recruited	Advertise Shortlist Interview Identify Placement

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Develop a performance appraisal system; Development of performance contracting instrument(Countywide)	1	Linkage of individual performance to the county goals	Performance management system in place	Development of performance appraisal tools Sensitization on PAS Implement PAS M & E of PAS Installation of a clocking system Develop/implementati on of Performance contract
Review of HR policies (Countywide)	2	To provide guideline in management of human resource	Reviewed HR policies	Carry out a survey; Benchmarking -policy development Implementation monitoring and evaluation
Training and capacity building(Countywide)	1	To equip the employees with relevant skills and competencies	All county employees trained	Undertake a training needs analysis (TNA) Training and capacity building according to the TNA

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Establishment of a HR Information System; automation of records(Countywide)	1	Effective and efficient decision making	HRIS in place	Baseline survey on existing records Identification of suitable HRIS Procurement of HRIS, scanning of records, installation, pilot testing and operationalization
Promotion of values and principles(Countywide)	1	Adherence to constitutional requirements as stipulated in article 10and 232 of the constitution	Inclusiveness, professionalism, transparency and equity in service delivery	Sensitization of the public on Values and principles; mapping of PLWDs; conduct a base line survey to establish compliance; Gender and PLWDs mainstreaming
Establishment of a harmonized pension scheme(Countywide)	1	Secure terminal benefits for staff and state officers	Prompt disbursement of terminal benefits	Identification of terminal benefits service provider, Sensitization of beneficiaries, Timely remittance of terminal benefits

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Harmonization terms and conditions of service(Countywide)	1	Equity in management of staff	Standard terms and conditions of service in place	Identify the existing terms and conditions, analyse establish disparities benchmark on the best practices Implement the recommendations
Development of schemes of Service(Countywide)	1	Provide clear career progression guidelines	Schemes of service in place for all cadres	Develop job descriptions and specifications, Draft the schemes of service Engage the stakeholders in the approval implementation, monitoring and review
Promotion of professional ethics(Countywide)	1	Improved service delivery	Professionalism in service delivery	Setting up of ethics and anti-corruption unit,
Civic education on values and principles(Countywide)	1	Meeting the constitutional provisions	Improved public participation	Sensitization, public forums, stakeholder involvement

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Undertake HR planning(Countywide)	1	Establish the current and the future staff requirements, Determine the course of action needed to bridge the gap	HR plans in place	Situational analysis, Analysis of existing labour force, Projection of future requirements, Development of HR plans Implementation of HR plan
Undertake HR budgeting(Countywide)	1	HR funding	PE budget in place	Preparation of PE budget
Carry out surveys on; - customer satisfaction -Work environment , - Employee satisfaction (Countywide)	1	Measure the levels of satisfaction,to gauge effectiveness of county public service	Motivated employees ,conducive work environment and satisfied customers	Development and implementation of service charters, Carry out Baseline surveys, implementation of the recommedations, carry out Customer/ employee satisfaction survey
Guidance and counseling unit, HIV and AIDs control unit(Countywide)	1	Stress management, pre- retirement guidance, care and support for HIV/AIDS victims, combating stigma	Stress free work force and retirees	Develop structure of guidance and counseling unit Recruit staff to champion the programmes,

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Establishment of employee welfare/recognition programme(Countywide)	1	Motivating employees, providing support to employees,	Motivated county employees	Establishment of medical schemes, benevolent fund, subscription for club membership, end of year parties, recognition schemes
Construction, Renovation and expansion of offices(Countywide)	1	Bring services closer to the people	Adequate offices for devolved units	Land identification, budgeting procurement, Allocate offices
Installation of security monitoring system(Countywide)	1	Security of county government assets and resources	Secure environment	Procurement of security systems, implementation and monitoring
Coordination fora	1	To coordinate Sub-County activities To enhance inter governmental relations at the County level	Coordinated Sub-County programmes	convening stakeholders meetings
procurement of office furniture/ equipment and vehicles(Countywide)	1	Improvement of working conditions	Adequate logistical support	Identify the need, budget, procure and allocate

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
construction of perimeter wall; (Countywide)	1	Security of county government assets	Safeguard assets from loss, misuse or encroachment	procurement Erection of signboards to identify assets
valuation and securing of county public land(Countywide)	1	Identification and save guarding of county public land and assets	Safeguard government land from loss, encroachment, improved accountability	Identification through search, valuation, opening and maintaining of a county public land register Fencing
Construction of parking bays in county offices(Countywide)	1	Provision of parking space for employees in the county government	motivated employees	Identification of parking sites; procurement construction,
Operationalizations of county land board	1	To control development To regulate land transactions	Planned development	convene monthly meetings communicate recommendations of the board
Operationalizations of liquor licencing board		To regulate liquor licensing	Regulated liquor trade	convene meetings communicate recommendations

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Establish a fund to support disaster preparedness (Countywide)	1	To ensure that the county is always prepared for all disasters	County response to disaster	Allocation of fund to support the following disasters: Road Natural Calamities Mudslide Flooding Fire Out break Disease Outbreak Road accident Riot

Strategies to Mainstream Cross-Cutting Issues

The sector will mainstream cross-cutting issues while implementing activities. HIV and AIDS will be mainstreamed during formulation and implementation of projects and programmes for this sector. The sector will be involved in designing policies and programmes to overcome unemployment, poverty, and ensure gender balance in all activities undertaken in the county.

In coordinating county development the sector will ensure environmental conservation and gender issues are integrated. It will also embrace ICT in tracking results through monitoring and evaluation and financial management.

7.7 Governance, Justice, Law and Order Sector (GJLOS)

The sector is represented in the county by the following sub sectors; County Internal and co-ordination of National Government, internal security, home affairs, independent electoral and boundaries commission, judiciary, County co-ordination and Enforcement.

7.7.1 Sector Vision and Mission

Vision

A secure, just, cohesive, democratic, accountable, transparent and conducive environment for a globally competitive and prosperous Kenya

Mission

To ensure effective and accountable leadership, promote a just, democratic and environment and establish strong governance institutions to empower citizens for the achievement of socio-economic and political development.

7.7.2 County Response to the Sector Vision and Mission

In response to the sector vision and mission, the county has set up various institutions aimed at achieving the goals of the sector. Such institutions include the anti-corruption committees that have been devolved to the constituency level, and the community policing initiative that aims at involvement of the community in creating a secure environment. The county is also striving to improve delivery of legal services and reduce inequalities in administration of justice. Efforts have been made in restoring public faith and credibility towards public service through provision of transformative leadership and upholding of the rule of law.

7.7.3 Role of stakeholders

The following are the roles of stakeholders in the GJLOS sector

Stakeholders	Roles
Departments of Judiciary, Probation and Provincial Administration, Immigration, IEBC, National Police Service	<p>To give policy guidelines for the sector;</p> <p>To provide leadership, and implement government policies;</p> <p>Maintain law and order and ensure administration of justice;</p> <p>Registration of births, deaths and issuance of identification documents;</p> <p>Review of electoral boundaries, conduction of elections and referendum voter registration and voter education;</p> <p>Provide enabling environment for investment.</p>

Stakeholders	Roles
Civil Society Organizations	Advocacy and civic education.
LSK	Regulate members' professional ethics.
Community	Participate in creation of a secure environment; maintaining respect to rights of the citizen; community policing.
Private Sector	Provide services e.g. legal services, partnership with the government in key programmes.
Rehabilitation of offenders in the county	

Sector resources, constraints, achievements and strategies

Sub-sector	Priorities	Constraints	Strategies
National coordination National Police, County Co-ordination Judiciary, IEBC, Probation, Civil registration, Reg of persons, Immigration, County enforcement	Making provision of line services easier for the recipients and the receivers, enhanced justice, law and order, creating a cohesive society with	Inadequate space in the sub-county /HQ headquarters; Dilapidated AP officers' residential houses; Inadequate housing for officers; Inadequate capacity (transport and other gadgets); Lack of disclosure of information by the public. Poor keeping of records; Unreported deaths and deaths. Fuel and maintenance Lack of uniforms and utilities	complete the ongoing constructions; Renovate the dilapidated AP houses; Construct residential houses for police officers in phases; Intensify community policing and awareness creation. involved in the exercise; Awareness creation among community members. Enhancement of nyumba 10 initiative Improve the road network Acquisition Design and provision of uniforms Sensitisation of public on security

		Inaccessible roads Poor Network Alcohol and drug abuse Inadequate funding	Registration and securing land titles Establishment of rehabilitation centers Design & provision of uniform Adequate provision of fuel in the budget
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7.7.4 Projects/ Programmes

The county has no flagship project but has 11 other projects in the governance, justice, law and order sector. There are no stalled projects in this sector. This sector has 10 new projects but no outstanding projects/ programmes.

Interior and Coordination of National Government

New Projects/Programmes Proposals

The following are Projects/ Programmes in the Interior and Coordination and internal security sub-sector.

Project Name Location	Priority Ranking	Objectives	Target	Description of Activities
Upgrading of Police Housing Units; (County wide)	1	To Improve living conditions of Police; To boost the morale of the officers.	Renovate and construct 70 % of A.P houses.	Renovation and construction of AP houses.
Construction of modern Police divisional Head quarter (County wide)	1	To improve the working environment	8 No. modern Police divisional Head Quarters constructed	Construction
Construction of Deputy County Commissioner's office; Kandara	1	To improve the office space and working environment	1 No. Deputy County Commissioner office constructed	Construction

Project Name Location	Priority Ranking	Objectives	Target	Description of Activities
Refurbishment and Renovation Of Chiefs Offices; (County wide)	1	To Ensure every chief has an office; Improve government service delivery.	20 No. offices to be refurbished.	Renovating and refurbishing Chiefs offices.
Refurbishment and Renovation Of Assistant Chiefs Offices; (County wide)	1	To Ensure every Assiatant chiefs has an office; Improve government service delivery.	35 No. offices to be refurbished.	Renovating and refurbishing Assistant Chiefs offices.
Construction and equipping of AP Posts (County wide)	1	Improve security.	35 No. AP posts to be constructed.	Construction of A.P posts.
Construction and equipping of Police Posts (County wide)	1	Improve security.	35 No. Police posts to be constructed.	Construction of Police posts.
Construction and equipping of Assistant Commissioners offices in theCounty	1	To provide adequate office accommodation.	15 No. offices constructed and equipped.	Construction and equipping .
Construction and Equiping of Chiefs and Assistant Chief Offices	1	To provide adequate office accommodation.	15 No. offices constructed and equipped	Construction and equipping
Provision of reliable transport to improve mobility for increased patrols, modern communication gadgets/equipment.	1	Enhance responsiveness to issues	35 No. Security vehicles 70 No. Motorbikes	Purchase of vehicles and Security Gadgets Training

Muranga County Assembly

New Projects Proposals

Project Name	Priority Ranking	Objective	Target	Description of activities
Construction of office block	1	Create office space for officers and MCA members -Improve working environment	office blocks constructed	Construction and Equipping of the offices -Commissioning
Construction, refurbishment and equipping of the county assembly chambers	1	Provide inhouse space to the County Assembly Members	Modern Equipments	- Construction and Equipping of the offices - Commissioning
Construction of perimeter fence	1	To enhance security	Perimeter Fencing	Construction of the fence
Construction of parking yard and landscaping	1	Provide proper and secure car park	Ample Parking	Construction of parking yard - Landscaping of the compound
Purchase of vehicles	2	Easy mobility	2 No. vehicles	Purchase of vehicles
Sinking and development of borehole	1	Adequate water supply	1 borehole	Tendering Contracting
Construction of modern toilet	1	Provide sanitary facility	Modern toilet facility	Planning Contracting M&E
Recreational facility	1	To provide a good working environment	1 Recreational facility	Planning Contracting

				M&E
Hansard equipment	1	To improve information back up and retrieval	1 Hansard Equipment	Planning Procurement Contracting
Generator	1	To improve power back up.	1 Generator procured	Planning Procurement Contracting
Security System	1	To improve on security surveillance	Improved security surveillance	Planning Procurement Contracting
Computer and IT System	1	To improve on work environment	Improved work environment.	Planning Procurement Contracting

Civil Registration sub-sector

The following are Projects/ Programmes in the civil registrationsub- sector

Project Name Location	Priority Ranking	Objectives	Targets	Description of Activities
Construction and equipping of Sub Counties offices; Kandara Gatanga Kigumo Kahuro and Mathioya	1	To Ensure every Sub county has an operation office Improve government service delivery.	5 offices constructed and equipped	Construction and equipping
Awareness creation; County wide.	1	Educate public on the need for registration.	80 % of the county population.	Carry out awareness campaigns on importance of civil registration through: Barazas; churches using; church leaders NGOs and CBOs; Constitute civil registration ; Monitoring committees at village level.

Probation services sub-sector

The following are the Projects/ Programmes in the probation services sub- sector

Project Name & Location	Priority Ranking	Objectives	Target	Description of Activities
Crime prevention; (County wide).	1	To identify crime risk factors.	To reduce crime prevalence by 10 %.	Discussing with stakeholders modern social methods of crime prevention.
Purchase of vehicles	1	To enhance supervision non custodial sentences	3 No.	Purchase of vehicle
Construction and equipping of Kandara Sub-County Probation office:	1	To improve working environment	1 Kandara Sub-County probation office constructed	Construction Equipping
Resettlement and Reintegration of Offenders; County wide.	1	To ensure that the offenders settle and live in harmony with their communities.	To achieve 100 % rehabilitation of all offenders on supervision.	Collaborate with agencies and partners; Hold consultative meeting; Implement rehabilitation plans.
Rehabilitation of Offenders; County wide.	1	To help offenders reform and become law abiding citizens.	To achieve 100 % reformation of all offenders.	Offering guidance and counseling; Referral and networking; Implementing rehabilitation plans.
Rehabilitation of Alcohol and drug addicts	1	To minimize alcohol and substance abuse in the county	100 % reformation of addicts	Offering guidance and counseling; Referral and

				networking; Implementing rehabilitation plans.
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Strategies to Mainstream Cross-Cutting Issues

The sector plays a key role in advocating for HIV/AIDs, environment and disaster management, addressing gender and youth issues through coordination and provision of leadership and guidance. This is done through sensitization and awareness creation programmes carried out by specific institutions.

The sector is best placed in mainstreaming the entire cross cutting issues due its strategic roles in co-ordination and provision of leadership so as to spur economic development in the county and at the grassroots level. As the government is adopting ICT in service delivery, all sub-sectors in this sector will be required to comply for better and efficient service delivery to their clients.

7.8 Social Protection, Culture and Recreation Sector (SPCR)

The sector is represented in the county by the following sub sectors; gender, children and social development, Culture and youth affairs and sports.

7.8.1 Sector Vision and Mission

Vision

Sustainable and equitable socio-cultural and economic empowerment of all Kenyans

Mission

To formulate, mainstream and implement responsive policies through coordinated strategies for sustained and balanced socio-cultural and economic development of the County and empowerment of vulnerable and marginalised groups and areas.

7.8.2 County Response to the Sector Vision and Mission

In response to sector vision and mission, the county provides a platform for mobilizing local communities for self-reliance in basic needs and involvement in development planning process. This has been done through supporting youth and women enterprises, improving sporting facilities, cash transfer programmes for orphans and aged and disability support programmes. The county has been protecting cultural sites such as Mukurwe wa Nyagathanga in Kiharu and has been identifying cultural heritage sites with a view of promoting tourism.

7.8.3 Role of stakeholders

The following are the roles of stakeholders in the SPCR sector.

Stakeholder	Role
Department of Social Development, Youth, Sports, Gender and Children	To provide policy guidelines and regulation in the sector; To facilitate capacity building and training and financial support; Risk mitigation; Registration of CBOs, youth groups, women groups and people with disabilities; Disbursement of social protection funds; Protection of children rights.
Community	Participate in development activities as well as helping the vulnerable groups.

NGOs, CBOs, FBOs	Supplement government efforts in capacity building and training as well as financial support to children, disabled and elderly.
Private Sector	Support community initiatives; Social support to children, disabled and elderly

7.8.4 Sector Resources, Constraints, Achievements and Strategies

Sub-sector	Priorities	Constraints	Strategies
Special Programmes, Youth, Sports, Gender and Children, Social Services.	<p>Women Enterprise Development Fund (WEDF); Youth Enterprise Development Fund (YEDF);</p> <p>Cash transfer for the aged and persons with disabilities; Youth Empowerment Centres;</p>	<p>Low level of community participation and contributions;</p> <p>Poor attendance of meeting and trainings; Dependency syndrome;</p> <p>Lack of inertia among some communities members.</p> <p>Leadership wrangles among some community leaders; Low Adoption and replication of introduced technologies;</p> <p>Group conflict as a result of poor leadership and mismanagement of funds.</p> <p>Inadequate trained counselors to provide counseling services; Inadequate resources to reach clients requiring counselling services</p> <p>credit facilities;</p> <p>Inadequate entrepreneurship skills; Lack of markets for value added products; Low customer purchasing power.</p> <p>Poor entrepreneurship skills among the youth;</p> <p>Leadership wrangles among youth groups;</p> <p>Poor participation of the youth in community development activities</p> <p>High unemployment levels.</p>	<p>Train community leaders on Participatory approach;</p> <p>Encouraging project planning through participatory approaches</p> <p>Training of group & project leaders</p> <p>on relevant skills;</p> <p>Training of trainers</p> <p>Trainings of groups and provision of grants to initiate IGAs; Establishment of revolving loan Schemes, table & village banking.</p> <p>Initiative & regular register self help</p> <p>Projects & groups.</p> <p>Train the physically handicapped</p> <p>Persons.</p> <p>groups and individuals to develop their entrepreneurship skills;</p> <p>Raining of youth leaders on management.</p>

7.8.5 Projects/ Programmes

The county has five flagship projects and 13 other projects in the social protection, culture and recreation sector. There are no stalled or new projects in this sector but there is one outstanding project.

Gender and Social Services sub-sector

New Projects

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
Community Mobilization and Development; County wide.	2	To mobilize and sensitize community in order to participate actively in all project activities; Identify their needs, identify locally available resources and take charge of their development process.	150 groups in each constituency.	community mobilization; Capacity building of community leaders participatory project Planning.
Community Capacity Support Programme (C.C.S.P); County wide.	1	To enhance the capacity of community members to initiate, plan, and implement and monitor activities, which promotes their own livelihood	200 groups per constituency	Capacity building; orphans intervention; Community initiative fund; Supervision and follow up.
Groups Promotion and Development; County wide.	1	To promote, register and build the capacity of community groups in order to accelerate their participation in project activities	2,000 groups in the County	groups registration; capacity building; Supervision and follow up conflict resolution & management Grants to Self Help Groups.
Community Micro-Hydro Project; Ndiara Hydro in Gatanga	2	Provide cheap power; Initiate small community projects;	1 micro hydro power plant	Construction of Small power generation plant

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
Kiawambogo Kangema Mugumoini Wards		Create income generating activities;		
Growing of Amaranth; Kiharu and Kangema sub-counties.	2	Improve nutrition; Income generation.	10 Farmers	Value addition.
Upper Tana Natural Resource Development Programme	1	Poverty reduction among communities living in the tana river basin	400 groups to access the fund	Formation of focal development area committee Rural appraisal Training of groups M&E
Equip and refurbish Muriranja's vocational rehabilitation center to adequately cater for training needs to persons with disabilities	1	To enhance capabilities of persons with disabilities for self reliance	Graduate 150 persons with disabilities with required skills for self reliance	Identify equipment for procurement Seek quotations Seek funding
Murarandia children's home, community health centre and school.	1	Promotion of health and education to the vulnerable and HIV and AIDS orphans.	400 vulnerable children with relevant skills for self reliance	Construct and equip a children's home, health center and a school.
Establishment of social halls for youth and people with disabilities. Kamacharia Ward.	2	Empowering youths and people with disabilities in sports	5000 youths and vulnerables	Construction and equipping three social halls
Upgrading of Thuita school for disabled to a boarding	1	To ease transport for the disabled children to and from	100 vulnerable	Construction and equipping to a

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
facility in Kamacharia Ward		school	children	boarding status.
Equiping kamacharia social hall with library facilities and facelift.	2	To uplift education standards in the ward.	1000 school going children	Equiping social hall with library materials
Establishment of social halls in Kiruri, Karurumo and Githiga in Kanyenya-ini ward and Githima in Kigumo ward and Gathaithi in Murarandia ward.	2	Community empowerment	Community access to information	Construction and equiping
Establishment of a children's home in Karung'e in Gitugi ward, Kigumo in Kigumo ward and Rwathia shopping centre in Rwathia ward.	1	Promotion of health and education to the vulnerable children	100 vulnerable children being taken care of.	Construction and equiping of a childrens home
Rehabilitation and upgrading of Municipal social hall ro a capacity of 2000 people.	1	Community empowerment	Increase in number of people accessing	Construction and equiping

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
			information.	
Renovation and upgrading of kiharu county club to a capacity of 2000 people	1	Community empowerment and recreation	Increase in number of people accessing information	Construction and equipping
Renovate of mukuyu social hall in township ward.	2	Community empowerment and recreation	Increase in number of people accessing information	Construction and equipping
Establishment of social halls at Nginda, Ihumbu, Gathera, Itaga Kaharo, Irembu in Nginda ward, kihoya in Rwathia ward and in Kongo-ini in Township ward.	2	Community empowerment	Community access to information	Construction and equipping
Establishment of community library in Kigumo town at Kigumo ward and Kahatia town in Murarandia ward and Kianjuru ini in Ichagaki ward.	2	Enhanced access to information to the community.	Increase in number of community members accessing information	Construction and equipping community library.
Establishment of cultural hall	3	Promotion of tourism and		Construction and

Project Name & Location	Priority Ranking	Objectives	Targets	Description of Activities
at Tuthu in Rwathia ward.		culture		equipping

(iii) Flagship Projects

The matrix below shows the flagship projects in the SPCR sector and their implementation status

Project Name & Location	Objectives	Targets	Description of Activities
Women Enterprise Development Fund (WEDF); County wide.	Institutionalise and increase overall efficiency and amounts of WEDF.	867 women groups in county reached.	Appraising; disbursement; monitoring and collection of WEDF loans.
Cash transfer for the aged; County wide.	Minimise vulnerability through prohibition of retrogressive practices; Initiation of funds for aged.	To reach 1750 elderly people in the county.	Identification; vetting and allocation of funds to the aged.
Cash transfer programme to persons with Disabilities; County wide.	Minimise vulnerability through prohibition of retrogressive practices; Initiation of funds for persons with disabilities.	To reach 490 persons with disability in the county.	Identification; vetting and allocation of funds to the persons with disabilities.
Cash transfer for orphans and vulnerable children (CT-OVC)	To minimize vulnerability Strengthen household economic capacity Ensure retention of orphans in schools	Reach 62000 annually	Identification Vetting and allocation of funds

(v) Out Standing Projects/Programmes

Project Name	Location	Objectives	Targets	Description of Activities
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Mukurwe wa Nyagathanga cultural centre	Gaturi-Kiharu constituency	Promotion and preservation of the Agikuyu culture	Construction of 1 learning centre.	Preservation of artefacts; Construction of traditional learning centre and museum.
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Culture

The following are the other Projects/ Programmes in sportssub- sector

New Projects

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Upgrade and rehabilitate Mukurwe wa Nyagathanga and other heritage sites; and host first annual pilgrimage, cultural night, county prayer day (County wide)	2	Rehabilitated Center Hosting the first annual pilgrimage and cultural night	Tourist class sites Successful hosting of days	Design and construction works Logistic preparations
Identification, Registration and documentation of cultural groups (County wide)	5	Cultural awareness	All cultural groups registered	Sensitization and registration
Mapping of Cultural Sites	1	Conservation of Kikuyu cultural sites	Identify all cultural sites in the county.	To identify: Sacred sites Intiation Sites Ancestral Graves Battle Grounds and Others

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Change Ownership i.e grave sites	4	Conservation of Kikuyu cultural sites	Preservation of the cultural sites	To preserve graves of: Wangu wa Makeri (Koimbi) Karuri wa Gakure (Tuthu) Gen. Kago (Kangema) Gen.Ihura (Rwathia ward)
Revitalization of the Kikuyu homestead i.e (Mukurwe wa Nyagathanga)	5	Conservation of Kikuyu cultural sites	Development of cultural sites	To construct traditional huts for Kikuyu and Mumbi Change outlook of the nine daughter's huts to have tradition face Reconstruction of ancestral graves Construction of monuments of Legends

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Development of Literature	3	Conservation of Kikuyu cultural sites	Promotion of Cultural Sites	Research from relevant sources i.e; National Archives National Museums of Kenya Members of community Disseminate Information Marketing for Tourism purposes Make the site attractive and hospitable
Disseminate information on the traditional foods	6	To promote indigenous Health and Nutrition	Create awareness or sensitize community on the importance of traditional foods	To conduct Workshops Seminars Hold exhibitions and demonstrations Monitoring and evaluation
Disseminate information on medicinal herbs and herbal medicine	8	To promote indigenous Health and Nutrition	Create awareness on medicinal herbs and herbal medicine	To conduct Workshops Hold exhibitions Talkshows in churches and barazas Organize free treatment sessions

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Acquire/procure relevant literature Capacity building workshops	7	To promote traditional and contemporary arts i.e. performing arts, visual arts, oral literature indigenous languages.	To promote authentic and contemporary arts. To organize workshops To organize and hold cultural exhibitions	Research from relevant sources i.e; National Archives National Museum of Kenya Community National Library Training artists for the purposes of disseminating information. Hold community cultural festivals; Music Festival Drama Festival Language Clinics Visual Arts Exhibitions
Constuction of cultural centers	9	Estalish community cultural centers	Planning and designing Identify the components Construction of the facilities	To construct; Multipurpose halls Art gallery and curio shops. To establish botanical gardens Joint herbal clinic Cultural library

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Rehabilitation of cultural sites ie Kahumbu hill in Kahumbu ward	4	Environment conservation ,promotion of tourism and promotion of kikuyu culture	Environment conserved and tourism promoted.	Construction of a kikuyu homestead and reservation of the sacred area.
Upgrading of Gachibi cultural site in Kamacharia ward	3	Promotion of culture	Promotion of tourism and youth empowerment	Construction of fish ponds,halls,swimming pool and wedding gardens.
Rehabilitation of Maumau caves along river Gondo in Mihuti Gitugi ward	1	Promotion of tourism	Rehabilitation of the site	Rehabilitation of the caves and access road to the site
Establishment of cultural/tourism sites in Tuthu and Wanjerere	2	Promotion and tourism		Locating and rehabilitation

Department of sports

Vision - To promote all types of sports

Mission – Develop sports for healthy living and economic development.

The following are the other Projects/ Programmes in sportssub- sector

On going projects

Project Name Location	Objective	Targets	Description Of Activities
Sports training County wide	To improve on the sporting activities in the county	1. 75 football referees 2. 50 athletic judges trained	Holding seminars and coaching courses
Rehabilitation and maintainance of 4 sports grounds per ward	To improve stadia conditions in the county	Improved excellence in sports activities	Avail quality stadia
County soccer tournament	1.Engage youth in positive activities 2. Create an opportunity of gaining experience in professional soccer.	Completion of the soccer tournament	Organize and run the tournament in a professional manner.
Identification, registration and documentation of all sports clubs	Harmonized sports activities	All existing sports clubs	Put up a data base on sports clubs
County marathon	Expose athletes to marathon running	Successful hosting of marathon	1.Logistic preparation 2.Standard Marathon course

Establish a talent center in collaboration with Murang'a University	Identify nurture talent with intention of empowering the youth	Identification and nurturing of talent	Scouting, mentoring and coaching
Annual sports day	Increased participation in various sports disciplines	Successful hosting of sports day	Logistical preparation
8 children recreational centers (merry-go-round)	Have a recreational center where children will play	Completion of recreation center	Construction work
Provide sports equipment	To promote various sports disciplines	Equip 210 sports clubs	Procure assorted sports equipment
Provide sports equipment to the following clubs -kaharo, Gakoigo, Gathera and Nyagachugu, Itaaga, Irembu and Ihiga-ini sports clubs in Nginda ward.	To promote various sports disciplines	Equip 7 sports clubs	Procure assorted sports equipment
Kangema community stadium	To build the stadium to the required standards	Construct the stadium	1. Leveling excavation to accommodate a standard track. 2. construction of the main duos Fencing Development of athletic track
Secondary 8 Primary school sports tournament	Engage the youth in sporting activities	Completion of the tournament	Organizing and hosting the tournament
Develop an intervention paper that addresses vulnerable groups (disabled, orphans elderly) and Child protection issues	A detailed paper on addressing the vulnerable group	Paper development	Data collection, SWOT, analysis, writing, publishing adoption

Organise sport tournament for people with disabilities (County wide)	Promote talent among the people with disabilities	Number of participants	Organising the tournament Hosting Purchase of rewards
Establishment of a special talent college (Kariara and Kahumbu wards) Athletics, Musicians etc	Identify nurture talent	Identification and nurturing of talent	Scouting, mentoring and coaching

New Projects

The proposed new projects on sports include:

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Purchase two sports buses (County wide)	1	Procurement of two sports buses	Improved mobility	Purchase of buses
Construction and equipping of indoor games facility Kahumbu Ward	5	To promote sporting activities	Construct and equip 2 indoor games facilities	Construction of indoor games facility.
Establishment of a recreational ground at Kenol town	1	To provide a recreational and leisure for the community.	Established recreational park.	Construction of toilets, landscaping and tree planting
Establishment of recreational centre in Gitugi ward	1	To provide a recreational and leisure facility for the community.	Established recreational park.	Construction of a recreational centre.

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
Upgrade of Gakoigo Sports Stadium (County wide)	1	Improved excellence in sports	Avail a quality stadium	Grading and Construction works
Darts tournament (County wide)	1	Participation in darts	Participation and winning tournaments	Logistics and Management
General Kago stadium (Kangema)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Rurii Stadium (Mathioya)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Mumbi Grounds (Muranga East)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Ihura Stadium (Muranga East)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Giachuki Grounds (Gatanga)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading

Project Name Location	Priority ranking	Objectives	Targets	Description of activities
A new field to identified at Kigumo	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Gakoigo Show Ground (Maragua)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Gen Matanjawo Stadium (Kandara)	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Kenol/ kimorori grounds	1	Promotion of Sports and talent development in Murang'a County	1	Upgrading
Volley Ball Tournament	1	Engage Youth in positive activities		County Volley ball games which will be categories in; groups, quarter finals, semi finals and finals
Recording Studio	1	To promote performing arts	Artists to show case their talents	Identify artists and record their works

Department of Youth Training

Vision: To be a leading and dynamic training provider in technical, vocational, entrepreneurial and life skills to the Youth in the county.

Mission: To empower the youth with appropriate and adequate skills, knowledge and attitudes to realize full potential for individual and national development

Sub-Sector Projects

Sub-sector Objective1: Improve the quality of training programmes			
Projects Location	Objective	Targets	Description of Activities
Infrastructure	Construct at least one workshop in each of the 58 YPS including a story room	Completion certificates	Preparing Quality Survey Construction Work
Centers of excellence	Establish two model YP in each of the eight sub counties	Completion certificates	Identification of the Centers Face lifting of Centers
Instructors	Employ at least 150 qualified instructors	Staff returns	Advertisement Recruitment
Office maintenance	Facilitate the field officers to be able to supervise the implementation of the projects	Annual reports	Attending BOG meetings

Sub-sector Objective2: To develop skills and talents in Youths for self employment			
Projects Location	Objective	Targets	Description of Activities
Tools and equipments	Equip 58 YPS with tools and equipments by 2019	YPS inventories	Procurement of tools and equipment

Special needs YP	Establish one YP to train trainees with special needs in each sub county	Completion certificate	Provision of YP with specialized tools and equipments
New courses	Start new, advanced and relevant courses in YPs	Graduation certificates	Procuring necessary tools and equipment
Partnerships	Establish partnerships with the County Government, Industry and other stakeholders	Annual reports	Contract documents to be provided
Co- Curricular Activities	Organize Co-curricular activities for youth polytechnics trainees	Annual reports	Football Athletics
Seminar and Workshop	Organize seminar and workshop for instructors	Annual Reports	Identify Trainees Invite participants
Establish at least two new YPs in each sub-county	To increase literacy levels amongs the youth in the County	Registration Certificate	Strategic location of the YP's Construction work

New Projects

The following are the other Projects/ Programmes in the sub- sector

Project Name/ Location	Priority Ranking	Objectives	Targets	Description Of Activities
Revitalization of youth polytechnics in the county.	1	To equip the youth with relevant knowledge skills and attitudes to participate fully in building a better Kenya.	Renovate /refurbish 8 youth polytechnics.	Popularize the Youth Polytechnics (YPs) through community capacity building and mobilization as alternative centres of learning; Refurbish and upgrade infrastructure in

Project Name/ Location	Priority Ranking	Objectives	Targets	Description Of Activities
				Youth Polytechnics in the county.
Equip and Deploy Staff to Youth Polytechnics; County wide.	2	Increase access to quality vocational training.	Equip 58 polytechnics; Increase staff levels to 100 %.	Provide tools; Deploy instructors; Liaise with stakeholders.
Construction of a Workshop at 58 Youth Polytechnic	3	Provide quality training; Increase access.	Build 1 (one) workshop.	Tendering ; Monitoring of construction.
Dissemination of national youth policy; County wide.	5	To ensure youth participation in the development of the country.	To reach 10,000 youths.	Community capacity building Youth forums; Provincial administration Barazas
Youth leadership and entrepreneurship training; County wide.	4	To empower the youth with appropriate and adequate skills, knowledge and attitudes for individual and national development.	1,000 youth groups.	Youth forums; Financial intermediaries to train youths before funding.
Youth Enterprise Development Fund (YEDF); County wide.	6	Ensure efficient and productive use of funds allocated to youth groups.	439 youth groups in county reached.	Appraising; disbursement; monitoring and collection of YEDF loans.
Youth Empowerment Centres; County wide.	7	Empower youth through the acquisition of skills; Provision of information and access to recreational facilities.	Construct 7 YEC in the county (1 per constituency).	Construction and equipping of YEC. Identification

Project Name/ Location	Priority Ranking	Objectives	Targets	Description Of Activities
Construction of a youth polytechnic in Katipanga Sub location	2	Empower youth through the acquisition of skills;	Construct one youth polytechnic	Construction and equipping of youth polytechnic.
Establishment of vocational training centre at Gikono market Kimorori Wempa ward.	1	Empower youth through the acquisition of skills;	Construction of one vocational centre	Construction and equipping one vocational centre.
Voluntary community service	1	Empower youth through acquisition of skills	Increase in the no of youth with skills	Mobilization of youth

Strategies to mainstream cross-cutting issues

The sector will work with other sectors to improve the lives of people affected and infected with the HIV/AIDS virus. The sector will focus on increasing the accessibility to VCT services and PMTCT and continue working with those that have tested positive to ensure they are provided with nutritional supplements and drugs. The infected and affected together with other community members will be trained so as to adequately provide home based care services.

On mainstreaming of gender issues, the sector will ensure that women and youth occupy a third of the leadership positions of various community based management committees in the county. Support for the boy child education will also be encouraged because it has been realised that the boy child is becoming vulnerable as many parents seem not to care much about him.

The sector will also incorporate environmental management issues to ensure that the environment is protected and conserved at all times. This will be done through regulations that protect water catchments areas from encroachment. Tree planting in schools, market centres and villages will be intensified so as to increase the forest cover in the county.

The revival of vocational training centres/and polytechnics is expected to absorb the youth who drop out of school for various reasons where they will acquire ICT skills to make them more productive.

The youth sub sector will sensitize young people on good citizenry and on issues of drug and substance abuse. This will ensure insecurity incidences are minimized in the county.

The sector will involve all county residents in development projects and programmes aimed at alleviating poverty. This will be done through group trainings on income generating activities.

7.9 Water and Housing Sector

The sector is represented in the county by the following sub sectors water and housing.

7.9.1 Sector Vision and Mission

Vision

Sustainable access to adequate water and housing in a clean and secure environment

Mission

To promote, conserve and protect the environment and improve access to water and housing for sustainable national development.

7.9.2 County response to sector vision and mission

In response to sector vision and mission, the county has enhanced coordination between the public and private sectors in implementation of projects. This is geared towards providing adequate and safe water to all residents and to conserve the environment. Local communities have been incorporated in such projects to ensure their sustainability.

The county has also put more emphasis on self-help micro and small irrigation units. This has been achieved through mobilization of resources from government and private sector to supplement the community's effort.

Through programs such as *Kazi kwa Vijana*-Trees for Jobs programme, the county has been investing in environmental restoration where the private sector has also been encouraged to contribute.

7.9.3 Role of stakeholders

The following are the roles of stakeholders in the sector.

Stakeholders	Role
Government (Departments of water housing)	Provision of policy guidelines and dissemination; Provision of extension and advisory services to stakeholders; Provide funds for certain projects and programmes.
Kenya Wildlife Service	Regulation of wildlife service subsector; Protection of wildlife; Maintain roads with their area of jurisdiction.
Kenya Forest Service	Regulate and protect the forests; Provide training to farmers; Raising of seedlings and distribution to farmers in addition to planting of trees; Maintain roads with their area of jurisdiction.
National Environment Management Authority.	Enforcement of environmental laws and regulations

Stakeholders	Role
WARMA	Regulate use of water resources
KEFRI	Conduct research and disseminate finding to other stakeholders
Water Service Providers	Providing clean drinking water to the population; Maintenance of water supplies system.
Farmers	Participate and get involve in conservation of environment and water.
NGOs, CBOs, FBOs	Capacity building of farmers in project planning and management and technical training; Assist in provision of tree seedlings to farmers; Assist in environmental conservation.
Financial institutions/ Private sector	Provision of mortgages for development of housing units; Provide finances for development of houses.
Department of Housing	Housing policy formulation, appropriate and low cost housing technologies promotion, management of, maintenance, rehabilitation and renovation of government houses
Department of Public Works	Facilitate provision, maintenance, rehabilitation, renovation and modernization of quality county public buildings.
Infrastructure Sector	Construction and maintenance of roads, provision of water & sewerage services, as well as marketing infrastructure.
Kenya Power	Distribution of electricity to domestic and commercial users
Private Sector	Provide labour, employment, support, and training opportunities.
Development Partners	Provide logistical support, funding and partnership.

7.9.4 Sector Resources, Constraints, Achievements and Strategies

Sub-sector	Priorities	Constraints	Strategies
<ul style="list-style-type: none"> Environment and Mineral Resources, Water and Irrigation, and Housing 	<ul style="list-style-type: none"> Clean and healthy environment, Maintain Forest Cover, Adequate portable and irrigation water, Adequate Housing 	<ul style="list-style-type: none"> Low appreciation of the role of NEMA by the public and lead agencies; Inadequate inter-sectoral mechanism for environmental coordination; Inadequate staff where two officers cover the whole county and its sub counties; Conflict on natural resource use; Weak enforcement system. 	<ul style="list-style-type: none"> Conduct EIA and EA on all development projects; Promote effective and efficient management and use of cleaner production technologies; Set up national and regional information and documentation centres; Enhance liaison with other sectors; Initiate procedures for the prevention of accidents which may cause environmental degradation

		<ul style="list-style-type: none"> Limited resources and labour; Illegal exploitation of forests. 	and evolve remedial measures where accidents occur.
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7.9.5 Projects/ Programmes

The county has one flagship project and 15 other projects in the environment protection, water and housing sector. This sector does not have any outstanding projects/ programmes but there are 11 new projects.

Flagship Projects

The matrix below shows the flagship projects in the EPWH sector and their implementation status.

Project Name & Location	Objectives	Targets	Description of Activities
Water catchment management initiative in Kimakia (County wide);	Rehabilitating Aberdares water tower.	40 Ha.	Planting of trees; Maintenance of the forest cover.
Securing government houses and open fields (County wide);.	Security of government houses, stop illegal/un-procedural allocation of government land and houses	All government houses within the county	Boundary determination, beacon establishment and Fencing
Renovation and modernization of existing stock of government houses within the entire county;	Provision of decent housing to civil Servants, state corporation staff and disciplined Forces	All government houses within the county	All renovation and upgrading works including painting, re-roofing, fittings and fixture works
Cleaning up, harmonization and updating of the government houses inventory within the entire county	Developing a comprehensive and up to date housing inventory for the county	All government houses within the county	Harmonization of the existing housing inventories

On-going Projects/Programmes

The following are the other programmes/ projects in the water and irrigation sub-sector.

Project Name & Location	Objectives	Targets	Description of Activities
Gatanga Water Supply; Gatanga Constituency.	Improve water supply to households.	70 % of households.	Laying of pipes for the main distribution line.
Gatango Rural Water Project; Mathioya Constituency	Ensure availability and access to clean and safe domestic water.	Increase area served by current water supply by 40 %.	Complete laying of parallel main & rehabilitation of the distribution lines.
Gathunya – Thuita water Project; Mathioya Constituency.	Ensure availability and access to clean and safe domestic water.	Increase area served by current water supply by 60 %.	Purchase & Complete the laying out of water pipes.
Kiru – Kagumoini Water Project; Mathioya Constituency.	Ensure availability and access to clean and safe domestic water.	Increase area served by current water supply by 20 %.	Purchase of water pipes.
Gondo Water Project Mathioya Constituency.	Ensure availability and access to clean and safe domestic water.	Increase area served by current water supply by 20 %.	Purchase of water pipes.
Kahuti Rural Water Project; Kiharu and Kangema constituencies	Ensure availability and access to clean and safe domestic water.	Increase area served by current water supply by 30 %.	Rehabilitation.
Wangai Borehole; Kandara constituency	To provide safe and affordable domestic water supply.	Construction of one steel tank of 40m ³ .	Laying of pipes within Ng'araria and environ; Construction of communal water points.
Kandara water supply	To provide safe, sufficient and dependable water supply; To supply safe drinking water to every home in the lower Kandara district within the plan period.	Lay a 26Km length of 315mm diameter pipeline; Construct 1 water treatment plant.	Laying of pipes; Construct a Treatment works; Rehabilitation of dilapidated pipe system in lower Kandara division; Ruchu, Ithiru and Muruka locations; The proposed pipeline will be an off take from Wanyaga intake works to Mung'aria masonry ground tank a distance of 26 Km; The masonry ground tank is 450m ³ ; The pipeline will also serve Kaguthi, Mung'aria, Nguthuru and Mackenzie; Augmentation of existing dilapidated.
Maragwa ridge – kambiti Water project;	Provide community with portable water.	200 farmers in Kambiti and Maragwa ridge	Installation of gravity pipeline system targeting

Project Name & Location	Objectives	Targets	Description of Activities
Maragwa constituency.		locations.	200 farmers; Training members on operation and maintenance.
Murang'a bulk water project.	Provide community with safe drinking water.	Kiharu, Maragwa, Kigumo and Kandara Constituencies.	Intake construction; Piping; Storage and distribution of water to the beneficiaries.
Kahuti Water and Sanitation Company Wangu Ward	To provide domestic water unto the entire ward.	80%households are accessing clean water	Intake construction; Piping; Storage and distribution of water to the beneficiaries.
Kanguyo Water Project	To provide safe and affordable domestic water supply.	Households are accessing clean water	Intake construction; Piping; Storage and distribution of water to the beneficiaries.
Kwambari Water Project	To provide safe and affordable domestic water supply.	Households are accessing clean water	Intake construction; Piping; Storage and distribution of water to the beneficiaries.
Wajengi Water Project	To provide safe and affordable domestic water supply.	Households are accessing clean water	Intake construction; Piping; Storage and distribution of water to the beneficiaries.
Gathambara Water Project	To provide safe and affordable domestic water supply.	Households are accessing clean water	Intake construction; Piping; Storage and distribution of water to the beneficiaries.

Project Name and Location	Objectives	Targets	Description of activities
KAWASCO			
Rwathia- Mukangu line (Kangema)	To provide clean drinking water	Rwathia and Mukangu people	Pipe laying and connections
Expansion of Rwathia treatment works (Kahuro)	To provide clean drinking water	200 households	Construction of treatment tanks and fit with filter
Kaganda – Kiria line (Kahuro)	To provide clean drinking water	200 households	Pipe laying and connections
Kaganda-Kahuro line (Kahuro)	To provide clean	180 households	Pipe and connections

Project Name and Location	Objectives	Targets	Description of activities
	drinking water		
Installation of 2000 consumer meters (Kahuro)	To Improve water wastage	2000 no. consumers	Purchase and install meters
Kanyenya-ini –Githiga line (Kahuro)	To provide clean drinking water	120 households	Pipe laying and connections
Mapping and GIS services (Kahuro)	To enhance data collection	Kahuro sub county	Maps GIS software, GPS equipment, no of reports
Gatagwagwo water project (Kahuro)	To provide clean drinking water	62 households	Pipe laying and connections
5no motorbikes (Kahuro)	To improve mobility	5 No motor bikes	Purchase of motor bikes
2no Storage tanks 225m3 (Kahuro)	To boost drinking water storage	2 No water tanks	Construction of tanks
Rehabilitation of existing infrastructure (Kahuro)	To provide clean drinking water	Entire existing pipeline	Pipe laying, connections
Sanitation (Kangema)	To provide clean sanitary facility	Kangema town and its environs	Construction of treatment ponds
Minor service lines (Kahuro)	To provide clean drinking water	households	Pipe laying and connections

Muranga South

Project Name \$ Location	Priority Ranking	Objectives	Targets	Description of activities
Ititu/lkundu; Nginda Location;	1	To provide clean drinking water	200 households	Pipe laying and connections

Project Name \$ Location	Priority Ranking	Objectives	Targets	Description of activities
Maragwa Ridge – Kambiti Water Project;	1	To provide clean drinking water	300 House holds	Pipe laying and connections
Silanga dam in Igikiro	1	To provide clean drinking water	1 No dam	De-silting ,Pipe laying and connections
Nduru dam in Kamahuha	1	To provide clean drinking water	1 No dam	De-silting , Pipe laying and connections
Methi –Swani dam in Wempa	1	To provide clean drinking water	1 no dam	P De-silting , ipe laying and connections
Kaharati dam in Kaharati	1	To provide clean drinking water	1 No dam	De-silting , Pipe laying and connections
Wairuri dam in Maragua	1	To provide clean drinking water	1 No dam	De-silting ,Pipe laying and connections
Kimorori dam one in Kimorori	1	To provide clean drinking water	1 No dam	De-silting,
Kihara spring	1	To provide clean drinking water	30 households	Protection ,Pipe laying and connections
Maji kiboko spring	1	To provide clean	30 households	Protection Pipe laying and

Project Name \$ Location	Priority Ranking	Objectives	Targets	Description of activities
		drinking water		connections
Kirimiri spring	1	To provide clean drinking water	30 households	Protection ,Pipe laying and connections
Gaichanjiru spring	1	To provide clean drinking water	25 households	Protection ,Pipe laying and connections
Kaseve spring	1	To provide clean drinking water	20 households	Protection, Pipe laying and connections
Mazuri spring	1	To provide clean drinking water	15 households	Protection, Pipe laying and connections
Mutithi spring	1	To provide clean drinking water	15 households	Protection, Pipe laying and connections
Karima kogi spring	1	To provide clean drinking water	15 households	Protection, Pipe laying and connections
Kianjugu spring	1	To provide clean drinking water	15 households	Protection, Pipe laying and connections
Rural spring	1	To provide clean drinking	15 households	Protection, Pipe laying and connections

Project Name \$ Location	Priority Ranking	Objectives	Targets	Description of activities
		water		
Wamutemi spring	1	To provide clean drinking water	15 house holds	Protection, pipe laying and connections
Gatanga – Kigoru pipeline	1	To provide clean drinking water	120 Households	Pipe laying and connections
Maragua Sec, Sch – Ikundu	1	To provide clean drinking water	100 Households	Pipe laying and connections
Gathunguri pipeline	1	To provide clean drinking water	100 No households	Pipe laying and connections
Kenol – Murang'a TTC pipeline	1	To provide clean drinking water	500 households	Pipe laying and connections
Kaharati – Iganjo pipeline	1	To provide clean drinking water	100 households	Pipe laying and connections
Mutunguru – Nginda pipeline	1	To provide clean drinking water	90 No households	Pipe laying and connections
Kabati – Wempa pipeline	1	To provide clean drinking water	F50 No households	Pipe laying and connections

Project Name \$ Location	Priority Ranking	Objectives	Targets	Description of activities
Makuyu – Kirimiri pipeline	1	To provide clean drinking water	25 No households	Pipe laying and connections
Gathungururu B/H water project	1	To provide clean drinking water	1 No bore hole	Drilling and Pipe laying and connections
Kamahuha/Nyotoka B/H water project	1	To provide clean drinking water	No of pipes laid, No of connections, No of km laid	Drilling and Pipe laying and connections
Musika Water Project	1	To provide clean drinking water	No of Households connected	Intake Weir and Pipping
Muirungi Borehole Water Project	1	To provide clean drinking water	1 No Bore hole	Drilling and Pipe laying and connections
Kiiri Gakui Karimamwaro Water Project	1	To provide clean drinking water	No of Households connected	Intake Weir and Pipping
Kiha/Nyati B/H water project	1	To provide clean drinking water	1 No Bore hole	Drilling and Pipe laying and connections
Kangangu B/H water project	1	To provide clean drinking water	1 No. bore hole	Drilling and Pipe laying and connections
Nginda – Maragua – Kamuiru W/P	1	To provide clean	200 households	Drilling and Pipe laying and

Project Name \$ Location	Priority Ranking	Objectives	Targets	Description of activities
		drinking water		connections
Gathuri B/H	1	To provide clean drinking water	1 No bore Hole	Drilling and Pipe laying and connections

Water Resources Management Authority WRMA

Installation of 10 RGS stations, and 5 meteorological stations.	1	Strengthen monitoring networks to enhance data collection and improve information management system.	Monitor 23 stations.	Procurement of the equipment and assembling
Enhance institutional capacity	2	Improve the use water resources management tools for effective water resources planning and allocation.	8 WRUAs.	Hold 20 consultative meetings and Public barazas Harmonization of statutes
Identification of hot spots for climate change	3	Strengthen stakeholder collaboration to enhance water storage and adaptation to climate change impacts.	Stakeholders in the water sector	Partnering with stakeholders, WRUAs to identify activities for implementation.
Construction of water harvesting facilities	4	Strengthen stakeholder collaboration to enhance water storage and adaptation to climate change impacts.	Stakeholders in the water sector	Develop Sub catchment Management Plans (SCMPs)
conservation of catchments	5	strengthen enforcement mechanism and collaboration for effective catchment and conservation	County	Ensure Compliance of permit conditions. Partnering with stakeholders Carry out water abstraction & pollution surveys of point and non point source Develop water allocation plans
Training/capacity building	6	building staff capacity and improve work environment		Hold anti –corruption and HIV workshops. Skill development on new and fresher courses.
Construction of water analysis laboratory	7			sourcing for plot and plans, resource mobilization, actual construction

Review and restructure water management systems (County Wide)	2	A streamlined and efficient water management system for drinking and irrigation	Working system for all wards	Review of current system Restructuring of the management structure
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Proposed/New Project –Water Sector.

Project Name & Location	Priority	Objectives	Targets	Description of Activities
Drilling of Boreholes in all the proposed Wards within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Hydrological surveys Drilling. Pumps installation. Electricity supply.
Construction of wells in all the proposed Wards within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Hydrological surveys Excavation. Fencing. Chlorination. Piping.
Rehabilitation of Wells in all the Wards with existing wells within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Deepen the well. Pumps installation. Piping Chlorination
Rehabilitation of Boreholes in all the Wards with existing damaged boreholes within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	General repair. Installation of electricity. Fencing. Renovation/installation of water tanks. Installation of pumps
Rehabilitation/Protection of water springs in all the Wards with the existing ones within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	General Repair Installation of in-take pipes Construction of slabs. Plantation of vegetation's around the springs.
Rehabilitation of dams in all the Wards with dams within the County.	1	Ensure availability and access to clean and safe domestic water.	Increased water access for domestic use.	Distillation Enlarging Chlorination
Construction of water tanks reservoirs in all the proposed Wards within the County	1	Ensure availability and access to clean and safe water.	Improved water storage and supply	Construction. Piping Chlorination
Rehabilitation of water in-takes in all the proposed Wards within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Wall construction. Piping

Establish water in-take points in Wards bordering Rivers within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Piping Water tanks reservoir construction
Construction of water kiosks in all the Wards-County wide.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Piping Water tanks reservoir construction
Supply of electricity /solar panels for boreholes water pumping in all the proposed Wards within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Electricity installation.
Increase piped water supply within all the Wards through water services providers in respective Wards.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Digging trenches. Piping. Water meters' installation.
Repair and replacement of vandalized water pipes in all Wards within the County.	1	Repair and replacement of vandalized water pipes in all Wards within the County.	Increased water access for domestic use.	Repair. Piping.
Completion of uncompleted water projects in all Wards within the County.	1	Ensure availability and access to clean and safe water.	Increased water access for domestic use.	Piping. Pumps installation.

Housing Sub Sector

I. On going Project

Projects Location	Specific Objective	Indicators	Description of Activites
Inventory Management (County wide)			
New housing development projects Major towns: Muranga ,Kangema,Kenol Gatanga, Maragua,Kiria-ini etc	Proper housing for residents at the major towns	Development of new housing projects by 2016	Procurement of contractor Building the houses
Renovation of government houses (County wide)	Proper government houses	Renovation of the houses in 2 years	Identification of government houses to be renovated Renovation of the houses

Sewerage works (Entire county)	Proper sewage system in the county	Proper sewage system in the entire county by 2016	Mapping of the sewerage system Development of a proper system
Security fencing of government houses (County wide)	Ideal security for all the government houses	Security fencing in all the government houses by 2017	Construction of a security fence

II. New Projects - housing

Programme/Project Name	Priority Ranking	Objectives	Targets to be met	Description of Activities
Promotion of appropriate building technology (County wide)	1	Enable adoption of decent, low cost housing	General Public	Training, sensitization and awareness creation on appropriate & alternative building technology
Cleaning up, harmonization and updating of the government houses inventory within the county (County wide)	2	Establish total number of government houses within the county, conditions and ownership details	All houses within the county	Physical visits to determine existence and condition of houses, Merging of existing inventories
Securing government houses and open fields	2	Security of government houses, stop illegal/un-procedural allocation of government land and houses	All houses within the county	Boundary determination, beacon establishment and Fencing
Renovation and modernization of existing stock of government houses within the county (County wide)	1	Provision of decent housing to civil Servants, state corporation staff and disciplined Forces	All houses within the county	All renovation and upgrading works including painting, re-roofing, fittings and fixture works
New housing development projects Major towns: Muranga ,Kangema, Kenol, Gatanga, Maragua, kangare, Kiria-ini	1	Increase the housing stock within the county	Twelve (12) new units annually to achieve sixty (60) units in five (5) years	New development and construction of houses
Development and upgrading housing services (County wide)	2	Functional, healthy, aesthetically pleasant and environmentally friendly housing provision	All government houses connected to sewer line where	Extension and upgrade of the existing sewerage system;

			sewerage is available	Improvement of sewerage connectivity to government houses
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(iii) Flagship Projects

The matrix below shows the flagship projects in the sector and their implementation status.

Project Name & Location	Objectives	Targets	Description of Activities
Water catchment management initiative in Kimakia; Gatanga constituency.	Rehabilitating Aberdares water tower.	40 Ha.	Planting of trees; Maintenance of the forest cover.
Securing government houses and open fields County wide	Security of government houses, stop illegal/un-procedural allocation of government land and houses	All government houses within the county	Boundary determination, beacon establishment and Fencing
Renovation and modernization of existing stock of government houses within the county;	Provision of decent housing to civil Servants, state corporation staff and disciplined Forces	All government houses within the county	All renovation and upgrading works including painting, re-roofing, fittings and fixture works
Cleaning up, harmonization and updating of the government houses inventory within the entire county	Developing a comprehensive and up to date housing inventory for the county	All government houses within the county	Harmonization of the existing housing inventories

CHAPTER EIGHT:

8 Implementation, Monitoring and Evaluation

8.0 Introduction

This chapter focuses on development of a monitoring and evaluation system for specified programmes and projects to be implemented during the plan period. It also specifies objectively verifiable indicators that will be used to monitor project/programme implementation. It also specifies the roles of various stakeholders in the monitoring and evaluation system.

During the plan period, M&E of activities will be a continuous exercise and it is proposed to be done periodically as follows; annual reviews that will be aligned to the National Integrated Monitoring System (NIMES), a mid term review (mid-plan) period and a review after implementation of the current plan period (end term review)

Institutional Framework for monitoring and evaluation in Muranga County

The directorate of monitoring and Evaluation in the ministry of Devolution and Planning has developed a National Integrated Monitoring and Evaluation System which will be used. Under this system, all monitoring systems are incorporated into the national system in that monitoring system at the sub-county will feed into the county level which will in turn feed the national system.

In the county, monitoring will be continuous through the plan period. Evaluation has been planned at two stages; mid term evaluation and end term evaluation. In addition there will be annual reports at the end of each year to assess the progress made in implementing the plan and provide necessary information and feedback.

The County Monitoring and Evaluation Committee (CM & EC) will spearhead M&E at the county level. The committee will be made up of members representing county government agencies, civil society organizations and the private sector. This will require many officers to be trained on a continuous basis on monitoring and evaluation. This will ensure that monitoring and evaluation activities are carried out on a continuous basis.

The committee will coordinate monitoring and evaluation activities for all the sectors and government agencies and through the preparation of the annual monitoring and evaluation reports, provide necessary information and feedback to be captured at the national level. Monitoring and evaluation activities will be decentralised to the sub county level and therefore coordinated by the sub county monitoring and evaluation committee.

Implementation, monitoring and evaluation matrix

The matrix below consists of projects that are on going and proposed for implementation, monitoring indicators, monitoring tools, implementation time frames, implementing agencies and sources of funding and implementation status.

8.1 Agriculture and Rural Development

Crop Production

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Farm input subsidy programme	200M	2013 - 2017	Number of Tons of Fertilizer bought	Procurement documents & List of Beneficiaries	Muranga County Government	Muranga County Government	New
a) Stabilization fund (Food Security)	300M	2013 - 2017	No of farmers loaned/funded	Minutes of Committee, Applications approved	Muranga County Government	Muranga County Government	New
b) Coffee Development fund	500M	2013 - 2017	Projects implemented/No of farmers loaned/funded	Minutes of Committee, Applications approved	Muranga County Government	Muranga County Government	New
c) Nuts Development Fund	400M	2013 - 2017	Projects implemented/No of farmers loaned/funded	Minutes of Committee, Applications approved	Muranga County Government	Muranga County Government	New
d) Tea Development Fund	70M	2013 - 2017	No of programs	Minutes of Committee, Applications approved	Muranga County Government	Muranga County Government	New
Develop county legal and regulatory Framework on coffee, Tea,	7.2M	2013 - 2017	No. of Finalised policy documents and bills	No of Legal frameworks	Muranga County Government	Muranga County Government	ongoing

General horticulture, Avocado, Macadamia.							
Develop a concept paper for public private partnerships	3M	2014-2016	Frame work developed	Document on PPP	Muranga County Government	Muranga County Government	New
Register an Investment Company	1.7M	2013-2017	Company registered and number recruitment	Registration documents	Muranga County Government	Muranga County Government	New
Agricultural shows and Exhibitions	40M	2013-2017	No. of shows and exhibitions held	No held	Muranga County Government	Muranga County Government	Ongoing
Soil analysis and Biotechnology lab.	8M	2013-2016	Laboratory established	No of Facilities	Muranga County Government	Muranga County Government	New
Promotion of new and emerging Crop.	9M	2014-2017	No. of emerging crops promoted. No of beneficiaries participated	training documents and minutes	Muranga County Government	Muranga County Government	New
Integrated horticultural crops under irrigation(The Village Model)	19.6M	2013-2017	No. of horticultural crops integrated. No. of beneficiaries participating	No of schemes launced	Muranga County Government	Muranga County Government	New
Support programme for Thai village model demonstration farm and training centre.	27M	2013-2017	No of demos established No. of farmers trained, TRAC, DFF,	Minutes	Muranga County Government	Muranga County Government	New
Promotion of innovative extension services (Hybrid T&V).	75M	2013-2017	No. of farmers reached	Training documents	Muranga County Government	Muranga County Government	ongoing
Promotion of Rice production.	7.5M	2013-2017	Increase in area of area under rice	Minutes and quantities	Muranga County	Muranga County	ongoing

			Production per ha		Government	Government	
Establishment of central nurseries at Kenyatta ATC and Thai village farmer capacity centre.	8.3M	2013-2016	No of nurseries established No of seedlings produced	Number of nurseries	Muranga County Government	Muranga County Government	New
Support programme for Kenyatta ATC model demonstration farm and training centre.	36.2M	2013-2017	Disseminate appropriate technology and build capacity to the client	demo site and materials generated	Muranga County Government	Muranga County Government	ongoing
Agricultural mechanisation station	28M	2014-2015	No of units procured	Numbe of tractors and revenue documents	Muranga County Government	Muranga County Government	New
Coffee development program	18M	2013-2017	Percentage Increase in yield per brush Percentage increase in the volumes of 3 prime grades/class Percentage Increase in payment to producers per kg of cherry delivered	minutes of trainings, and supplies	Muranga County Government	Muranga County Government	New
Tea improvement program	6M	2013-2017	Percentage Increase in yield per brush Percentage increase in the volumes of 3 prime grades/class Percentage	minutes of trainings, and supplies	Muranga County Government	Muranga County Government	New
Improvement of the banana value chain	10.4M	2013-2017	Percentage increase in the marketable volumes Percentage increase in the hectarage under 418iharu No. banana processed produced	minutes of trainings, and supplies	Muranga County Government	Muranga County Government	New

Improvement of the mango value chain	6M	2013-2017	Percentage increase in the marketable volumes Percentage increase in the hectarage under mango No	minutes of trainings, and supplies	Muranga County Government	Muranga County Government	New
Promotion of green house production technology	48M	2014-2016	No. of farmers adopting the technology No. of beneficiaries participating Percentage increase in production and income from the technologies.	No of Units,	Muranga County Government	Muranga County Government	New
Revitalization of the avocado industry	10M	2013-2017	Percentage Increase in yield per tree Percentage increase in the volumes of marketable grades/class Percentage Increase in payment to producers per kg of produce delivered Percentage	minutes of trainings, and supplies	Muranga County Government	Muranga County Government	New
Macadamia promotion	10M	2013-2017	Percentage Increase in yield per tree Percentage increase in the hectarage under macadamia Percentage Increase in payment to producers per kg of nuts delivered. Percentage increase in no. of growers.	minutes of trainings, and supplies	Muranga County Government	Muranga County Government	New
Completion of stalled constituency water pans pans10,000-40,000	120M	2013-2017	Improve food security in dry area	minutes of trainings, and supplies, Pans	Muranga County Government	Muranga County Government	New

Cubic							
Initiation of Mega >50,000 cubic meters	240M	2013-2017	upscale food security through harvesting run off	minutes of trainings, and supplies, Pans	Muranga County Government	Muranga County Government	New
Promotion of Hydroponics in seed development	24M	2014-2017	No of units developed and number of farmers trained	minutes of trainings, and supplies, Hydroponic units	Muranga County Government	Muranga County Government	New
Promotion of Urban Agriculture technologies.(Establishment of kitchen gardening ,madaragardens,Hanging gardens and wet beds for promotion of nutrition)	6M	2014-2017	No of Demonstration sites and farmers trained	trainings minutes	Muranga County Government	Muranga County Government	New
Promotion of energy conservation technologies (KuniMbili,Food warmers, Wood lots,Rocketjikos)	25M	2013-2017	No of installed units	minutes of trainings	Muranga County Government	Muranga County Government	New
Enhancing Agri business promotion	7.5M	2014-2017	Number of farmers with business plans, planned farms and engaging in commercial agriculture	minutes of training	Muranga County Government	Muranga County Government	New
Construction of prototype market in every constituency	600M	2015-2017	Number of units done in contitucies whose markets not modern	funding documents, minutes of meetings	Muranga County Government	Muranga County Government	New
Establishment of strategic grain reserve.	50M	2015-2016	Tonnage of produce bought and sold	Minutes ,food stocks	Muranga County Government	Muranga County Government	New
Establishment of Kenya assembly	500M	2014-2015	Assembly market hub established	Minutes of meetings	Muranga County	Muranga County	New

market hub			No. of commodities assembled Volumes of commodities assembled		Government	Government	
Establish fruit processing, banana and vegetable canning factory	240M	2014-2017	Factory established Types of fruits processed Volume of fruits processed	Minutes of meetings	Muranga County Government	Muranga County Government	New
Establishment of horticulture produce processing plant (target export horticulture)	65M	2015-2017	Plant established Types of horticultural crops processed Volume of horticultural crops processed	Minutes of meetings	Muranga County Government	Muranga County Government	New
Establish of coffee milling plant at Maragua	100M	2013-2017	Milling plant established Volume of coffee milled and marketed Percentage increase in returns to farmers	Minutes of meetings	Muranga County Government	Muranga County Government	Ongoing
Establish of Cooling storage plant facility.-10	80M	2014-2016	No of cooling plants established Volumes of produced stored	Minutes of meetings	Muranga County Government	Muranga County Government	New
Promote safe and responsible use of agrochemical (General MRL compliance)	1.25M	2013-2017	No of producers trained and registered for compliance	Minutes of meetings	Muranga County Government	Muranga County Government	New
Integration of Traditional High Value Crops into warehousing(seed production)	250M	2013-2017	No.of completed warehouses Types of THVCs intergrated No. of beneficiaries participating	Minutes of meetings	Muranga County Government	Muranga County Government	New
Spot rural access road repair and maintenances in	40M	2013-2017	40 km rural access road rehabilitated	Minutes of meetings	Muranga County Government	Muranga County Government	New

horticultural zones							
Establish of Kenyatta ATC Agro processing unit.	8.5M	2013-2015	Agroprocessing unit establishment	Minutes of meetings	Muranga County Government	Muranga County Government	New
Establishment of rice processing unit (kiharu,gatanga,maragwa,Kigumo)	62.5M	2013-2017	Rice mill establish Volume of Rice milled	Minutes of meetings	Muranga County Government	Muranga County Government	New
Establishment of cottage banana processing plant for training of upcoming entrepreneurs at SabaSaba.	25M	2016-2017	Factory unit established. Volume of banana commodity	Minutes of meetings	Muranga County Government	Muranga County Government	New
Grain drying storage project at Makuyu	50M	2014-2-15	Ware house construction No of bags stored	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Cassava value addition plant maragua ridge	4M	2013-2014	Value addition machine installed	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Establishment of produce grading and collection centre- 47	190M	2013-2017	Grading shade and volume of produce	Minutes of meetings	Muranga County Government	Muranga County Government	New
Establishment of Cottage Mango value addition centre Kiharu-One	7.4M	2013-2015	A mango produce processing centre, Volume of product made	Minutes of meetings	Muranga County Government	Muranga County Government	New
Establishment of agro processing incubation centre Kangema-1	2.5M	2013-2014	Equiped incubation centre. No of youth trained No of enterprises Developed	Minutes of meetings	Muranga County Government	Muranga County Government	New
Promotion of	32M	2014-2016	No of farmers growing	Minutes of meetings	Muranga	Muranga	New

cottage sunflower production and establishment of processing plant Maragua and Kigumo -2			Processing Processing plant established Volume of oil extracted		County Government	County Government	
Completion of Gathaiti coffee pulping factory-Kahuro sub county.	5M	2014-2016	Volume of coffee processed and marketed	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Establishment of growing contracts with buyers	1.5M	2013-2017	Number of contracts signed	Minutes of meetings, contracts	Muranga County Government	Muranga County Government	New
Establishment of supply chain logistics for commodity promotion (Streamlining of supply of farm inputs network strategy)	650M	2013-2017	Strategy done and implemented	Minutes of meetings	Muranga County Government	Muranga County Government	New
Value chain mapping in key commodities in agriculture starting with vegetables/French beans and bananas, tea, coffee and other cash crops	1.5M	2013-2016	Number of chains mapped	Minutes of meetings	Muranga County Government	Muranga County Government	New
Support to county industrial park initiative through raw material	1M	2013-2017	linkages developed and Volume of produce supplied as raw materials	Minutes of meetings	Muranga County Government	Muranga County Government	New

production							
Development of an agro based and detailed market strategy	900,000	2013-2016	Strategy in place and implemented	Minutes of meetings	Muranga County Government	Muranga County Government	New
Develop a niche marketing plan for key high value crops	600,000	2014-2016	Plan in place and implemented	Minutes of meetings	Muranga County Government	Muranga County Government	New
Promote and manage agroforestry farming systems	10M	2013-2017	Percentage increase in area under agro forestry	Minutes of meetings	Muranga County Government	Muranga County Government	New
Promote soil and water management	60M	2013-2017	No. of catchments conserved	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Establish carbon trading projects	25M	2013-2017	No of beneficiaries participating No. of Platforms formed No. Carbon units traded	Minutes of meetings	Muranga County Government	Muranga County Government	New
Construction and furnishing of office facilities.	88M	2013-2017	CDA office furnished, Completion-3 SCAO, Construction 2 new SCAO offices, New Ward Offices-16 wards,	Minutes of meetings	Muranga County Government	Muranga County Government	New
Phase lifting of Kenyatta ATC	16.5M	2013-2017	Rehabilitation of pavements and walk ways , Construction of new hostel , Construction of gate , Rehabilitation of the dinning hall	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Completion of Thai Model village hostels	44M	2013-2014	No of completed hostel No of rooms completed	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Provision of	23.5M	2014-2015	Vehicles- CDA and 3	Minutes of meetings	Muranga	Muranga	New

Transport Facilities,			SCAOs, Motor cycles-100 units,		County Government	County Government	
Integration of ICT in extension services	3M	2014-2015	Procure 100 laptops	Minutes of meetings	Muranga County Government	Muranga County Government	New
Develop and retain a well trained human resource	160M	2013-2017	No.of staff trained, Employed 30 Certificate J/G-F & 10 diploma J/G-G in year one Improve staff/farmer ratios. Employ 10 Support staff/driver J/G D	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Feasibility studies for all crops.(Crops Census)	10M	2014-2016	Data developed for planning	Minutes of meetings	Muranga County Government	Muranga County Government	ongoing
Total	5,680.05 M						

Irrigation sub sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Riakomo – Thika Ridge Irrigation Project	15 M	2016	No of farmers connected	Quarterly Reports	CGOM	CGOM	Ongoing
Ndakaini – Wanduhi Irrigation Project	26 M	2015	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Iria – Kiriga Irrigation Project	5 M	2016	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Gathwariga United Irrigation Project	15 M	2016	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Gakoe Irrigation Scheme; Njumbi Division;	250 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Mukurwe Mweru-Nyakihai-Kigetuni	1Mi	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Gaturi	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Iriguini-Kigumo	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Irati-Mariira	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Upper Chathanda-Wa Kibugi	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Kiahiti-Njora-Githama-Thamara-Kagurumo	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Gakaki-Gitiri-Mbari Ya Hiti	10M	2014-2016	No of farmers connected	Quarterly Reports	CGOM	CGOM	On-Going
Mukore Irrigation Scheme	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Karagia Irrigation Scheme	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Ndera-Thaara-Mazuri-(Makuyu)	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Kakuzi	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Mitubiri	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Mianyaini-Mugumo	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Mukundi-Ngelelya	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Kagunduini	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Kiriaini (Gatanga)	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
GakurweScheme Gaturi Location-Kiharu	65M	20132017	No of farmers connected	Quarterly Reports	CGOM	CGOM	On-Going
Kimakia Ng'aragu-Marumi	50M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	On-Going
Thangaini-Kigumo	58M	2014-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	On-Going
Iria-Kiriga	1M	2016	No of documents produced	Report produced	CGOM	CGOM	Proposed
Thika Ridge	23M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Kiria-Gatundu	17M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kwa-Muthungu (Kimathi)	15M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Gikongoma (Kigetuiini)	15M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Water Dam for Irrigation (Ichagaki-Samar)	100M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Rwegetha	30M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Gitiri Irrigation (Kariara)	27M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kirwara	29M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Water Dam for Irrigation at Kakuzi	25M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kabuku and Thamura Rivers Irrigation Scheme	35M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kirimiri-Mugira-Makuyu-Pundamilia Dams Irrigation Project	25M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Ithanga Dams Rehabillitation	50M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kagenyo Irrigation Scheme-Thaara River	100M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Thaara-Sabasaba Rivers Irrigation	40M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kamahuha Irrigation Scheme	30M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Katipanga-Kimorori-Githanji Irrigation Scheme	60M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Makindi Irrigation Scheme	65M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Thugi Irrigation Project	55M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Kabuku Irrigation Project	70M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Rugaiithi Irrigation Water Project	45M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Ichichi-Karura Irrigation Project	60M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Gataguaga-Kiruri Irrigation Project	50M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Irati-Kiiriangoro	70M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kibarabari Irrigation Project	50M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Ajibika Irrigation Project	70M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Fofoti Kiamande Irrigation Project	70M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kgenyo Irrigation Scheme	60M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Githambo Irrigation Project	55M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Witeithie Irrigation Project	60M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kahinduini Irrigation Project	45M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Karuga Irrigation Project	50M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Karung'e Irrigation Project	70M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kandundu Irrigation Project	65M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Kanyenyaini Irrigation Project	58M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Irrigation Development Fund	65M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kangangu Dam	55M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kiruga Irrigation Project	72M	2013-2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Nyanjingi irrigation scheme;	200 M	2014	No of farmers connected	Quarterly Reports	CGOM	National Irrigation Board (NIB)	ONGOING
Mirichu –Murika Irrigation project.	300 M	2014	No of farmers connected	Quarterly Reports	CGOM	National Irrigation Board (NIB)	Ongoing
Water Dam for Irrigation at Gatara.	2.5 B	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Water Dam for Irrigation at upper Mathioya River	2.5 B	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	proposed
Kimathi/Githuri Irrigation project	500 M	2014	No of farmers connected	Quarterly Reports	CGOM	CGOM	Starting
Gituri-Gaitega irrigation project	50 M	2015	No of farmers connected	Quarterly Reports	CGOM	CGOM	On going
Gacharu-Muchungucha water project	2 M	2014	No of farmers connected	Quarterly Reports	CGOM	CGOM	On going
Gitei water project	100 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	CGOM
Gikandu irrigation project	200 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Thathawa Irrigation Project	50 M	2015	No of farmers connected	Quarterly Reports	CGOM	CGOM	On going

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Gikindu Irrigation Project	180 M	2016	No of farmers connected	Quarterly Reports	CGOM	CGOM	On going
Gacharaigu Irrigation Project	45 M	2015	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Wangu Irrigation Project	100 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Kinyona Irrigation Project	120 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Muthithi Irrigation project	150 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Ithanga Irrigation Scheme	80 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Kakuzi Irrigation Scheme	500 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Mugumoini Irrigation Scheme	100 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Kihumbuini Irrigation Scheme	150 M	2017	No of farmers connected	Quarterly Reports	CGOM	CGOM	Proposed
Total	8,208						

Livestock

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Dairy breeding project	760M	2013-2017	-No of Dairy cows procured No of Zero grazing unit constructed	-Progress reports -Surveys	Department of Livestock Production	County Government of Murang'a	Ongoing
Feed Mill Project	520M	2013-2017	-No of Feed mill constructed -No of tones of Feeds produced	-Market Surveys -Site selection -Reports	-Department of Livestock Production -Department of Industrialization	County Government	New
Egg Hatching units (Incubator) project	255M	2014-2017	-Population of indigenous birds -No. Of incubators	-Progress reports -Surveys	Department of Livestock Production	County Government	New
Pasture and Fodder project	205M	2013-2017	-Acreage of planted pasture -Tractor and equipment acquired -No. Of Hydroponic units installed -No. of fodder bulking sites	-Records -Reports -Land identification -Lease agreements	Department of Livestock Production	County Government	Ongoing
Dairy goat Breeding project	81M	2014-2017	-No. of dairy goats reared -Staff trained in goat AI	-Progress reports -Certificates of training -Surveys	Department of Livestock Production	County Government	New

			-Dairy goat milk processing plants				
Rabbit production project	30.5M	2014-2017	Population of rabbits	-Progress reports -Records -Surveys	Department of Livestock Production	County Government	New
Pig improvement project	421M	2014-2017	No of Procured breeding stock	-Progress reports -Records -Surveys	Department of Livestock Production	County Government	New
Pig products Value addition pilot plant	635M	2014-2017	-Site identification -Value added products produced	-Progress reports -Records -Surveys	-Department of Livestock Production -Dept of Industrialization	-County Government -Donor partners	New
Honey processing Machines in Makuyu and Muthithi	2M	2014-2017	Site identification -Value added products produced	-Progress reports -Records -Surveys	-Department of Livestock Production -Dept of Industrialization	-County Government	New
Milk Market outlet	1M	2014-2017	-Site identification, Construction of Milk Kiosk	Progress reports, records	Livestock Production	-County Government	New
Bee keeping project	42M	2014-2017	-No. of BeeHives acquired -Refinery installation -Quantity of refined honey produced	-Progress reports -Records -Surveys	-Department of Livestock Production -Dept of Industrialization	County Government	New
Mutton and Chevon project	252M	2014-2017	No. of sheep and goats procured	-Progress reports -Records -Surveys	Department of Livestock Production	County Government	New

Emerging livestock project (e.g.Guinea fowls)	70.5M	2014-2017	No of groups keeping emerging livestock	-Progress reports -Records -Surveys	Department of Livestock Production	County Government	New
Emerging livestock products marketing	15M	2014-2017	Quantity of products produced	-Progress reports -Surveys	-Department of Livestock Production -Dept of Agromarketing	County Government	New
Cow ownership (1 youth 1 cow)	800M	2014-2017	-No of Youth groups keeping dairy cows -No of groups with zero grazing units	-Progress reports -Records -Certificates -Surveys	Department of Livestock Production	County Government	New
Livestock development fund	300M	2014-2017	-No. of resource poor farmers accessing credit	-Progress reports -Records -Surveys	Department of Livestock Production -MFIs	County Government	New
Livestock inputs grant fund	280M	2014-2017	-No. of groups accessing the fund	-Progress reports -Records -Surveys	-Department of Livestock Production -MFI	County Government	New
Capacity building for the youth on livestock rearing, beekeeping and poultry keeping	25M	2014-2017	-No. of youths capacity build	-Progress reports -Records -Surveys	Dept. Of Livestock Production	County Government	New
Office blocks	53M	2014-2017	No. of Office blocks constructed& Furnished	-Inspection reports -Completion certificates	-Dept of Livestock Production -Dept of Infrastructure & Works	County Government	New
Vehicles	62M	2013-2017	No of vehicles procured	-Log books -Work tickets	-Dept of Livestock Production	County Government	New
Motor cycles	7M	2013-2014	No. of motor cycles procured	-Log books -Worktickets	-Dept of Livestock Production	County Government	Ongoing
ICT equipments	5M	2014-2017	No. of computers,	-Records	-Dept of Livestock	County	New

			laptops, Projectors, smart phones and digital cameras procured		Production	Government	
New extension staff	150M	2014-2017	No. of new staff employed	-Records -Reports	-Dept of Livestock Production -Dept of Human Resources -Public Service Board	County Government	New
Staff training & Capacity building	25M	2013-2017	No. of staff capacity build	-Certificates -Records	-Dept of Livestock Production -Public Service Board	-County Government -National Government	Ongoing
Livestock extension Services	80M	2013-2017	-No of households reached -No. of workshops, seminars, tours and trainings	-Reports -Work tickets	Dept of Livestock Production	-County Government - Stakeholders	Ongoing
Livestock census	15M	2014	Livestock database	Records	Dept of Livestock Production	County Government	New
Publicity & Promotion	9M	2014-2016	-No. of projects launched - No of promotion activities	-Records	-Dept of Livestock Production -Publicity department	-County Government - Stakeholders	New
TOTAL	7.172B						

Veterinary Sub Sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Livestock vaccination campaign against diseases	100M	2013– 2017	No vaccinated % coverage	Vaccination tally sheets Periodic reports M &E reports	CGM(CVS) Dev Partners	CGM GoK Dev Partners	On going
Veterinary extension and inspectorate services (Includes purchase of equipment).	250M	2013– 2017	No of farm visits, No of barazas, exhibitions and field days done No of farmers educated No of inspectorate visits to Agrovets and other service providers	Farm visits and inspectorate records sheets Periodic reports M &E reports	CGM(CVS)	CGM	On going
Veterinary Public Health-Meat Inspectorate & Renovations and Construction of abattoirs	60M	2013 – 2017	No of abattoirs renovated or constructed No of inspected carcasses Amt of revenue generated	Tender documents Revenue Submission receipts Site visit reports M & E reports	CGM/ CVS Dev Partners	CGM Dev Partners	On going/Proposed
Leather Development-Hides and skins improvement and construction of tanneries	25M	2013 – 2017	% grade 1 hides &Skin produced No of tanneries constructed Revenue Generated	Periodic reports Dispatch notes records Tender documents Site visit reports, M & E reports	CGM/ CVS GoK Dev Partners	CGM GoK Dev Partners	On going/Proposed
AI Project	250M	2013 –	No of animals	AI periodic reports	CGM(CVS)	CGM	On going

		2017	Inseminated Conception rates	Tender documents Site visit reports, M & E reports		Dev Partners	
Purchase of 10 double cabs and 200 motor bikes	80M	2013 – 2016	No of vehicles and motor bikes bought	Tender documents, Work tickets, Officer's, Drivers' and riders' reports	CGM	CGM	On going
Tick control Services (Revival of Dips)	5.04M	2014 – 2017	No of Cattle Dips revived No of cattle dipped Completion rate	Tender documents Site visit reports M & E reports	CGM(CVS)	CGM Dev Partners	Proposed
Refurbishment and Equipping veterinary laboratories in Maragwa and Kiharu sub county	25M	2014– 2017	No of labs operational Completion rate	Tender documents Disease investigations reports Site visit reports, M & E reports	CGM/ CVS	CGM	Proposed
Indegenous poultry vaccinations programme	28M	2014 – 2017	No of poultry vaccinated % coverage	Vaccination tally sheets and reports	CGM(CVS)	CGM	Proposed
Construction of Pig and Poultry/rabbit Slaughter houses in each subcounty	160M	2014 – 2017	No of slaughter houses constructed and operational	Tender documents Site visit reports, M & E reports	CGM/ CVS Dev Partners	CGM Dev Partners	Proposed
Construction of veterinary offices at Mathioya, Gatanga, Kangema and Kigumo and refurbishment of offices at Kiharu, Kandara, Kahuro and Murang'a South & equiping of the offices	24M	2014– 2017	No of offices constructed or renovated Completion rate	Tender documents Site visit reports, M & E reports	CGM	CGM	Proposed
Tsetse Fly and Trypanosomosis control	26M	2014– 2017	FTD, %infection	Tender documents Site visit reports, M & E reports	CGM(CVS) Dev Partners	CGM Dev Partners	Proposed
Staff recruitment-30	864M	2013 –	Number of new staff	Staff returns	CGM	CGM	Proposed

veterinary officers, 200 animal health assistants, 50 support staff		2016					
Total	1897.04M						

Fisheries Development

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Status
Development of aquaculture. County wide (Fish farming enterprise productivity program)FFEPP	303.8M	2014-2017	-No of ponds constructed -No of beneficiaries/ institutions and farmers groups. -No of established stockiest -No of pelletizing machine -No of trainings carried out -No of youth employed Constructed	Reports	Fisheries department	GOK and CGM	Ongoing
Dam and river line fisheries development countywide (Economic recovery poverty alleviation in regional dev.)ERPARD	102M	2014-2017	No of dams rehabilitated-30 No of wetlands reclaimed No of fisher groups To reduce poverty from current 36 % -No of co-management groups established No of recreation facilities established (sport fishing clubs & recreation dams)	Reports	Fisheries Dept	GOK and CGM	Ongoing
Rehabilitation of fisheries infrastructure	95M	2014-2017	-Rehabilitated fish seed production farm. -Fully rehabilitated Kimakia fish camp	Reports	Fisheries Dept	GOK and CGM	Ongoing
Development of investments in value addition and marketing (ERPARD)	841M	2014-2017	No of mini processing plants established No of fisher folk trained	Reports	Fisheries Dept.	GOK and CGM	Ongoing

Development of fisheries infrastructure	120M	2014-2017	-Established center. -Established hatchery	Reports	Fisheries dept.	GOK and CGM	Ongoing
Construction of buildings (non-residential) in all sub-counties. (offices, warehouses parking yards),	86M	2014-2017	No of sub-county offices constructed No of stores/warehouse No of equipment's	Reports	Fisheries dept.	GOK and CGM	New
Monitoring control and surveillance (MCS).	42M	2014-2017	-No of upstream controls carried out -NO of established county residue monitoring plans -No of county legislation on management conservation enforced.-no of patrols	Reports	Fisheries department	GOK and CGM	New
Development of fish safety, quality assurance investments in value addition and marketing	96M	2014-2017	No of campaigns done No of trainings done No of market shades No of cold chains facilities	Reports	Fisheries department	GOK and CGM	New
Procurement of motor vehicles, boats and communication equipment's	64M	2014-2016	No of outbound engines No motorcycles No of motor vehicles No of boats	Reports	Fisheries department	GOK/County government	New
Development of Human resource capital(employment)	103M	2014-2017	No of support staff employed No of technical staff employed	Reports	County public service board	GOK and CGM	New
Staff Training and capacity building	37M	2014-2017	No of staff members trained No of fish inspectors trained and gazzeted	Reports	Fisheries department	GOK and CGM	New
Acquisition of land	50M	2014-2016	No land pieces acquired	Reports and Titles	Fisheries department	County government	New

Construct Fish pond in every public Primary and Secondary Schools	40M	2014-2016	No of fish ponds established in primary and secondary schools	Reports	Fisheries department	CGM and GOK	NEW
Total	2,139.8M						

Forestry Sub-Sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Agro forestry and woodlots development covering 50,000.00 Ha.	72 M	2013-2017	Hectares Of trees planted	-Reports -Surveys	County Government & kenya Forest service	-Private farmers -KFS	On-going, at 10%
Rehabilitation of degraded sites through tree planting covering 500 Ha.	10.5 M	2013-2017	Hectares Of land rehabilitated	-Reports -surveys	County Government & kenya Forest service	County Government & kenya Forest service	On-going, at 10%
Purchase and distribute 5,000 energy saving stoves	3.6 M	2013-2017	No. of house-holds using energy saving stoves	-Reports -surveys	NGO's, County Government & KFS	NGO'S & County Government.	On-going, at 25%
Capacity building on tree planting for 10,000 farmers	12.9 M	2013-2017	No. of farmers trained on tree planting	-Reports -surveys	-County Government -K.F.S -NGO's	County Government & K.F.S	On-going, at 10%
Support planting of 4,000,000 seedlings in schools.	45 M	2013-2017	No of seedlings planted in schools	-Reports -surveys	-County Government & kenya Forest service	-County Government . - K.F.S -Schools	On-going, at 15%
Establish 20 hectare of tree parks and arboreta	3 M	2013-2017	Hectares Of parks &arboreta established	-Reports -surveys	-County Government -kenya Forest service	-County Government . - K.F.S -Donors	On-going, at 20%
Put 2000 ha. Of trees and woodlots under	7 M	2013-2017	Hectares Of forest under	-Reports -surveys	-County Government. -K.F.S	-County Government.	New

carbon trade			carbon trade		-NGO's	- K.F.S -NGO's	
Plant 2000,000 medicinal plants &herbs.	14.6 M	2013-2017	No. of medicinal trees planted	-Reports -surveys	-CBO's/ NGO'S -County Government -K.F.S	- Private farmers -County Government. -K.F.S	On-going, at 10%
Establish 2000 ha. of bamboo	350 M	2013-2017	Hectares planted with bamboo	-Reports -surveys	- Private farmers -County Government. -K.F.S	-County Government -Kenya Forest service	On-going, at 10 %
Set up 200 biogas and bio latrine plants	20 M	2013-2017	No. of functional biogas plants	-Reports -surveys	- Private farmers -County Government. -K.F.S	-CBO's/ NGO'S -County Government.	On-going, at 5 %
Propagate 500,000 fruit trees	40 M	2013-2017	No. of surviving fruit trees	-Reports -surveys	- Private farmers -County Government. -K.F.S	- Private sector -County Government. -K.F.S	On-going, at 10 %
Amenity & Urban tree planting in 125 sites	25 M	2013-2017	No. of sites planted	-Reports -surveys	-County Government. -K.F.S	-County Government. -K.F.S	On-going, at 10 %
Tree resource survey 24 Surveys	6.6 M	2013-2017	Resource surveys completed	-Reports -surveys	-County Government. -K.F.S	-County Government. -K.F.S	On-going, at 10 %
Exchange visits for farmers (250 farmers)	3.5 M	2013-2017	No. of participants	-County Government. -K.F.S	-County Government. -K.F.S	-CBO's/ NGO'S -County Government.	On-going, at 20 %
Infrastructure and Equipment (offices, furniture, vehicles, computers & phones)	50 M	2013-2017	No. of Equipments, offices or furniture purchased	-Reports -surveys	-County Government.	-County Government.	On-going, at 5 %
Monitoring &	1.8 M	2013-2017	Monitoring	-Reports	-County Government.	-County	On-going, at 10

Evaluation, annual : 40 reports			reports compiled	-surveys	-K.F.S	Government. -K.F.S	%
Eco-lodge in Wanjerere Forest Station (private)	240 M	3 years	% of completion	-Reports -surveys	Private sector	-County Government. -K.F.S	On-going, at 2%
Forest surveillance, patrols and security(30000ha)	6 M	2013-2017	Area of Forest protected	-Reports -surveys	K.F.S	K.F.S. & Donors	On-going, at 50 %
Rehabilitation of 250 Ha. of degraded forest through tree replanting	90 M	2013-2017	Area of Forest rehabilitated	-Reports -surveys	K.F.S	K.F.S. & Donors	On-going, at 30 %
Construction of 5 eco-lodges in forest	500 M	2013-2017	No. of cloges constructed	-Reports -surveys	K.F.S	K.F.S. & Donors	On-going, at 20 %
Nature – Based IGAS Implementation20 projects	30 M	2013-2017	No. of IGAS completed	-Reports -surveys	K.F.S	K.F.S. & Donors	On-going, at 20 %
Forest infrastructure and equipment provision(3 vehicles, 4 roads, 2 offices)	36 M	2013-2017	Kms of roads improved and offices constructed	-Reports -surveys	K.F.S	K.F.S. & Donors	New
Establish and manage 100 hectares of forest plantations	6 M	2013-2017	Hectare of plantations established	-Reports -surveys	K.F.S	K.F.S. & Donors	New
Manage 1500 hectares of forest plantations	8 M	2013-2017	Hectare of plantations managed	-Reports -surveys	K.F.S	K.F.S. & Donors	On-going, at 50 %
Train 200 and saw	12.2 M	2013-2017	No. of millers	-Reports	K.F.S	K.F.S. & Donors	New

millers on wood recovery Technology			trained	-surveys			
Total	1,593.7 M						

1.1

Environment

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Rehabilitation of degraded sites	36M	2013-2017	No. of sites rehabilitated	Reports	County GVT	CGM/GoK	on-going
Designate sanitary landfills	43M	2013-2017	No. of landfills acquired	Land documentation	County GVT	CGM/GoK	Only crude dumping
Acquisition of garbage transport vehicles	160M	2013-2017	No. vehicles acquired	Log books	County GVT	CGM/GoK	Low
Acquisition of Backhoes or Bulldozers	100M	2013-2017	No of equipments acquired.	Log books	County GVT	CGM/GoK	Low
Construction of waste transfer stations/Refuse chambers	20M	2013-2017	No.of stations/chambers constructed.	Reports	County Govt	CGM/GoK	Low
Biogas projects at household level(Subsidy)	20M	2013-2017	No.of biogas plants constructed	Household using biogas	Farmers,County Gvt	CGM/GoK	Low
Acquisition of Exhausters (PPP with water companies)	40M	2013-2017	No. of exhausters acquired	Log books	Water Companies	CGM/GoK	New
Advocacy and enforcement of Environmental laws	15M	2013-2017	Level of compliance	No. environmental licences issued	County Govt, NEMA	CGM/GoK	30%
Environmental Planning and assessments	12M	2013-2017	County Environment Action Plan	Reports	Line ministries , County Govt. NEMA	CGM/GoK	20%
Construction of county	10M	2013-2017	Office block	Improved	. County	CGM/GoK	New

environmental office				service delivery	Govt Line ministries.		
Acquisition of vehicles	5M	2013-2017	No. of vehicles acquired.	Log books	County Govt	CGM/GoK	New
Publicity and promotion	2M	2013-2017	No. of events held	Reports	Lead Agencies	CGM/GoK	Low
Rehabilitation of degraded sites such as quarry. (County wide)	36M	2013-2017	No. of sites rehabilitated	reports	County government	CGM/GoK	New project
Designated Landfills (County wide)	43M	2013-2017	No. of land fill sites acquired	Land documentation	County government	CGM/GoK	New
Acquisition of exhausters.PPP/LIAISON with water companies (County wide)	40M	2013-2017	No. of exhausters acquired		County government	CGM/GoK	New
Advocacy and enforcement of environmental laws. (County wide)	15M	2013-2017	Level of compliance	Awareness, No.of environmental licences issued	County government	CGM/GoK	New
Rehabilitation of degraded sites	52M	2014/2015	No. of sites rehabilitated	Reo\ports	County government	CGM/GoK	On-going
Designate sanitary landfills	43M	2014-2015	No. of landfills in place	Reports	County government	CGM/GoK	New
Acquisition of garbage transport vehicles	160M	2014/2015	No. of vehicles bought	Reports	County government	CGM/GoK	New
Total	852 M						

1.2

Co-operative Development and Agro-Marketing Sub-Sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Education and Training (County wide)	100M	2013-2017	no. of cooperatives leaders trained	M&E reports	Cooperative development	CGM	On-going
Registration of New Societies County wide	10M	2013-2017	no. of new registered cooperatives	M&E reports	Cooperative development	CGM	On-going
Reviving of dormant cooperative societies	12M	2014-2017	no. of revived cooperatives	M&E reports	Cooperative development	CGM	On-going
Formation of Cooperatives: • milk producers cooperatives	50M	2013-15	No. of Cooperatives	M&e reports	CGM	CGM	On-ging
• motorcycle/ boda boda cooperative	50M	2013-17	No. of Cooperatives	M&e reports	CGM	CGM	On-ging
• Horticulture cooperatives	50M	2013-2015	No. of Cooperatives	M&e reports	CGM	CGM	On-ging
• Women cooperatives	50M	2013-2016	No. of Cooperatives	M&e reports	CGM	CGM	On-ging
• Youth cooperatives	50M	2013-2015	No. of Cooperatives	M&e reports	CGM	CGM	On-ging
• Saccos	50M	2013-2016	No. of Cooperatives	M&e reports	CGM	CGM	On-ging

Establish a Cooperative Development Fund	250M	2014-2017	Cooperative Fund developed	M&E reports	CGM	CGM	Proposed
Savings and Credit Cooperatives (County wide)	50M	2013-2014	No. Of cooperatives formed	M&E reports	CGM	CGM	on- going
Set up stabilisation fund (County wide)	500M	2014-2017	Stabilisation fund	M&E reports	CGM	CGM	proposed
Establish Coffee processing plant (Maragua)	200M	2014-2015	Milling plant established	Site visit reports M&E reports	CGM	CGM	Proposed
Rehabilitation and improvement of all 161 coffee factories in the county	100M	2014-2017	NO. of Coffee factories rehabilitated	Site visit reports M&E reports	Cooperative Department	CGM	Proposed
Restructure the entire coffee value chain sector (County wide)	500M	2014-2017	Revolving fund	M&E reports	CGM	CGM	Proposed
Develop an electronic management system in the Co-operatives (County wide)	250M	2014-2017	electronic management system established	M&E reports	CGM	CGM	proposed
County co-operative Accounting systems review.(system audit of coffee society)	30M	2014-2017	Increased Transparency Accountability in coops	M&E reports	CGM	CGM	Proposed (proposed system audit)
Improved Tea Value Addition and setting up of cottage	200M	2014-2015	Percentage increase in marketable volumes	M&E reports	CGM	CGM	Proposed

(County wide)							
Develop and implement a branding and marketing strategy (County wide)	200M	2014-15	Strategy developed and implemented	M&E reports	CGM	CGM	proposed
Identify markets for specific agro-products (County wide)	200M	2014-2015	Identified markets	M&E reports	CGM	CGM	proposed
Establish growing contracts with buyers (County wide)	5M	2013-2017	Number of contracts signed	Site visit and M&E reports	CGM	CGM	On-going
Establish supply chain logistics (County wide)	10M	2015-2016	Strategy done and implemented	M&E reports	CGM	CGM	Proposed
Milk Processing plant (County wide)	1.5B	2014-2015	Milk processing plant operationalized	Site visit reports M&E reports	CGM	CGM	Proposed
Purchase and installation of milk coolers	300M	2013-16	Installed and operational coolers	M& E reports	CGM	CGM	Ongoing
Purchase of special trucks for milk collection and distribution	100M	2014-2017	Tracks purchased and distributed	Site visits	CGM	CGM	Ongoing
Establish grading/collection centers for horticulture /coffee/ milk products (county wide)	100M	2013-14	Sites established	Site visit reports, M & E reports	CGM	CGM	On-going
Multi-Fruit Processing	220M	2014-2017	Factory established	Site visit	CGM	CGM	On-going

Plant				reports, M & E reports			
Setting up Agro-processing plants Rehabilitate existing Agr-processing and cottages	900M	2014-2017	No. of factories Established	Site visits	Cgm	Cgm	On-going
Establish Vegetable canning plant (County wide)	160M	2015-2016	Canning plant established	Site visit reports M&E reports	CGM	CGM	Proposed
Develop banana value addition plant (County wide)	200M	2014-2015	Processing plant established	Site visit reports M&E reports	CGM	CGM	Proposed
Establish of rice processing plant	100M	2014-2017	Plant established	Site visit M&E report	CGM	CGM	Proposed
Establish a grain handling facility (County wide)	100M	2014-2015	Tonnage bought and sold	Operational reports, M&E	CGM	CGM	proposed
Establish Fish Cold storage facilities	100M	2014-2015	Tonnage bought and sold	Operational reports, M&E	CGM	CGM	proposed
Total							

Agriculture and Rural Development Sector Total	34.462 Billion
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8.2 General Economic, Commercial and Labor Affairs

Trade Sub-Sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Joint Loans Board county wide	300M	2014-2015	Number of loans disbursed	Loan applications Reports	Trade Office	County Govt	In progress
Micro, Small and Medium Enterprises Training	40 M	2014-2015	Number of trainings held	Reports	Trade Office	County Govt	In progress
Facilitate MSEs to participate in local, regional and international exhibitions and trade fairs	50 M	2014-2015	Number of exhibitions and trade fairs held	Reports	Trade and Weights and Measures office	County Govt	In progress
Verification of traders equipment	10 M	2014-2015	Number equipment verified	Reports Revenue collected	Weights and Measures Department	County Govt	In progress
Inspection of traders premises	5 M	2014-2015	Number of inspections conducted	Reports	Trade and Weights and Measures office	County Govt	In progress
Establish Physical Metrology Laboratory County HQ	100 M	2014-2017	Established and fully equip Laboratory	Reports Certificate of completion	Weights and Measures office	County Government	New
Mapping of businesses and resources county wide	20 M	2014-2016	Number of businesses mapped	Creation of business directory Reports	Trade office	County Govt	On going
Resource Information Centers County wide	70 M	2014-2017	Number of information centres set up	Completion certificates Reports	Trade Office	County Govt	New
Setting up fully equipped weights and measures office	50 M	2014-2015	Fully equipped with weights and measures	Reports Delivery notes Completion	Weights and Measures Office	County Govt	New

County HQ			equipment	certificates			
Develop Investor incentive packages	100 M	2014-2017	Number of packages developed	Reports	Trade office	County Govt	New
Acquisition of motor vehicles	48 M	2014-2017	Number of vehicles acquired	Delivery notes	Trade and Weights and Measures Dept.	County Govt	New
Erection of weigh bridges along sand harvesting areas	50 M	2014-2017	Number of weighbridges erected	Reports	Weights and Measures Department	County Govt	New
Construction , Rehabilitation and maintenance of markets	300M	2014-2017	Number of markets constructed and maintained	Reports Completion certificates	Trade office	County Govt	New
Setting up and construction of Market Shades/stores (modern kiosk) in all shopping/trading centers	100M	2014-2017	No. of market shades and modern kiosk constructed	Reports Completion certificate	Trade office	CGM	New
Setting up and construction of Bodaboda sheds in all shopping/trading centers (county wide)	50M	2014-2017	No. of bodaboda sheds constructed	Site visit, Inspection report	Trade office	CGM	New
Develop framework for PPP's (County wide)	120M	2016-2017	1 PPP frame work in place	M&E reports	Trade office	CGM	New
Investment mapping County wide	40 M	2014-2015	Number of investments mapped	Reports Investment Directory	Trade office	County Govt	On going
Create a county investment corporation	50 M	2014-2017	Investment corporation created	Reports	Trade office	County Govt	New
Reservation of trading spaces in all markets and stalls for persons with	50 M	2014-2017	Number of stalls and spaces	Reports	Trade Office	County Govt	New

disabilities which are accessible and disability friendly.			reserved				
Establishment of special toilets for Person With Disabilities in Public Utility areas (i.e markets areas, juakali centers)	20M	2014-2017	No. of special Toilets reserved	Inspection report	Trade department	County Govt	New
Wholesale and retail outlet in Maragua Sub County	500 M	2014-2017	Development of a wholesale hub	Reports Completion certificate	Trade office	County Govt	New
Total	2.073B						

Industrialization

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Set up County Industrial Park (County wide)	200M	2014-2017	No. of Parks Established	Site visit reports M&E reports	CGM	CGM, Dev Partners	Proposed
Industrial Development Centres	40 M	2014-2017	No. of Juakali/Artisan Centres established	Reports Completion certificates	Industrialization office	County Govt	On going
Develop MSEs industrial parks countywide	100 M	2014-2017	Number of industrial parks constructed	Reports Completion certificate	Industrialization office	County Govt	New
Carry out resource mapping, exploration and valuation	10 M	2014-2017	Number of explorations carried out	Reports	Industrialization office	County Govt	New
Develop, upgrade/re-design the worksites to adapt to the market needs	50 M	2014-2017	Number of worksites up graded	Reports Completion certificates	Industrialization office	County Govt	New
Develop Pork processing plant	100 M	2014-2017	Pork processing plant constructed and equipped with machinery	Reports Delivery notes Completion certificates	Industrialization office	County Govt	New
Setting up stone crushing plant for ballast	100M	2014-2017	No. of stone established	Reports	Industrialization office	County Government	New
Total	600 M						

Lands Physical Planning Sub-Sector

Project Name	Cost Of	Time Frame	Monitoring	Monitoring	Implementing	Source Of	Implementation
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	Project		Indicators	Tools	Agency	Funds	Status
Kigumo Local Physical Development plan	0.5 M	2014-2017	No of plans/reports	Report Draft plan Minutes of stakeholder workshop	County Physical planning office	Murang'a County Government	Requires: Data analysis and report writing Digitization of plan proposals 2nd stakeholder meeting
Muthithi/Gikomora zoning plan	0.45 M	2014-2017	Newspaper advert cutting Report	Newspaper advert Workshop report	CEC Lands, housing and Physical Planning\	Murang'a County Government	New
Registration of Land transactions	0.5 M	2014-2017	Number of registration	Report	County Physical planning office	MCG	On going
Resolution of land disputes	0.3M	2014-2017	No. of appeals No. of resolved land boundaries disputes Reconstitute and train members of Land Control boards.	Liaison meetings Land control board	County Physical planning liaison committee Land control board	Murang'a County Government	On Going
improvement of land registries	2 M	2014-2017	No. of land registries established No of Land registries refurbished	Land registries at sub county levels	Land registrar Land surveyor	National Government CGM	New
Mapping and updating of topography maps	5M	2014-2017	Update and maintained maps and plans to support land registration Updated topographical and urban maps	GIs database compatible with RIMS Revised and updated existing topographical maps Geo – referenced Preliminary Index	Survey of kenya	Ministry of Lands/National Government	New

				Maps diagrams (PIDs) and Registry Index Maps Published and disseminated survey data Harmonize land reference numbering systems			
Preparation of county spatial plan	8M	2014-2017	No. spatial plan	Maps Reports Minutes adverts	CEC Land, housing and urban development	Murang'a county Government	New
Revision of Murang'a town zoning plan	6M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New
Revision of Kangema development plan	3M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New
Operationalisation of Kenol Zoning Plan	5M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	ongoing
Re-planning of Kangari Town	4M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New

Re-planning of Mununga Town	3M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New
Re-planning of Kandara Town	3M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New
Preparation of physical development plan in all urban centres	10M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New
Preparation of physical development plan for Ndakaini tourist resort centre	3M	2014-2017	No of plans/reports	Report Draft plan/maps Minutes of stakeholder workshop	County Physical planning office	Murang'a county Government	New
Prepare part development plans for all public land	15M	2014-2017	No. of PDPs prepared and approved	Circulation letters Part	County Physical planning office	Murang'a county Government NLC	New
Completion of construction of Mukuyu open air market	15M	2014-2017	NO. of operational markets	Development Plans B/QS	Works/physical planning	Murang'a county Government NLC	New
Mapping all ecologically	2.5M	2014-2017	No. of secured	Maps of	County	Murang'a	New

and culturally sensitive areas			wetlands	ecologically fragile areas Reports	Physical planning office Survey office NEMA	county Government	
Land banking project	2.0b	2014-2017	Hectares of land bought	Reports Title deeds Minutes	Lands Department	County Government	New
Total	2.86.b						

Tourism

New Projects

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Map, develop and document tourism sites in the county , circuits and events	8 M	2014-2015	Minutes on the partnership with tourism agencies like Kenya Tourism board Signed memorandum of Understanding with Kenyatta University	Reports by KWS Minutes of meetings between partners and the County Government .Documentaries	County government KWS	County government	New
Develop and excute a tourism county communication, marketing and branding strategy	30 M	2014-2017	Construction of a Marketing platform Number of documentaries on muranga county tourism.	An active website, social media platform on tourism in Murang'a	County Government	County Government	New
Develop hotels and conferencing facilities, consider PPP e.g. with KICC,KWS	54M	2015-2017	Construction of a county hotel near mukurwe wa nyagathanga and abedares.	Completion certificate, Photos	County government	County government Private investors.	New
Promotion & marketing of Mukurwe Wa Nyagathanga and other heritage sites (Kiharu)	10M	2014	Articles from print media Recording from electronic media	Pictures Media reports	County government Media	County government	new
Promote motor sports in the county	16M	2014-2017	Hosting a Motor sports events	Reports on the event Archived reports	County Government	County Government	New

				from both print and electronic media			
Establishing animal orphanage and sanctuary around Muranga Town	100M	2015	A complete orphanage/sanctuary No of wild and type of wild animals No of visitors/tourists- No of confrence facilities available		County government in conjunction with KWS	County government	New
Promotion & marketing Stadia (Games and agricultural shows) Kiharu)	20M	2013-2017	Hosting a successful agricultural shows Hosting county and national sports No of successful sports and agricultural shows No of visitors recorded	Reports on the events Pictures and videos Documentaries on the events	County Government Public, private partnership	County government, ASK and Private investors	On- going
Promote/market high altitude sports training to local and international athletes	6M	2014-2017	Number of sites identified for the sports No of athletes(local and int'l) No of daily visitors	Documentary to the media	County government Athletics Kenya and Ministry of sports	County government and ministry of sports	New
Conduct feasibility studies for other tourism attractions eg cable cars water parks, sports and agro-tourism.	30M	2014-2017	Number of sites-valleys and hills identified for the sport Number of operational cable cars for tourism purpose	Reports from the tourism ministry on the cable cars operations	County government of Murang'a Private investors	County government Private investors	New
Hold tourist Investor conference	20M	2015-2017	Number of private investors attending conference	Reports on the investor forum deliberations	County government of Murang'a	County Government and Private	New

			No of conferences held No of tourism investment confirmed	Minutes of investor forum Photos and documentaries	Private investors	investors	
Total	163.6M						

General Economic, Commercial and Labor Affairs Total

2.297Billion

8.3 Energy and Infrastructure

Energy

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools (Means of Verification)	Implementing Agency	Source of Funds	Implementation Status
Develop and implement a rural electrification master plan	10.M	2014/2015	Master plan	Reports Minutes	CGM, REA	CGM,	New
Construction of a biogas plant	30M	2015-2018	A plant constructed	Reports Certificate	Agriculture Department	CGM	New
Construction of 5Mw power plant	50M	2015-2018	No of MW produced	Reports	KENGEN	KENGEN	New
Alternative Energy Sources for Households	5M	2013-2017	List of available sources of energy	Reports	REA and CGM	CGM	New
Installation of	2.5B	2013-2017	No. of institutions	Reports	REA and CGM	REA and CGM	Ongoing

power to all public institutions in the County			connected No. of transformers installed				
Installation of power to urban centres in the County	2B	2013-2017	No. of centres No. of transformers installed	Reports	REA and CGM	REA and CGM	New
Construction of Kaguthi- Gakarara micro Power project (Ithuri Ward)	10M	2013-2017	A micro- water Project in place	Report Certificates Minutes	REA and CGM	REA and CGM	New
Construction of Ndiara Community hydro power project (Gatanga Ward)	500M	2013-2017	A hydro power project in place	Report Certificates Minutes	REA and CGM	REA and CGM	New
Construction of Gatanga central hydro power project (Gatanga Ward)	500M	2013-2017	A hydro power project in place	Report Certificates Minutes	REA and CGM	REA and CGM	New

Construction of wanyanga hydro power project (Kariara Ward)	500M	2013-2017	A hydro power project in place	Report Certificates Minutes	REA and CGM	REA and CGM	New
Construction of Kagondo hydro power project (Rwathia Ward)	500M	2013-2017	A hydro power project in place	Report Certificates Minutes	REA and CGM	REA and CGM	New
Alternative energy sources for households (solar energy)	1.5B	2014-2017	No of institutions connected	Reports	REA, Ministry of Energy, CGM	CGM	New
Provision and maintenance of new and existing street lights	500M	2013-2017	No of streetlights erected	Reports	KPLC, CGM	KPLC	New
Provision and maintenance of new and existing floodlights	400M	2013-2017	No of flood lights erected	Reports	KPLC, CGM	KPLC	New
Total	11 B						

Roads

In implementing the proposed roads projects, the ministry of infrastructure has planned to gravel 350 KM per year and grade 3000 Km per year from the roads that have been listed on the table below and annex.

On Going Project

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kahaini-Mukarara-Roads E504/E508/E1556/E1559;	1.7M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Road c67/D413 Thika – Gatura and Gatanga – Ndakaini roads;	2.4M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Improvement to paved standard of Mackenzi-Kandara Road;	1.35M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
URA 40 Bridge (C70 Kamurugu - E510 Kaguthi);	2.3M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E1570 (E530 Kagira – D416 Kariua);	2.75M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E514 (Nguthuru- Gakui);	2.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
URA 40 (C70 Kamurugu - E510 Kaguthi);	2.35M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E510 (Kaguthi – Gacharage);	1.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E1573 (Kandara – Karimawaro);	3.7M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
RAR24 (Kandara – Makindi – Karimamwaro);	1.88M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going

Kandara Constituency.	3.4M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E516 (Karugia – Nguku – Turuturu);	1.25M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E1555 (Kibereke-Naaro);	1.45M0	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
E530 (Muruka-Githima);	2.3M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Githiga – Kanyenyaini E 523;	1.4M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Mihuti – Wanjerere – Kihoya E543	1.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Njumbi – Mioro E546	2.3M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Gakonya – Mahuaini – Boyle E559/E554;	2.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Improvement to paved standards of Road D416/E518/URA1; (Kabati-Kariua-Mareira);	2.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
C70/D414/E509 (A2 Thika-Gacharage-Githumu-Kangare);	3M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
D414 (Githumu – DB Thika).	2.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Gatheru -Wanjengi - Weithaga high school (Kahuti)	1.5M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Karichungu - Karingu Sec shool - Gitui Market – Kirogo secondary school – Kirogo – Gitie- Sharambo).	1.3M	2013 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	On Going
Construction of footbridges County wide	350M	2013-2014	No of footbridges	Reports and Minutes	Roads Dept	CGM	New
Total	399,330,000.00						

Proposed Project
GATANGA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL.(Gathuthu Access Road)	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URP 21(Kiriti - Gachogu Access Road)	1.5 M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Gathangari Access Road)	1.5 M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kaweru Access Road)	0.7 M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kiariyuwa Access Road)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 57(Kagiri Access Road)	1,038M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kianguru Access Road)	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Turuga Access Road)	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 22(Mbaki-ini Access Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kigunyu/Gatitu/Ruthiru Access Road)	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E503(Kahunyo - Kiriaini - Nagara-Kiama River)	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Rwegetha Sec. School Access Road)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1561 (Itugi Ithatu/Kiriaini/Mbari Ya Ruga Access Rd).	1,102M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

URA 7 (Rwegetha/Mabae/Kirwara Access Roads)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiangwere access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kairima access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagongo access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatei access rd.	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiriti-Ngangu access rd.	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahurura access rd.	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thare-kairi access rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirwara-Gathaine-Gati iguru	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndiara-Nagara	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukuyu-ini-Kang'ong'i	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachogu access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatanga ward shopping centres	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kondu access rd.	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Micharage access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiria-ini T-plots access rds.	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gathanji T-plots	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiria-ini Tea buying centre-gathuthu pri sch access rd.	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mabae feeder access rds.	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gichumbu-Kigumo access rds.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mabae-Ruthiru-ini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Staircases construction in the ward.	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Storm water drainage construction in the ward	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Constrction of main bridges in the following areas; Gathangari gakiamia;	1M	2014-2017	No of bridges constructed.	Rerports and minutes	Roads dept.	CGM	New

34,720,000.00

ITHANGA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E532 (Hakangasha - Kaguku - Mukundi)	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URF 35 (Jn. E532 St. Teresa's - Ngurunga Pri. - Muthithi Farmers Co-op.)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Jn. E532 - Kirathani - Mama Gachie)	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Jn. E532 - Ha Kimani Gachie)	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL.(Jn. E532 - Mungetho - Ha Wamuraya)	3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Jn. E532 Apostolic Church - Kamuiru	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URF 23(Jn. E532 CDF Office - Mwanja Mbogo - Kanduri Pri. School)	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Jn. E532 Kaguku - Cornerstone)	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Hussein - Nyaitira)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URF 22 (Jn. E532 - Ithanga Sec. School - Rurii)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Ngeleiya - Gachagi)	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Jn. URA 18 - Rubiru - Mavoloni)	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaguku-Keriko rd.	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaliata-Ngelelia rd.	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of main bridges in the following roads; Ngelelia- kaliala bridge; st. Teresa waboro bridge; karenju ndithini bridge; ngomongo mbusyani bridge; Kaguku- kawethei bridge; Kaguku cornerstone bridge; nzula-kasooni bridge	2M	2014-2017	No of footbridges constructed.	Rerports and minutes	Roads dept.	CGM	New

18,700,000.00

MUGUMOINI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL (Hon. Njoroge Access Road)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 43 (Laini - Gatoka Access Road)	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 9 (Kimatu - Nganga-ini Access Road)	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Gatunyu - Kahurura Access Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL (Kigio - Matinga Access Road)	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL(Kigio - Junction Access Road)	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL (Kigio - Ha Pius Access Road)	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL (Mununga - Ngeca Access Road)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL(Kahiti Mugumo Ndogo - Access Road)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 20 (Giatutu - Shopping Centre Access Road)	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. (Four Quarry - Mithandukuini Access Road)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 50 (Ithangarari Access Road)	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Gatunyu Shoping Centre)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URP 10(Jn. C67 - Rwaitira)	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Samuru)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

E1552 (Kigio - Gatunyu)	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Gatunyu-Gicici	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL(Kierari-lthanga access rd.)	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gategi-Wamili access rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Ndugu-Kagori access rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wamiti access rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1552 (Kigio - Gatunyu)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Gatunyu - Gicici	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahurura-Joyland	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Gategi – Wamili Access road	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Ndungu Kagori Access road	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

23,900,000.00

KARIARA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
D414 (Gataka-ini - Karangi - Kimandi)	6.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 53 (Ndunyu Chege - Gitiri (Gathwariga)	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL. (Kimandi - Ngerechi - Kiawamarwa – Wanyaga)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kiganjo Pri. - Rukindu)	1M0	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1557	0.9	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Macanani-ini Gathugu Foot path)	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kiarutara Ithanji Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kamatiri Road)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kiarutara - Kagongo)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Karangia Footpath)	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Njiri Ndungu-Karega access rd.	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugiki-Muhare-Ngerechi rd.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Chege Mwangi access rd-Karangi	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbugiti-Karangi rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kimandi/Bosco/Bc	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of main bridges in the following areas: Kiawamarwa; kwa wairangu (kiama bridge); kiandiu; gatunguru (Kiama bridge); Pluto bridge	1M	2014-2017	No of bridges built	Reports and Minutes	Roads Dept	CGM	New

19,300,000.00

KAKUZI MITUBIRI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL (Ithanga - Chaume - Kihato Road)	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Ithanga - Kahuho Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. (Ithanga Gaichanjiru Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D 424 /E 491.(Kitito - Macvast Road)	0.5	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 492.(Kitito - Kahonoki Road)	0.6	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Macvast - Ngatho Junction)	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. (Muti - Kwa Paul Road)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. (Mukundi - Power Line)	2.M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. (Kakuzi - Greystone - Mwana Wi Kio - Gatwikira)	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kakuzi - Nanga)	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Shauri - Kihukambi - Kahuho - Stima)	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Mwana Wi Kio - Salvation Army)	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kihui - Kenya Cutlings Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL.(Kihiumwiri Land Scheme) - Access roads	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Mwana Wi Kiio Land Scheme)	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Greystone - Nanga Road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kwa Ndoge Road)	0.4	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. (Tara - Githioro)	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nanga-gatuanyaga	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mitumbiri-kakuzi rd. D424	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Jimmy-Kwa ngewa-Mukundi	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugumo-kwa Jimmy	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitangi-ini-Ngatho	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Iyembeni-kaloleni	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Iyembeni-Kwa Jimmy	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Munya-Gati-iguru	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Siranga-Dobra	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngatho settlement scheme access roads	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Grey stone land scheme	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kaloleni-Kwa Peles	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Silanga-Gwi Gituba	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mute sec sch-Kwa Ndom	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rambia-Kaloleni	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Nguracho-Kitumbo	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of bridges in the following areas; nanga gatuanyaga bridge; mwana wikio landless bridge; tala kabuku bridge; gatrikira kabuki bridge; kamurio briddge; Gatwikira Thamuru bridge kwandoge bridge; ginye bridge; muti bridge; hamutune bridge	2M	2014-2017	No of bridges built	Reports and Minutes	Roads Dept	CGM	New
Construction of drifts in the following areas; kwa esther drift; kwa gatuva drift; kwa miatu drift and gitumbo drift	1M	2014-2017	No of drifts built	Reports and Minutes	Roads Dept	CGM	New

29,350,000.00

MURUKA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL-Old A2 Makenji-Nguthuru Sec.E514 Gatumbu	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL E514 Gicira-Kagenyo -Kanyiriini Catholic	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Old A2 Njumbi-Makindi-D415Makenji	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL -D415 Kiranga-Kirurumo - Kiawambutu Primary	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCLR24 Kiawamtatu-Ithiru-Kamwaro	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL-R24 Gatitu-Ngiriini-E515 Giachui	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
R24-E514 Mwanja mburi-Kiawambutu-E514 Mburu Nganga	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Mutura-Gituamba-Gaci river-E513 Ngirima	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL D415 KirangaFactory-Morison-Karumu Primary	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL D415 Makuti-Rukira-Gataiyu-Muruka Secondary	8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL D415 Makuti-Muiru-Kiruthi D415	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL D415 Gituri(ha maina)-Thugi River	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL D415 Muruka Dispensary –Thugi River(Quarry)	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Muruka-Makuti-rukira-gataiyu-muruka sec sch.	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Makuti-Muiru-Kiruthi-Nyina wa badi-D415	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Njira inya-Muruka coffee factory-thugi river	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Njira ya kware-gitare-ini-Thugi	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muruka sec sch-Gituamba junction-thugi river	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muruka sec sch-kamama river-mithiga	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

D415 To mururi-ini-morrisson-gatitu rd	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Masaku(wa flora)-ngugi kariga-makindi river-ndegwa gichimu (gatumbu road)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 muruka shoping centre-kwa fafu-kibunga coffee factory	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 kiranga coffee factory-buko-morrisson-karumu rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 gathangari AIPCA-Ndiarani-kabuere-D415	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 kirurumo-kariara-ini-gacomo to D415 rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 gacomo-karia-ini junction	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngirima nursery sch-ha kaniaru-kaburugi rd junction	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Njira ya mbuku-Gitige-Njira ya gatitu junction D415 rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 gatitu junction-barua hme-behind kiranga pri sch rd	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Mururi-ini-Ha caruthi-mithiga-mucoki nyaga-kiunyu river	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 mururi-ini-Mithiga-Kiunyu river-Ngirima nursery-Thuge rd	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Kiranga shopping centre-kanyiriri-ini-Kiunyu river	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 kiranga shopping centre-Ngirima rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyiri-ini-Ngari muturi-Kamakia rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Kiranga catholic church-rurii-Kamagoto church rd	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

D415 ACK kiranga-gatitu rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 kabuere-Ndegwa mahiga-githunguri-ruceke river rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githama-kandara health centre-kandara shopping centre	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githama-diara-ini rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githama-mahutia (Naaro) boarder of muruka ng'araria ward	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mburu maendeleo-Mburu mwanga	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 Jobee-Ngutheru catholic-Gitau King'ori	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
D415 kahungura-njoga-mosque nguthuru sec sch	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rurii catholic-gatandi river	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatumbo-Makindin river-ha sadam D415 rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Koinange ha waithaka-kabuku river	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirurumo-magomano rd	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirurumo-mburu mwanga	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirurumo-kahiro-mwenje-kiawambutu catholic church	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
145-kiawambutu catholic rd	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of main bridges in the following roads riangechu; Kirurumo;	0.2M	2014 - 2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

Muruka coffe factory; kware; rurii-gatandi; mwania mburi; rianguni- thungi							
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RUCHU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E509 DB Thika E511 Kinyona (Mungaria-Githumu)	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1558 E510 Gathwariga-E509 Gitare	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL D414 Makuti-Gichakayo/Muigariua	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL C70 Ndurumoini-E1569 Gako	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githumu-Karangi-Mariira farm	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gacharage pri-Gacharage dispensary (Karuku rd)	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngurumo ya Thika ridge	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gacharage-Ruona-Gituya-Mutheru	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gichagi-ini-Kiangari-Gituru	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Cicu-Mukangu-Kang'ung'ute	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kangunu rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rugaita rd.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kiamatheri-Karindi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiruga-Kiawangeny	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiandagori-Karangi	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ha Gacheru-Ruathe shopping centre	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaharo-Mung'aria junction	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mung'aria coffee factory-Kiamatheri	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Iria-ini-Kianwe	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mutheru coffee factory-Kwa wa Meri	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ruona-Thuge rd.	0.4M.	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibage-Magomano rd.	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muri-ini-Kiamatheri bridge Kahiga-Mukangu bridge Ndiara river bridge Ruchu river bridge Kiganjo-Kairi-ini bridge Kirigithu-Kaguthi bridge Kaguthi-Gacharage bridge	1.5M	2014-2017	No of bridges built	Reports and Minutes	Roads Dept	CGM	New

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NGARARIA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
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Uncl.C70 Ngararia-E1555 Naaro	5.1 B	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.C70 Kawendo-E513 Kariru	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.E513-Kariru-Kirarii-Ngararia Pri.	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl URA2 Kaloleni-Kahara-Gitige	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.C70 Kwamarima-E1555 Naaro-Kiriko	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl E581 Mugecha Jct.-Kibuu Nursery kwa Muite	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl.E513 St. Christine Pri-Mwachigi farm	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.E513 Motel/Giathita-E1555 Joviol school	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.URA Z Hamweji-Ngararia/Naaro C70	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.Kaburugi-Kanjama-Kwa Muite	5.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.Waitua Rd. - Kiriko Road	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl Kawendo Pri-Kahara village-Gitige	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahara –Forest Road Gitiri	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugecha pri –Mathuri – Kaburugi pri school	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mahutia-Kiriko Police station	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kariko village rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kaharo village rd	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngararia shopping centre-Mugira-Ngararia coffee factory	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngararia shopping centre-Mugira 2	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahai-ini shopping centre-Coffee plantation	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

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ITHIRU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E157D415 Orpharnage-E1568 Mukuria	7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.E1574 Gatundu-Githuya/Kiriko/Irima	7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl Sunset-Giichanguare	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Makindi-Kiiri	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Kagongo Primary-Kandara Police Station	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kandara Water Supply-Kanjumbi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanjumbi-Kiiri Ack Church-Gwa Gachuhi's	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mahinga-Kiratina-Mukoe Catholic Church	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mahinga- Kianjeru-Githuya	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gerald-Gaaichamangu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kandara Primary-Kirunguru Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachunga-Andrew main road	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kageni-Lower Kiriko-ini Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Kirarithia-Sunset	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Kiraritha-Kiriko-ini- Huriini	3M	2014 - 2017	No of KMs	Reports and	Roads Dept	CGM	New

			done	Minutes			
Wakimanis Muti wa Ngai-Jim's Mukina's-Eliezos House	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githuya- Kahata Road	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Pastor Wachira-Kiguoya Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Miiri-Kiguoya-Sospeter	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiguoya-Githuya-Makindi Footpath	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Ichahaya-Kiguoya	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Githuya-Makindi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagunda-Munyu-Kiguoya Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahata-Gakui Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

E1574 Orphanage-Kamaliza-PCEA Gatundu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiiri Primary-Asst Chief's Home-Mr Kagwi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiguoya Nursery-Kiguoya Primary	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kariuki Githinji-Mwangi's (Cowboy)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thumbi-ini-Kirunguru	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakarara Primary-Gakari	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mathingira-Kimiri	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Hui-Kianjogu-Kibereke	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Charagu-Unjiruini	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Lower Unjiruini-Kariko-Kibereke	1M	2014 - 2017	No of KMs	Reports and	Roads Dept	CGM	New

			done	Minutes			
Ruchu-Muruguru	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigathi-Mutunduini	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karogi-Ruandungo	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Riandungo Shopping Centre-Gathugu Primary	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathugu Cattle Dip-Kibururi-Gathugu Posho Mill	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rwambo-Asst Chief office Gakarara	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirunguru-Ruchu-Riandungo	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaguthi Shopping Centre-Gathigira Catholic-Kaigwima	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaguthi Shopping Centre-Kaguthi Primary-Kaguthi Catholic Church	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Fofoti Footbridge-Kaguthi Akorino Church	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wagethu-Njihia's	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kimani-Kangengu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamunyaka-Giichangure	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamunyaka-Muhuhi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muhuhi-Kiguoya Shopping Centre	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitaiga-Kiguoya Primary	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitaigia-Githuya	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl.Kirigithu-Fofoti-Mururi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Uncl. Kirigithu-Gachii-Gwakamami	1M	2014 - 2017	No of KMs	Reports and	Roads Dept	CGM	New

			done	Minutes			
Kirigithu Primary-Kaguthi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rurigi-Rwathe	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nudge Kimberley-Nyagakui Footbridge-Gathugu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwangi Wa Wanjingiri-Gicumbi-Karembu-ini	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyongo (Karembuini Pry)-Wakunyora-Ruchu-Kaguthi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gichumbi-Wanjingiri Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Chege Kaniu & Ngomi Footpath-Ruchu Kaguthi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karembuini Primary-Kangengu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbagi Footpath (Kaguthi/Gakarara Scheme)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gathura-Kimani Wamari Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagiko Njaramba-Kamahiga Well Footpath	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Machugus-Kieni (Gathugu Project Intake)	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Njoroge Kanyi Wakunyora Footpath-Karembuini Primary	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Giicangware-Mahuthu's-Kaguthi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathigira Boboti-Kirigithu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kimani Muiruri Boboti-Gathugu Kirigithu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githioro-Kanyiriri Stream- Kirigithu Area	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaiciaruga-Kagono	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamae-Gitandi	1M	2014 - 2017	No of KMs	Reports and	Roads Dept	CGM	New

			done	Minutes			
Karimamwaro AP Post-Mikui	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyama-Thunguri Village	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thunguri-Kagono	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thunguri-Kieni	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyama-Karuhiu Utheri Coffee Factory	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mutitu Plot-Gakira (Kirugi)	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
AIPCA Kagono-Mikinyathwe Bridge	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamoro Nursery-Mutitu Kariti Footbridge	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbari ya Materi-Utheri Karuhiu Coffee Factory	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kieni-Matiraini Shopping Centre-Kiiri	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mitati Junction-Kieni (Rev Kugwa)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakui Coffee Factory-By Pass	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakui Secondary-Gaitua Well	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukoe-Kiangiti	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukoe-Githuya	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukoe-Gituya	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagono Shop-Gatandi River	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githama-Mathiuthi(Karanja Muchina/Kioni/Wakarenge)	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

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GAICHANJIRU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E516 C71 Karugia-Githima-Nguku-C70 Gituya	5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Kagundu - Ngurwaini	3.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Gaichanjiru - Kagira	5.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mutoho-Gaichanjiru-Ndiriini	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nduka Nguru- Kagumoini-Gaichanjiru Highschool	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Manjuu-Kagumoini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagumoini- Kiamathanju	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Manjuu-Mariaini	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagumoini-Muthitha-Ngurweini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagumoini- Gaitanga	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitambo-Mutoho	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndiriini- kagunduini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaichanjiru pry-Kagira coffee factory	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndiriini-Gakayu	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gaci river- Ndiriini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagira-Ihururu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagira-Kariara coffee factory	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagaa-Ngurweini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngurweini-Muthitha-Mariani	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagira- Thagari	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thagari- Turuturu	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngurweini-Gakoigo	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mariani- Karugia	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngurweini-Gitira-Karugia	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngurweini Shopping Center- Ngurweini Sec school/Kawanjeru pri school	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gituya-Githaiti	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kariua-Gituya	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatituini-Kariua	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githigi-Muthitha	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Ngurweini-Kagira	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaitanga-Manjuu	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Riandera-Ngurweini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karugia-Ihigaini-mariaini	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kongo- Kariua	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaci river-Gaichanjiru Highschool	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kihaaro-Githaite	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagira Nursery-Gakayu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagira-Mahuria	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagaa-Giathambu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wangai Catholic Church-Manjuu	2.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakoigo-Ngarakinga	2.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngurweini Cath. Church-Gitira-Karugia	2.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

52,700,000.00

KAGUNDU-INI- WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL. E1575 Kareti sec sch. Gatuikira	5.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Old A2 Kabati-Gitathi-D416 Uachegecha	8.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatwikira-Kariti-siranga Dam	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githunguri cattle dip- Manyungu	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Riandegwa-Kanguri Wa getheya	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibiku-Kenol	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mahuria-Gwachuma	-	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibiku –Gaci River	-	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabati Githunguri -Kinyoho	-	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabati-Matutu -Machegecha	-	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Riandegwa-Gwa Kangethe-Githunguri	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Riandegwa-Kanguri-Wagithiyya	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabuku-Tosheka-Gachi river	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabuku Scheme-Gachi river	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngambu-Gaci-Gaitho	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kwa Mali-kagundu	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaci river-Muhuti-ini-Kabuku	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanguru-Mahuria	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibiku-Gaci river	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagundu-ini chief-Ndiri-ini	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagundu-ini mkt-Githima road junction	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Waitathu-Mai-ini-Kabuku river	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gati-iguru-Ng'ang'a Muchogu	0.3 M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagia-Machengo-Ndakai-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamwangi-Gitura Coffee factory	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Macaku-Gwa Kagichu	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githunguri-Kwa Hiram-Kabuku river	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Duka Nguru-Gaci river-Kamau Wanugi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabati-Wachuriu-Ndaka-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

26,400,000.00

RWATHIA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
NYAGATUGU-KIBAGE-KAGAITA-KIIRINI-RWATHIA	1.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kayu shopping centre-Kagondo River	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wa G.G Access road-Kihoya-Kiawambogo	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyachi-Gikomboki road	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gichobo-Matuiku road Gihuru-Mucharika	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndegwa -Ngunguru-gachami-Micharange	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiawambogo-Nderi-ini- Kiruthikiira-ini-Rwathia	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kenya Njeru-Githiabu-Kahuro-Gatwe-Karurumo	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gutuamba-Tatu-Kamugwongo	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Makueni-Irura-ini- kwa Wakanyingi	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wanjerere Catholic church-- Thangathe rvr-Kiangari	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwisho wa Raha- Inatake water	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githini-Kiangari	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kiamungi-Githiru	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Damaris-Barara road-Kirundu-ethan rd	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiawambogo-Mutara-Tuthu	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Tuthu shopping centre Wainaina	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gichobo-Githunguri-Mucharika	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wanjerere pri-Kiangari tea buying centre	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wanjere forest station-Wathani tea buying centre	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiawambogo police post-lthanga	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyachi-Inoro-ini rd.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thangathi-Wamumu-Waiganjo	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiawambogo-Ndiri-ini rd	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wanjerere pri-Kiangari tea buying centre	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wanjere forest station-Wathani tea buying centre	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiawambogo police post-lthanga	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyachi-Inoro-ini rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thangathi-Wamumu-Waiganjo	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Matara-Tuthu rd	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibao-Vothiti police post-Kagondo river	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirubi Chege-Karima-Rwathia-Kenya Njeru	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyenya-ini-Kiawambogo-Kihoya rd.	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wanjere-Tuthu rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaweru rd.	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gwa Karuri-Forest	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibao-Kwa Njong'i-Rwathia	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachogi-Mathioya river	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kihoya-Gatunguru	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyina wa Monica-lthanga	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
All roads leading to learning institutions in the ward	6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
All footpaths in the entire ward including staircases	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of gabions in the slopy areas to curb erosion.	1.2M	2014-2017	No of gabions done	Reports and Minutes	Roads Dept	CGM	New
Kagondo bridge in Kiawambogo	0.5M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New
Mathioya river at Tuthu	0.5M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

Mathioya river (Karima-Kanyenya-ini)	0.5M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New
Gondo bridge	0.5M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New
Kwa Vuta bridge (Kiawambogo)	0.5M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

44,000,000.00

MUGURU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Njana foot bridge -boyorvr	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiangombe-Thangathi foot bridge rvr	2.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndiara foot bridge	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct E540 irima-kanorero kangema pry sch-Gaite-Gikura	2.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URP1 Karikonda-githunguri karugia-karirau	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Irima-Gatitu-Kiamuthe tea buying centre	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karugia Kari-ini-Shella	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct E 539 Gaite-Thieikwa Gikura-Mbari	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct C70 Irima -Matuku-ini Gakoigo Church	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
JCT E 539Githunguri-Ndune-Cera	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Jct E539 Gaita-Ngari Shem	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ihiga-ini-Ndugururu	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct E539 Kangondu-Gitindiri	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct D422 Kioho-Mirichu Githiga	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
All footpaths in the entire ward including staircases	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of gabions in the slopy areas to curb erosion.	-	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mirichu pri-Mukungai river rd.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanorero-Kibango rd.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibango-ihiga-ini-Thugururu-Thangathi coffee factory	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamuya-Kiganjo-Iyego main coffee factory	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigera-Gaita nursery sch.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Njoki Suleiman rd-gacharaigu	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiamara-Mununga-Mukarara	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Watoro-Mwangi nyingi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

21,000,000.00

KANYENYA-INI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Karurumo Forest-Mugumo-Ini - Mathwe Bounder-Kiharu	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct Gwashem-Karura	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibutha Shopping Centre-Githiru-Githiga	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct T 3653 Kahingai-Mutaro-Kiahuho T.B.C	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct E 1587 Kieni-Kingui Jct-E511	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ihiga-Kayawe Rvr-Mugumo-Ini T.B.C Jct E 523	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct E523 Gachoroma-Mutuya-Ini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct E 523 Kihuti-Ini-Mbari Ya Hiti	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct D422 Kawariua-Iria Ya Kagugu Jct D422	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
King'oi-Kieni rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugumo-ini-mathwe	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Tudumu-Kamakwa	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kieni-Kiangochi rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Lake Kagugu-Kawariua	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kawariua-Lake Kigumo rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Mataka-ini forest-Gathunguri rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwembe Tayari-Rwambogo-Mathioya	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiruri-kangari rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Tundumu-Ngoe-ini rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
d.Kangari-Ngoe-ini r	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamau Gathai-Gikumbo rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikigie-Karura rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachai-Karura rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatitu-Gitare rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githiga-Kayahwe rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatang'ara-Kimiri-ini rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Iregi-Maribii rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
.Kanyenya-ini-Kiaruta rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugumo-ini-Ngoe-ini rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Weru-Gitaro rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kawariua-Hawanja rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kawariua-Chief Martin rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyenya-ini-Kiaruta rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Weru-Gwa Thuku rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiharo-Igwe rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyenya-ini-Kiruri-Karurumo-Ichichi-Kinyona	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karurumo-Ichichi bridge Mugumo-ini-Ngoe-ini bridge	2M	2014-2017	Bridge constructed	Reports and Minutes	Roads Dept	CGM	New
Renovate Kanyenya-ini and Githiga bus stage	0.5M						

30.600,000.00

GATURI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL. JCT D429 Ithare - Matongu Pri school	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Matongu-Jct 429 Kimathi Market	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Kimathi market - Gachura	5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT D428-Kaigwa Primary school	5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL. JCT D428-Murio Wanda Cattle Dip-Mathioya River	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT D428 Green-Ndurumo	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT D428 Kiambuigi Markert - Murio Cattle dip	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT. R.AR8 Gaturi Catholic - R.A.R 8 Kabuta	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT.D428 Hakamama-JCT E554 Kabui Primary School	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT.E554 Gichue-JCT R.A.R8 Gathanji	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT D428 Gakurwe market - JCT 426 Kwamambere	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT E554 A.C.K gatitu-JCT 540 Thuru Thuru	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT D428 Kahigaini-Gacirago Coffee Factory -URP Gaitheri	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT D428 Hakamama - JCT E553 Geitwa	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Kimathi School-Gituahiu	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. JCT.R.A.R9 Kigetuni sch-A.C.K Kimathi	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Mwirua-Kangure Forest	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwirua-jambo bwana	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigetuni-Mitundu	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabuta-mahua-ini	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kamahindu-wangaita-Kigetuni	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigetuni shopping centre-rutune Pri sch	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigetuni dispensary-Giatha village	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githanga Pri sch-Kwa Wandauti	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githanga pri-Miiri-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaitheri Shopping centre-Kwa Nyoro	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathukei-ini-Gaturu mbari	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakurwe sec sch-Gachirago junction	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muringa shopping centre-kahiga-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakira-Mugeka dispensary	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugeka junction-Karaha bridge	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Corongi-kwa mathu	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabui shopping centre-Ngii-ini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabui shopping centre-kahero	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakuyu junction-Munyu village-ha kamama	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabui pri sch-Njiku-kahero	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Mweru pri-Kwa junction-mathioya river	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Junction mweru-upper mathioya	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabui pri sch-mathioya bridge-kambarara	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karinga deliverance church-Karinga cattle dip	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karinga nursery sch-Kiamuri pri	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Murio wan da-Kimuri pri sch.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiamuri pri-Gwa gatemi ridge-murio wa nda	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaweru mkt junction-Ichanjeru-Kimangu	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ichanjeru police station- Ichanjeru factory	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gaturi pri-mahua-ini junction	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Itara-mibau-ini	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahuruko-Ngonda-Mibau-ini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigoko pri sch-Kiahiti	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mitundu shopping centre-Gatitu pri sch-Kwa Muthii scheme boundary	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamwaha mkt-Karaha-Mathioya river	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karaha junction-Kabuta ACK church	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Mathioya bridge-Karaha	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kabuta mkt-ACK kabuta-Matunguru	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Matunguru junction-Gatabara-Kimathi kiosk	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa muthungu wa baki-Sagana bridge	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rutune shopping centre-Gwa Kibandi	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rutune apostolic church-Kwa njogu-Kwa wa mugechi-kigarini-Kwa wakimamu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rutune apostolic church-Kwa njogu-Kwa wa mugechi-kigarini-Kwa wakimamu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamahindu-Gicii junction	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Upper nyakihai ACK church-Mwirua	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwirua-Githundi pri sch-Nyakihai shopping centre	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyakihai catholic-Gwa Chief kibiru-Mathioya	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githundi pri-Mibau-ini-Mathioya river-Mwirua bridge	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirima-Kambwe-Mathioya	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirima-mwirua	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa mucheke-kagundu-Gatumiro	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Forest-karia-ria kaingi	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa mateng'e-Gwa gatembu-Mitundu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

63,300,000.00

MBIRI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL Gikandu Market-Gakindu	3.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
JCT440 Ndikwe-Gathangaini	2.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL JCT D426 Kambirwa pri sch-Maragua River	4.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngaini-Kanjuya	3.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikandu-Gathamba rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kayahwe-Gitei-Kiawambeu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambwe-Gitungano	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanjugu-Karemai-in rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Embassy-Gikandu rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambi-ini-kirurumo-gaitega rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

17,100,000.00

MURARANDIA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL. Matharite Town-Kayahwa Kanyenyaini	2.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Kamwiyoni Village-Gathamba Tea Buying Centre	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jct E522 Karuini-Jct D440 Murarandia	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jct.D440 Gatuya-Jct E525 Kahithe Secondary school	6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jct.D422 Angola Tea buying centre - Kaganda Sec School	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathaiti-Mukeu	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kairi-kaganda	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thenge-ini-Gatuya	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gathambara-Ngui Kenda	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahithe-Gitiri	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kairichi-kayahwe	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Inoi-Kianda gia ithanwa	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Their sec-Karii rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahatia-Mukaragati	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Their sec-Ngoigo-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukumu-Kihururu rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukumu-Mathanji	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kierere-kairegi rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Matharite-Githiga	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mathanje-Pithon	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kairichi-Gichu rd	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Githambo-Karia	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatara-Ngurumo ya Maragwa	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukeu bridge	3M	2014-2017	Bridge construction	Reports and Minutes	Roads Dept	CGM	New
Gatuya bridge							

30,400,000.00

MUGOIRI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E524 Kahuro-Githagara	3.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Yamugwe-Rugaita-Mirichu Pri school	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Githagara-Kiumba-Githioro-Mitarakwa coffee factory	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Gititu-Kiria-Ngaru-Muchuugucha	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
R.A.R 5 Mugoiri-Mbari ya hiti-Gitiri-Kahuro	3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Kiaguthu-Kiboi-mutitu	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Mutunduru - Dr.Kiano Sec Chool	84,000.00	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL Kagira-Yamugwe	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Gitiri - Githunguri	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Gititu-Kamaguta-Kiratina	2.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Githiro-Munyutha-Kiria(JCT D421 Kagumo School	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Mugoiri High Sch-Kinyoho-Mbari ya Hiti	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbari ya hiti-Meopotamia	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndutumi-Mugumo-ini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndutumi-Karima	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Komba-Gachie-Yamugwe-Kiahare	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiratina-Miumu-Gititu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Sheet 1 & 2	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githioro-Maragwa	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathiru-Mbari ya mbogo	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Yamugwe-Gataro-Ngandu-ini-Kamoro	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Paul-Kambuku	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
	0.6M						

Gitaru Pri-Rwaro	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatundu pri access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiaguthu-Gathama	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiaguthu-Kagaa	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiboi-Kahithe-Kaharo	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaharo-Kiayata-Kahuro	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Miricho-Mbari Ya kiiru	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngaru-Muchagara-gakira	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gwa staff-JJ acces rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatani-Mbari ya hiti	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Miembei-ini-Kiriti-Ngandu-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitiri-Kianjogu	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Irewa-kambuku	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Murai-Kaihungu	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitaru-Mugwa nyoni	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiria-Mbogo	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gatundu shopping centre access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiria shopping centre access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahuro shopping centre access rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiria-Kamaguta	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

36,084,000.00

TOWNSHIP WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL Mumbi-Kambwe	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Huhi Petrol Station-Mjini-Mukuyu	4.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Mukuyu-Majoyce	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Kandu-Kiharu	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 6 Maragi-Embassy	4.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
JCT E534 Miyembeini-Karindundu Quarry	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mortuary rd.	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

View point estate-Muranga high school via Kangema rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Total petrol station via kiharu university	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kongu-ini-Mumbi	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
All the feeder roads within the ward in the following areas: Njogu-ini, St.Mary, Kiharu estate, Gathitha, Giathinwa, Mumbi, Mjini, Kongu-ini, Majoyce, Kambwe, Kandundu, Milimani, Government quarters within sports club, Kiangage, Embassy, Karindundu, Mukuyu & within back streets and market areas.	10M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambwe-Kamuiru bridge	3M	2014-2017	Bridge constructed	Reports and Minutes	Roads Dept	CGM	New
Constrction of Bishop Kairu mjini foot bridge	1M	2014-2017	Footbridge constructed	Reports and Minutes	Roads Dept	CGM	New
Renovation of mukuyu and sagana stage	0.5M	2014-2017	Stage renovated	Reports and Minutes	Roads Dept	CGM	New

29,800,000

WANGU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL Gathinja Market-JCT E1584/1585 Muirigo	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Koimbi Market - JCT E1584/1585 Wanjengi cofee factory	2.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL (Loop) Koimbi Pri Sch-Koimbi A.C.K Church	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL JCT E537 Gitui-Gacharu-Gitige A.C.K Church	140,000.00	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Kayahwe River(R.A.R 5A)-Kirogo Sec	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Jct E537 Gitui-Gacharu-Gitige A.C.K Churuch	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E539 Karichiungu Coffee Factory-Mukungai	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL JCT E539 Mukungai-JCTC72 Mukangu primary school	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Hangumba-Gitui-Gatheru-Gatundu	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL JCT.C72 Gitweku-Mbari yaThuku	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E437 JCT.D423 Maragi-Weithaga	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Koimbi Junction - Kahuti trading center patching & recarpeting	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

13,840,000.00

KAMACHARIA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL.41 Keni-Kairi-Gachirago	4.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.32 Kagwanja Pry Sch-URA2-Kamacharia	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jun D428 Kagwanja-Kairi -P C E A Church	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D428 Kamacharia-Ihiga-via mbari ya ngechu	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL 5 Keni-Kamune	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL 62 Kihoni factory-Gaithunu Pry Sch	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Tvuri dispensary-Karugiro-Iria-ini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Mbari ya Nyaga-Karugiro cf-Thuita Pry Sch	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Ngurweini-Gatura	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jun E553 Iruri-Jun URA4-Thuita	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D428 Hajoseph-Gacibi	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Kamacharia-Kiburu-Gacibi	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Ngurue-ini-Kianjoki-Gatura	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Wakabene-Kiria-Rwarai	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamatu-Wachiri-Kamacharia mkt-Kamacharia sec sch & pri sch	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamcharia shopping centre-Mararo bridge	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagwanja pri sch-Wairiuko-Kamacharia mkt. Mukui-Wairiuko	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamune-rwarai river Njaga-Rwarai river-Kamune shopping centre	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ria Kiberu factory-Ngamba-Ngechu rd. Ria Kiberu cf-Wakibata rd.-	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gathungururu-Mumbui-ini bridge							
Iruri-Kamune rd. Iruri-Irigui-ini rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kihuro dispensary rd. Kihuro-Ass chiefs hme & Wakibata-Ngamba	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
All feeder rds to all shopping centres in the ward. (Kairi shopping centre Kamacharia shopping centre Iruri shopping centre Kamune centre Thuita shopping centre Mununga shopping centre Gachibi shopping centre)	3.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikindu-King'ara rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikindu-Rari rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wairiuko-Kiriithiru church	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanorwe-Simon rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Richu-kanyingi via kanorwe	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ruthi-Kirurumo coffee factory	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukui-Wairiuko rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirungu-Irima rd.	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Iruri-Kamune rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugeka-Kiria-ini mkt	5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Keni-Kamune & Keni-Kairi rd.	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
All roads connecting pri sch, sec sch & youth polytechniques in the ward.	6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kang'ong'i-kagumo-ini bridge Ndurumo river bridge Thuita-Ndurumo bridge Miriam target pri sch bridge Kairi bridge Wanyari bridge	25M	2014-2017	No of bridges made	Reports and Minutes	Roads Dept	CGM	New

66,100,000

KIRU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL. URA2 Ruma ruma -New city	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E540 Managa-ACK Church	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E540 Kagumoini-URA2 Kagumo-ini	1.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URP25 Bagdad-Warugara Shopping Centre	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URP25 Kirigu-ini Kaharo tea buying centre	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL Equity Kiria-ini-Ngarange C70	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

E540 Kagumoini-E540 Managa	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.14 541 Kiriko-E541 Kiriko Pry Sch	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. C70 Waranga-Kiru Sch.	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. URP25 Irima TCC-Gachuha bridge-Gatiki	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Kiangugi-Mwangathia Shopping Centre	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Maria-ini - Ireke village	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Gitwe-Kairo-Kabokoe	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E511 Kihari-Ndundu-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jct E511 Kiamuturi-Nguru-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Jct E511ruru-Jun E511 Hembe	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E511Miro-T3651 Kiamahindu TCC	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. T3651 Muthangari-Muthangari PrySch-Kiriti ACK Church	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

12,000,000

GITUGI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E542 Gondo-Kanjahi	3.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL. C70 Mihuti-Kirimiga	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 Wangondu-D427 Muiri-ini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E1592 Karia-ini -E1592 Thakumi	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Access-Ya Karengo-Nyangiti-Police &H/C	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 Kanoru-Mukui	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E1592-GITUGI-GITUGI H/Centre &DO'S	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1594 Thuitu-Kanjahi	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 Muirimi-Mathioya	173,500.00	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E546-Mutunguru-Kiandarwa Kagongo	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. C70 Kangunu C.Factory-Kairi-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 Nyagacheru-Mathioya-Kaheta	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E1594 Chui-Karuku-Kiruyu	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 GITUGI-E1594 Kirembu	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. E1592 GITUGI-Kihiti-ini	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 Kang'ongi-Ihara	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. D427 King'etho-Kinguri	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL. 58 E1592 Kambara-Kangui	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ruiru-Kwa Gathiru	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ruiru-Kwa Wabere	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathiru-ini-Mathioya	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Mwaniki-Kiangoma	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Bosco-Kiangoma	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Evan-Ya Karengo catholic church	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Wanyagah-Kagumo coffee factory	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Wanyagah-Gikunguru-Kwa Hilary	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Ngotho-Kwa Nyaruiru	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Ngotho-Nyangiti ACK church	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyangiti-Kambara-Gitugi	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gwa Thiong'o-Kiawanduma coffee factory	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiawanduma-Mathioya	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambara-Gathambara-Gakambura	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kam bara-Mathioya-Mukurwe wa Nyagathanga	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kwa Mwai-Kieni	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitugi-Kamatuto	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karuya coffee factory-Kihiti-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
ACK matuto-Mathioya	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyeki-ini-Kahuria river-Karung'e	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karuya coffee factory-Kahwai-Kanjahi	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitugi girls-Nyakuru river	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitugi girls-Kigukumo	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitugi girls-V-Nyakuru river	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanjahi-Mathioya	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wairia-Mathioya	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wairia-Gachiro	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitongu-Kahuria coffee factory- kahete coffee factory-Gituri (Mihuti)	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gitongu sec sch-Muirini	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muirini-ini-Ngutu muslim mosque	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahuria coffee factory- Gataragwa	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gataragwa-Prof. Ngotho	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karung'e sec sch-Kahete coffee factory-Gondo river	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gondo-Ireke tea buying centre-Gatunguru	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikoe catholic church- Kairi-ini tea buying centre-Kairi-ini ACK/Nursery	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyakianga shopping centre-Kairi-ini	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugumo-ini-Gatunguru tea factory	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatunguru-Aberdare cottages	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muiri-ini-Kanyiriri	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyakianga-Gondo river-Kayu coffee factory	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikoe tea buying centre-Kahindu-ini	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githimi-Gataragwa	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ihara-G Ithatu Njumbi-Kayu coffee factory Kambara-Mukurwe wa Nyagathanga Kahuria-Kanyeki-ini Kahete coffee factory-Gituri Gituri (Mihuti)-Kanorero Gatunguru tea factory	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Ngotho Gabion King'etho gabion Matuto gabion Gwa Thiong'o gabion	5M	2014 - 2017	Cubic metres filled	Reports and Minutes	Roads Dept	CGM	New

Kairi-ini gabion							
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NGINDA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
G1 Maragua Hosp-Jct D419	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 1 Jct G1 Gikidu-Jct D419 Nginda	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 2 Jct E528 Irembu Mrt - Nyerere ACK Chrch	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E527 Jct D419 Karimaini-JctE528 Kaharo	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 4 Jct E528 Kaharo-Kaagio	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 7 Jct E528 Itaaga-Kareti	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 8 Jct E528 Kirundo-Jct E528 Kwa Mbui	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 9 Jct D420 Nginda Girls-D421 Iregi	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 14 Jct D421 Gakoigo-Ikondo	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 17 Jct E529 Gataga-Jct D420 Kigoru	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirimai-ini-Kaharo bridge Kirima-ini-Irembu bridge Irembu-Kaharo bridge	10M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

22,068,971.00

MAKUYU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
E532 Jct D424 kirimiri-Kangacha shopping	5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 2 Jct E532 Miuu-Jct D424 Kakuzi	3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 3 Jct URA 7-Ndera Pry Sch -Ciumbu Mrt	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 7 Makuyu Girls sec-D424 Makuyu	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 6 Jct RAR 21 Pundamili-Ngathaga pry sch	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 7 Jct URA 8 Makuyu-Pundamilia Mrt	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 8 Jct D424 makuyu-D424 Pundamili stage	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mutithi-Ngurunga	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mutithi-Kinoo	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugumoi-ini rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Makuyu-Gathaiti rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

15,000,000

KAMBITI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Unclassified 2-Jct A2 Kwagendo-Masina A	3.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 3-Jct URA 28 Kanoo-Gitune	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 4-Jct URA Slaughter-Jct A2 Kasethe	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 5-Jct A2 Kwa Jacob-Gitune	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 7-A2 Kambiti Pry Sch-Muthaga Farm	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 9-Jct 533 Ngaruya-Wakoge	4.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 10-Jct 533 Githioro-Muthaga	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 11-Jct 533 Kiambamba-Mataka River	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbombo-Gwathamaki D424	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Chiumbu-Igikiro rd.	2.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiambamba-Prisons	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karia-ini-Gathanga	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigoro-Muchagara (Kianda rd.)	2.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambiti-Gitune rd	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kawamanda pri-Thaara river	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

49-Karia-ini sec.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambiti-Matheng'eta-Dip-Maranjau prison	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndoromo bridge (Thaara river); 49 road-Karia-ini sec. bridge; Kwa Mwachegi to Maranjau & Dip to Maranjau (Kambiti-Matheng'eta-Dip-Maranjau prison rd.); Gitune bridge	12M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

37,100,000

KIMORORI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Unclassified 1-A2 Mitin-Kakuzi-Kanyagu	6.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 2-A2-Kenol-Mangoto	3.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 3-Jct E1577 Kagaa - Makeu	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 4-Jct D416 - Githanji Pri. School	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 5-Jct D416 CCF Mithi - Magoto - Ngimu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Access road connecting Ngimu village to Karungangi foot bridge	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified A2 Miti-ini – Kakuzi – Kangangu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Unclassified Kangangu–Jct Magoto Pri.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Jct Magoto – Gikono Market	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Jct Magoto – Gikono Market thru Kwa wanguku	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Gikino Market-S.Gichohi Pry	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified Jct Katipanga – Mangoto B- Kangangu	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified A2 Katipanga – Karungangi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified D416 Nginyi – Mangoto – Kangangu	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jct Mangoto-Mangoto pri	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karungangi-Mangoto A via Kakuzi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1577 C71 Via Kagaa-Kangira-Makuyu	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagaa shopping centre-Makeu	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathungururu via Gathungururu village-Athara-ViaShangai-kagaa	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Makeu-Kaboro Njui-Karigu-ini via Kwa munyau.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathungururu pri sch-Marura	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
A2-Junction E1577	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
2-Kagaa shopping centre	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

A2 St.Michael-Kagaa shopping centre-Makeu	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngimu-karung'ang'i via Kwa Wa thiong'o	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ngimu-Katipanga dispensary	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikono mkt-Kangangu village	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kangangu shopping centre-via Kangangu pri-kwa Wamukonde	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kangangu shopping centre-via Kwa Nyato-BAT	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa Warugano bridge Ngimu-Kangangu bridge Kagaa shopping centre-makeu bridge	9M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

44.200,000

ICHAGAKI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Unclassified 1-C71 St Mary -Jct E530 Mugumoini	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 2-C71 Maragua-Jct URA 23 Mathuthini	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 27-D424 Itherui -E 1581 Kaharati Pry Sch	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 36-Jct E529 Itara-Kiriti-E 528 Githambara	1.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA70-E530 Munguini-E1582 Githuya	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Unclassified 3-Jct D419 Gikomora-Gitige-Jct D419 Muthithi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 4-Jct E530 Maragua-Ikuyu-Mugumo-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 5-Jct E530 Githugu-Kiamakumi	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 7-Jct E529 Kamira-Jct D418 Muthithi	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 8-Jct E529 Ichagaki Boys-Jct E528 Irembu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 9-E529 Ichagaki Mrt-Jct E1582 Githuya	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 10-E530 Kianjiru-ini-Mugumo-Gititu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Unclassified 11-Jct URA 36-Jct D419 Gikomora	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 23-C71 Muthuthini-D424 Small Earth	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 25-C71 SDA-D424 Itherui	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gikomora cattle dip-Nyamukumbu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathigi-Giathieya rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatundu-ini-Maria-ini via Kariara	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatundu-ini-Fost rd.	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamucehru-Gaci rd.	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kibiriri-Kianjiru-ini	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Gitige-Muthithi rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nduru-Muthithi	0.9M-	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gwa chere-Itaga rd.	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyeki-ini-Kigoru	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githigi-Kandigiri rd.	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gichuya-Gichugu rd via githigi	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Giathieya-Mumbu pri sch via githuya catholic church	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamuiiri-Kware rd.	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbombo-Igikiro rd.	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wairuri ACK feeder rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ichagaki mixed-maragua town via Kirungu Maisha mathi	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

22,700,000.00

KAMAHUHA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
UNCL. Hamambo-Jct Kahaini Primary school	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Hakamundu-P.C.E.A Wathiani	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL. Muteithania-Gathuri-Gaturi-Karugia	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Hakabii-Wathiani Primary School	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Igikiro-Ndorome	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. Kamahuha-Thara Bridge	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. 1 Jct URA 67 Igikiro-Nyongo-Jct Iganjo	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL. 3 Jct URA 67 Iganjo-Quarry	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E1581 C71 Kaharati-D424 Kamahuha-C71 Saba	1.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.7 Kiha PCA Church-Jct D 424 Kamahuha	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL 8 Kamahuha mrt-Kahaini lwr-Jct E1581	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.11 Jct E1581 Kahaini upper-Jct E1581 Nyagati	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.14 Karathe Mosque-Railway line Thuita Pry Sch	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.16 Jct E1581 Railway-Jct 1581 Sabasaba	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamahuha-Igikiro-Mara njau & Sabasaba-Kamahuha, kamahuha-makuyu & kaharati-kamahuha	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Spots improvements in the entire ward	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.14 Karathe Mosque-Railway line Wathiani Pry Sch	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

UNCL.16 Jct E1581 Railway-Jct 1581 Sabasaba	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Iganjo-kanderendu rd	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Iganjo-quarry access rd.	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
PCEA-igikiro-Gathimi rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Igikiro-Gakanga	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiamwenje rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Igikiro-karura forest rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Igikiro-Mikuyu rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Igikiro-Mutharaba-ACK nyati church rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Siranga-Kiha rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mboga njega karu- Thaara catholic church rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamahuha-Kiha PCEA church-Wang'ombe rd. D424	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
AIPCEA-Thaara river rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyati T-Plots access rd.	4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamahuha-Kianduru-Mihuro rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamahuha-waita rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kahaini lower access rd.	2.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahaine-coffee factory-sabasaba rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Hezekiah's-Kandaratarari rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahaine upper & nyangati access rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Congo & kihumbu access rd.	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Machang'a-thaara river bridge rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karathe-Thaara river rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karathe & Jumbi access rds.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wathiani Pri-Sabasaba rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wathiani central rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wathiani lower rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wathiani access rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gituri sabasaba rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rwanguno access rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Maganjo-Karia rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Maganjo-Kandaratarari rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Maganjo-Karia & Kandaritari access rd.	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Maganjo & sabasaba T plots access rds.	3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Sabasaba mkt rear rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamahuha mkt rear rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mumbu access rd.	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kaharati mkt-mai mahiu-Job's-sabasaba river rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Wairuri-karia (Sabasaba mkt) rd.	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muteithania-Gathuri rd.	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karugia-gituri rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Boda Gathuri rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathuri lower rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of main bridges in the following areas; thaara river bridge connecting dorome and maranjau; thaara river railway bridge connecting wathina and wathungururu; maganjo-mumbu river bridge – improvement; ngumbu river bridge- improvement; karungiro marangua ridge bridge; Karia-wairure bridge	15M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

72,800,000.00

KIHUMBUINI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
URP 36 (Ha Munyua - Gathama)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 509 (Gitwamba - Kihumbuini)	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 17 (Paul Mbiu - Gachororo)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
URA 41-01 (Kiunyu - Hakinyungu - Rukoroi)	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 1556 (Karinga-ini - Mukurwe)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 1559 (Kimemu - Gathaithi)	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kamaigwa - St. Lawrence Pri. - AP Post)	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Ishmael - Rugaita)	1.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kiamunyugi - Karia)	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Gaikamba - Kihumbu-ini Dispensary)	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
UNCL.(Kibobo - Kibaka Access Road)	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508(Kihumbu-ini - Gikingi)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 (Paul Mbiu-mwambato)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kahuhi (Kibobo)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

E 508 (Kiunyu-Gakira)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 (Kianjogu)	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kianjege-Kiri Mukui	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Ndiva-Mbari ruga	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kigotho	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Ria mbara	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiunyu coffee factory- watuku	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Cugu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiri-Miigua	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Gati-iguru-mbari ya thumbi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Gatuya	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiharika	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiriga	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Githunguri A & B	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Giciru	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

E 508 Gathiru-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kigetho	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Rwa mutual-Paul Mbiu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kambo	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kahiti-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiunyu-Gicagi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kahethu-Gaikamba	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiunyu-Githioro	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kiunyu-Gikingi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Gathaithi-Mbariruga	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kanjiriri	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Gathaithi	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
E 508 Kagongo	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

30,400,000.00

KIGUMO WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementi ng Agency	Source of Funds	Implementatio n Status
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Gachocho-Turuturu(R22)	5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakare-Marumi	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kii Ini- Kamkunji	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karega-Suta	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mathare Ini-Ithaya River	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigumo Polytechnic-Kigumo Primary	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muthithi-Mathareini(E516)	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirere-Mutunguru	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Pius Muiruri Acess Road	1.1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiriagoro-Irati	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thagaini-Marumi	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigumo-Apolo	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Turuturu-Nguku	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githima-Turuturu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Waboro-Mwambia	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiara-loc 6 boundary	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Githuguya-Irigui-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigumo pri-Irigui-ni	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kigumo shopping centre-Kihoko	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyanjua-Nyambutu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mathare-ini shopping centre-Mathare-in factory	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamukunji-mathare-ini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirere-Kiria ngoro	20,000.00	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kindiri-kahuro junction	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirere-miigua-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakare-Kirere	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thanga-ini factory-Kahethu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndiara rd- Githima	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nyaga mara-nguku	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
44 rd-nguku	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Turuturu-Wacendar rd	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githima-Pefa church	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Dabu-Githima rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Nguku-Kiandutu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Marumi-Githure	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Marumi-Mathingira	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Magutu-ini-Irati factory	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiiria-ngoro-kori	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakare-marumi-mathare-ini	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiiria ngoro-Kirere	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirere-Thanga-ini-Githima rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kirere-Githima bridge Karia-iini-Nguku bridge Suta bridge (Gachocho n Kigumo) Nguku-Kariua (Kigumo n Kandara) Kiahiti-Kigumo bridge	20M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

50,020,000.00

KANGARI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Tambua-Kangari	2.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanyore-Iriguini	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kanyore-Kakoine	2.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mururi Ine-Marira	3.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Marira Sec-Kihoko	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Katundo-Mburu Ine	1.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Irima-Mathaithi	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mathaithi-kangari Chiefs camp	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Njiris-Ngurwe-ini	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mairi-Forest	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatia-ini-kairitu	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Makomboki-Kanderendu	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kimotho-ndiara	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Makomboki-kahuho	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatura-Gatia-ini	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Ksh 21,000,000

KINYONA WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
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Karega-Kamunganga,Mununga	14m	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamung'ang'a-Mununga-Kinyona-Matco rd.		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kangari (Kiamaingi)-Kinyona-Njambi-ini rd.		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mununga-Ichichi rd.		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mariira(Gakira)-Ngonda rd.		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Weru wa nderi-Karinga-Kamwario-Gacharage		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karinga-Turaha-Gituamba		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mikubu-Njiiri		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kinyona-MauMau rd		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mukoma-Gasthuki-ini-Rwanyaga rd		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mununga-Itikarua-Ngorogocho-Kamuariro		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mununga-Mahehe		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwiria pri-Ikamba-Muthiria-Gachengo		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ndune-Ititu-Kahuro-Ngaro rd		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rarakwa-Maragwa river		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Rarakwa-Weru-Ithiru-Kandegwa-Kanyiriri		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Irati coop society rd		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathema-Gachocho rd		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachocho-Mukore		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamunganga pri sch-Gachocho(G.S. James)		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachocho-Kawiro-Karaba-Ndugamano		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karuiro-Mutunguru rd.		2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Sub total	40m						
1 bridge along Irati river (Mau Mau rd); 6 bridges along Maragwa river; 2 bridges along Gathenda river (Kangari- Karinga; Karinga-Mariira); 1 bridge (Karinga-Gikoe mkt.)	27m	2014-2017	No of bridges done.	Reports and Minutes	Roads Dept	CGM	New

67.0m

MUTHITHI WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Heho-Gachathi-Kambi Bunge (Ura 54)	7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Njora-Njora Factory(Ura 710)	3.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiahiti-Githunguri	3.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiamatumbi-Kiahiti-Kiugu-kariro	2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Karuri-Githembe	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kambi-maragwa town	2.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gakeu junction-gakeu pri sch	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kamukuru-wa nyambo-Muranga road	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karuri mkt-Gititu village	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ha gitundu-thamara-njora pri sch	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kiugu shoping centre-kiugu A-Gatune river	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagurumo-Kiandugira-Sabasaba river	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Irigiro shopping centre-Koruru village	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Irigiro shopping centre-kiugu village-muranga thika rd	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jikaze-rwanyaga-kaharati shoppin centre	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Njora-kiangagirwa-githama	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Irigiro shopping centre-kimiri-ini-muranga rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Masengo village-muranga rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ichagaki junction-itherui-njora nursery sch	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
PCEA muthithi-gatuamikwa village-mwireri village	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Muthithi mkt-ichamukui-kamira village	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gachathi-ini shopping centre- Nyagachachi village	0.7M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Muthithi catholic church-Gwa kahuko	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Giatha church-itherui-muthithi mkt	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Ucera village-Gathima well	0.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Thamara pri sch-Sabasaba river	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Construction of bridges in the following areas: matuto river on heho- mbunge road; matuto river on heho- gachatheini; thamara- kahiti road on sabasaba river; kororo- kaandani on sabasaba river; njora- githunguri on sabsaba river; ngithunguri- githama on gatune/ sabasaba river	18M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

48,900,000.00

KAHUMBU WARD

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kiambogo Access Road	1.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwema Acces Road	1.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwototo Access Road	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Rwathia Gikundu-Kahuho	2.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kandani-Ndonga Kairi Access Road (Ura 38)	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Jack Mbogoini Access Road	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mugumoini-Mbari Ya Kiogo Access Road	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Karabai Gatungu Access Road	1M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kagwethu-Kamungu Kagonga Access Road	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gutundunguru-Kagonga Mbogoini Access Road	0.9M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githioro Karuri Bridge Road	1.2M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kahariro-Mwera Access Road	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githembe Kirigu	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gutundunguru-Kagonga Mbogoini Access Road	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githioro Karuri Bridge Road	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gatunduguru-kamungu-Mbogo-ini rd.	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kanguku-Mugumo-ini-Mbogo-ini-Gakarati rd	0.8M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathima-ini-Matura-ini	0.5M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mwara-Kianjugu access rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New

Kiada kia mbui access rd.	0.3M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Kwa njata-Ngumbo-Kimachu rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Gathima-ini-Kimachu rd	0.4M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Githioro-Karuri bridge rd.	0.6M	2014 - 2017	No of KMs done	Reports and Minutes	Roads Dept	CGM	New
Mbogo-ini muthithi bridge Kambogo-Irigo bridge Kwa njata-Kimachu bridge Githembe-Muthithi bridge Mwema-Mbogo-ini bridge Mumbu-Muthithi bridge	18M	2014-2017	No of bridges done	Reports and Minutes	Roads Dept	CGM	New

Ksh.38,200,000

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Roads Total

Air strip

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Revive Kabirwa Airstrip at (Kiharu)	100 M	2015 - 2016	Functional Airstrip	M&E Reports	Public Works	CGM,GOK,Donors	New

Energy, Infrastructure and ICT (EII) Total	3.986 Billion
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8.4 Health Sector

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Complete Kambirwa Health Center (Mbiri)	5M	2013-2017	Percentage of completion	Check list	County government	County government	0 %
Completion of Nyangiti H/C (Mathioya)	20M	2013-2017	Percentage of completion	Check list	County government	County government	0 %
HIV/AIDS prevention and management	175M	2013-2017	Number of cases attended	Registers	County government	County government	40%
TB prevention and management	190M	2013-2017	Number of cases attended	Registers	County government	County government	40%
Prevention and management of Diabetes hypertension cervical and breast cancer	54M	2013-2017	Number of cases attended	Registers	County government	County government	60%
Establish a trauma and orthopaedic Centre including ambulance services	80M	2013-2017	Functional Trauma unit	Checklist	County government	County government	0%
Enforce the occupational health and safety Act	3.5M	2013-2017	Number of Cases	Register and reports	County government	County government	10%
Martenal Child Healthcare Programme	54M	2013-2017	Number of cases attended	Registers	National Government County	National Government County	60%

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
					government	government	
Establishment of alcohol and substance abuse rehabilitation Centre	30M	2013-2017	Functional	Checklist	County Government	County Government	0%
Improved nutrition intervention	7.5M	2013-2017	Number of Cases	Register and reports	National Government County government	National Government County government	60%
Water treatment at household level	20M	2013-2017	Number of Household with safe water	Checklist and report	County Government	County Government	50%
Carry out an audit of health facilities	5M	2013-2017	Audit report in place	Reports	CGM	CGM	New
Upgrade Muranga Hospital to a referral hospital in collaboration with institution of higher learning	100M	2013-2017	Signed Memorandum,	Reports	CGM, Institution of Higher Learning	CGM, Institution of Higher Learning	New
Hiring of medical staff for the county health services	100M	2013-2017	No of staff employed	Reports, employment letter	CGM	CGM	Ongoing
Purchase of Ambulances	192M	2013-2017	No of units purchased	Check list	County government	County government	Ongoing
Dispensary Upgrading	200M	2013-2017	No of units	Check lists	County	County	0 %

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
			upgraded		government	government	
Construction and rehabilitation of County and Sub county health HQ	40M	2013-2017	No of unit constructed/ rehabilitated	Site inspection report	County government	County government	Ongoing
Purchases and supply of Phamarceuticals	1 B	2013-2017	Number of supplies	Reports and delivery note	County government	County government	0 %
Purchases and supply of Non-Phamarceuticals	500M	2013-2017	Number of supplies	Reports and delivery note	County government	County government	0 %
Establish Diagnostic center in Muranga Hospital	10M	2013-2017	1 center established	Site inspection report	County government	County government	0 %
Implement community health strategy	5M	2013-2017	No. of forums held	Minutes and reports	County government	County government	0 %
Establish Health fund through PPP	250M	2013-2017	1 health fund established	Report	County government	County government	0 %
Automate pharmaceutical/Non-pharmaceutical commodities	20M	2013-2017	Automated system in place	Reports	County government	County government	0 %
Establish Renal center in Muranga Hospital	10M	2013-2017	1 center established	Site inspection report	County government	County government	0 %
Establish Kirwara Hospital to Level 5	50M		An upgraded health facility	Site inspection	County government	County government	0 %

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
				report			
To have two hospitals in the county offering optical services.	10M	2013-2017	Number of clients served	Attendance registers	County government	County government	50%
Establish a Trauma Center at Makuyu	10M	2013-2017	1 center established	Site inspection report	County government	County government	0 %
Formulation a health sector plan	5M	2013-2017	1 plan in place	Minutes and reports	County government	County government	0 %
Purchase of utility vehicle, motorbyce and bicycle	200M	2013-2017	No of utility vehicle, motorbyce and bicycle	Site inspection report	County government	County government	0 %
Establish and rehabilitate Morturies	100M	2013-2017	No. of mortuaries	Site inspection report	County government	County government	0 %
Purchase and rehabilitation of existing cemeteries	50M	2013-2017	No of cemeteries	Site inspection, report	County government	County government	0 %
Dispensary Construction	225M	2013-2017	No of units constructed	Check lists	County government	County government	0 %
Construction /upgrading Health Centre to sub-county	200M	2013-2017	No of units constructed/ upgraded	Check lists	County government	County government	50 %
Upgrading Dispensaries to fully fledged Health	120M	2013-2017	No of units	Check lists	County	County	0 %

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Center			upgraded		government	government	
Orthopaedic / Disability assessment center	38M	2013-2017	Number of PWDs attended to.	PWDs attendance register	County Government	County government	0%
Cancer screening machines in Maragua for serving cancer patients with albinism	25M	2013-2017	Number of PWDs attended to.	PWDs attendance register	County Government	County government	0%
Rehabilitate and enforce all health facility to have disability friendly infrastructure	10M	2013-2017	No. of center which are disability friendly	Reports	County Government	County government	Ongoing
All hospitals to be equipped with sunscreen lotions& anti-epileptic drugs	20M	2013-2017	Number dispensed	Dispensing registers	County Government	County government	0%
Construction and equipping marternity wing	100M	2013-2017	Number of marternity in place	Site reports	County Government	County government	0%
Renovation of health facilities and staff quarters	50M	2013-2017	No. of facilities in place	Site reports	County Government	County government	0%
Establish 8 rehabilitation centers	40M	2013-2017	No. of centers in place	Site reports	County Government	County government	0%
Purchase and installation of water	15M	2013-2017	O of tank in place	Reports; Vouchers	County Government	County government	0%

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
tank							
Health Sub-Sector Total Ksh 4,339,000,000							

8.5 Education Sector

Education sub-sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Build and equip county secondary school classes in each constituency; Countywide	40M	2014 -2016	No of classrooms	Field Reports, photos, delivery notes	County government	County government devpartners, community	Project found on-going
Recruit 50 Primary school teachers on 3 year contract in each constituency; Countywide.	36M	2014 -2016	NO of teachers	Teacher supervisory reports	County government	County government, PTA	Recruitment to start
Recruit 10 secondary school teachers on 3 year contract in each constituency; Countywide.	8M	2014- 2017	No of teachers recruited	Teacher supervisory reports	County government	County government, PTA	Recruitment to start
Convert unused classrooms into boarding facilities in all wards	150M	2014 - 2017	No of classrooms converted No of students in boarding	Field Reports, completion certificates, photos, delivery notes	County government	County government devpartners, community	Project found on-going
Build and equip Primary Schools in each constituency, Countywide.	60M	2014 -2017	No of schools No of students enrolled in the new schools	Field Reports, completion certificates, photos, delivery notes	County government	County government devpartners, community	Project found on-going
Establish a Kshs.60, 000 tree funds for 20 primary schools in each	20M	2014 -2017	No of schools No of trees planted	Presence of trees, completion	County government	County government, donors, miss	New and any project found on-going

constituency.				certificates		tourism	
Convert unused classrooms into boarding facilities 5 per ward.	90M	2014 -2017	No of classes	Field Reports, completion certificates, photos, delivery notes	County government	County government devpartners, community	Project found on-going
Convert 16 low cost sub-county secondary schools to sub county Boarding Schools	32M	2014 -2016	No of new sub county boarding schools No of students in the new boarding schools	Field Reports, completion certificates, photos, delivery notes	County government	County government devpartners, community	Project found on-going
Create libraries and provide learning resources/materials.(For class 7 and 8)	100M	2014-2017	No of Libraries -Availability of resource materials	Report , Continous Assessment	County Government	CGM, GOK, Dev Patners	New
Improve and fund teacher advisory centers.	30M	2014/2015	No of Computers and laptops, No of field vehicles, No of offices	delivery notes, minutes, field visits, supervisory reports	County government	County government, development partners	Procurement process to start
Develop and implement mentorship programme for schools (county wide)	30M	2014- 2016	No of mentorship training/activities, TOT for mentors, secretariat, communication gadgets, No of school adopted No of mentors Training manuas for mentors	Field visits reports, minutes, hand books for terms of references,	County government	County government devpartners, community	Programme found on-going
Motivational programme for pupils and teachers (County wide)	200M	2014 to 2017	No of Teachers retreats, prize giving days No of zonal retrets	Minutes, photos, certificates, appraisal reports, delivery	County government	County government devpartners, community	Programme found on-going

			No of prize giving days held	notes			
<ul style="list-style-type: none"> Introduce extended study hours for exam students Standardize county exams. Implement intervention measures. Staff rationalization programme 	250M	2014 to 2017	No of Evening classes and weekends. No of hired teachers, No of teachers transferred No of schools offering evening and weekend classes	Minutes, appointment letters, class registers, supervisory reports, delivery notes, examination papers,	County government	County government, PTA, diaspora, NGOs, investors	Programme ongoing
Create incentives for Investors for Investment into private schools (county wide)	20M	2014 - 2017	No of private boarding schools done by investors No of students in private schools	Classrooms/ physical structures, computers, school vehicle, reports	County government	County government, community contribution, donors, county investors	Identification criteria to start.
Bursaries and scholarship Programmes (county wide)	400M	2014 - 2017	No of students awarded bursaries .No of scholarships awarded No of needy students missings	Application letters, minutes, fees statements, reports,	County government	County government devpartners, community	On-going programme
Establish ICT facilities – computer labs/clusters for training students and teachers	70M	2014- 2017	No of centres	Computers, photos, physical structures, enrolment reports.	County government	County government devpartners, community	Location surveys and pilot programmes to start.
Develop and implement performance management systems for teachers/teacher	20M	2014- 2017	Improvement of exam performance better performance national	field officers, reports,	County government	County government, NGOs,	Programme found on-going

rehabilitation.			exams No of teachers rehabilitated				
- -Build new polytechnics and fully equip them	350M	2014- 2017	-No of new polytechnics build -No and type of equipment supplied	Physical structures, computers, learning equipment, trainers appointment letters, enrolment reports, photos	County government	Community funding, county government, development partners, NGOs	New and programme found on-going.
All special needs children/Rehabilitate polytechnics for the disabled (County wide)	50M	2014-t 2017	No of special children enrolled No of centres rehabilitated and equipped	Photos, registers, delivery notes, field workers, field vehicles	County government	County government, NGOs	Count down and registration on-going
Empowerment programme both for teachers and stakeholders (County wide)	40M	2014 2017	No of teachers/stakeholders on the programme No of empowerment programmes undertaken	Trainings and seminars, empowerments curriculum, minutes, prize giving, exchange programmes	County government	County government,	Programme found on-going
Provide incentive schemes to motivate and retain teachers in class (County wide)	10M	2014- 2017	Improvement of individual schools tracked No of teachers in class Motivation programmes	Certificates, payment receipts, delivery notes	County government	County government, school boards and PTA, well-wishers,	On-going programs

			held			NGOs	
Develop teaching and learning strategies that enhance student innovation (County wide)	16M	2014- 2017	No of Innovation/incubation centres No of competitions. No of innovation competitions won	Handbooks, relevant curriculum and teaching lessons, physical structures	County government	County government,, Boards and PTA, investors, donors	On-going programs
Education sub-sector Total Ksh 2,022,000,000							

ECD Department

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementati on Status
Construction of 2 toilets(1 for girls and 1 for boys) and urinal per center in 350 ECD centres	70M	2014-2017	Number of complete toilets	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Reduction of aperture of 2 toilets and construction of a urinal in 280 ECD centres	10M	2014-2015	Number of toilets with reduced apertures	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Provision of 600 hand washing water points	1.2M	2014-2017	Number of water points	Photo graphs Minutes Reports Delivery notes	County government	County government	On going
Provision of water harvesting facilities and 1,000 litres storage tanks in 320 ECD centres in the county	5.76M	2014-2017	Number of tanks Connected to water harvesting facility	Photo graphs Minutes Reports Delivery notes	County government	County government	New
Construction of 70 ECD classes(4 no per ward)	100M	2014-2017	Number of classes constructed	Photo graphs Minutes Reports Delivery notes	County government	County government	New

Repair , paint and provide security of 280 existing ECD Center classrooms	56M	2014-2017	Number of repaired classrooms , and secured centers	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Provision of age appropriate furniture in 105 ECD centers	5M	2014-2017	Number of tables and chairs No ECDs with appropriate furniture	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Fencing. Chain link fencing with wooden poles on 280 centres	6M	2014-2017	Number of fenced centers No of ECD centres fenced	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Provision of outside play equipment for 490 centers	49M	2014-2017	Number of swings, merry go rounds, slides etc in ECD centres	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	On going
Repair of existing play equipment	3M	2014-2016	Number of repaired play equipment	Photo graphs Minutes Reports Delivery notes	County government	County government	New
Capitation funds per pupil for ECD children	92M	2014-2017	Number of pupils receiving capitation funds -Amount received	Bank statements Photographs Learning aids	County government	County government	New
Mattresses and	12.2M	2014-2015	Number of	Photo graphs	County	County	New

Mackintoshes for afternoon nap in 630 ECD centers			ECDs with mattresses and mackintosh	Minutes Reports Delivery notes	government	government	
Employment of ECD teachers	800M	2014-2016	Number of teachers	Minutes Reports Appointment letters	County government	County government	New
Human resource development	4M	2014-2016	Number of courses attended and officers with completion certificates	Photo graphs Minutes Reports Completion certificate	County government	County government	New
Professional staff training and development courses for ECD officers	4M	2014-2016	Number of courses attended and officers with completion certificates	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Offices and office equipment	4M	2014-2015	Number of tables, chairs, cabinets, etc	Photo graphs Minutes Reports Delivery notes	County government	County government	New
Feeding programs for ECD/marginalized	80M	2014-2017	Number of sufurias, soap detergents etc	Photo graphs Minutes Reports Delivery notes	County government	County government	New
Supervision and quality standards assessment	4.8M	2014-2017	Number of centers visited No of teachers absent	Photo graphs Minutes Reports Delivery notes	County government	County government	New
Advocacy meetings	6M	2014-2017	Number of	Photo graphs	County	County	New

with teachers parents and other stakeholders			meetings attended	Minutes Reports Delivery notes	government	government	
Construction of an ECD training center	30M	2014-2017	-Percentage of completion -Launch of training centre -No of students	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Construction of boarding facility for marginalized/orphan ed pupils(Needy)	10M	2014-2017	Percentage of completion -Launch of of facility No of enrolled pupils	Photo graphs Minutes Reports Delivery notes Completion certificate	County government	County government	New
Purchase of 2 motor vehicles and 8 motor cycles for supervision	8.4M	2014-2017	Number of vehicles and motor cycles	Photo graphs Minutes Reports Delivery notes	County government	County government	New
Installation of TV sets and computers in all ECD Centers	30M	2014-2017	Number of TV sets and aerials bought	Photo graphs Minutes Reports Delivery notes	County government	County government	New
ECD Sub-Sector Total Ksh.1,391,360,000							

1.3

Youth Polytechnics

Sub-Sector Projects

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Infrastructure – Construct at least one workshop in each of the 58 YPS including a story room	290M	2013-2018	No. of workshops constructed	Completion certificates	County Government	County Government	New
Establish two model YP in each of the eight sub counties	160M	2013-2018	No. of model YPs established	Reports Photos	County Government	County Government	On-going
Employ at least 150 qualified instructors	180M	2013-2018	No. of instructors employed	Payroll	County Government	County Government	New
Equip 58 YPS with tools and equipment's by 2017	145M	2013-2018	No. of tools and equipment's	Store ledgers	County Government	County Government	On-going
Establish one YP to train trainees with special needs in each sub county	160M	2013-2018	No. of YPs established	Completion certificates	County Government	County Government	New
Establish partnerships with the County Government, Industry and other stakeholders	100M	2013-2018	No. of partnerships established	Reports	County Government	County Government	New
Organize Co-curricular activities for youth polytechnics trainees	25M	2013-2018	No. of tournaments organized	-Photos -Reports	County Government	County Government	On-going
Youth education to increase literacy levels among the youth in the County	50M	2013-2018	No. of trainees trained	Class registers	County Government	County Government	On-going
Youth Polytechnics Sub-sector Total Ksh 1,110,000,000							

Adult Education

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Upgrading of 3 ABE centers in 35 wards	36.8 M	1 year	Upgraded centres	Reports	County Govt	County Govt	New
Construct two CLRC center in the county.	4 M	2 years	2 CLRC constructed	Reports	County Govt	County Govt	New
Procure 2 computers per ABE center in the county	15 M	6 months	Computers available	Reports	County Govt	County Govt	New
Recruitment of Teachers	1.1 M	1 year	No of teachers recruited	Interviews conducted	County Govt	County Govt	New
Creation of Awareness	0.4M	1 year	No. of meetings held	No. of meetings held	County Govt	County Govt	New
Procurement of writing/teaching materials	0.9 M	1 year	Availability of materials	Stores ledger	County Govt	County Govt	New
Edult Education sub-sector Total Ksh 58.2m							

Examination and Evaluation Sub Sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Developing tests	6 M	2015- 2017	No of test developed	Reports	CGM	CGM and GOK	New
Printing, packing and distribution of the examination	25 M	2014 -2017		Reports	CGM	CGM and GOK	New
Administration of the examination	8.6 M	2014 - 2017		Reports	CGM	CGM and GOK	New
Analysis of the examination results	2 M	2014 - 2017		Reports	CGM	CGM and GOK	New
Motivating schools, teachers and pupils	15 M	2014 - 2017		Reports	CGM	CGM and GOK	New
Drawing strategic interventions for improved performance and Mobilization of revision materials	10 M	2014		Reports	CGM	CGM and GOK	New
ICT component for examination bank	5M	2014		Reports	CGM	CGM and GOK	New
Examination and Evaluation Sub-sector Total Ksh. 71.6m							

Education Sector Total**3.9386 Billion****Information and Communications Technology (ICT)****Proposed /On Going Project**

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Development of County ICT policy and strategy/roadmap	2M	2014-2015	<ul style="list-style-type: none"> No. of Stakeholder workshops ICT policy documents 	<ul style="list-style-type: none"> Reports Policy document Minutes 	Murang'a County Government	County Government	Proposed
Acquisition of equipment and Establishment of networks(to ward level)	100M	2014-2018	<ul style="list-style-type: none"> No. of Equipment No. of networks established 	<ul style="list-style-type: none"> Inventory Floor plans Reports Minutes 	Murang'a County Government	County Government	On going
Capacity Building on ICTs	5M	2014-2018	<ul style="list-style-type: none"> No. of Trainings carried out No. of Staff trained 	<ul style="list-style-type: none"> Certificates Reports 	Murang'a County Government	County Government	On going
Development of an Enterprise Resource Planning (ERP) software	50M	2014-2017	<ul style="list-style-type: none"> ERP developed Various modules activated 	<ul style="list-style-type: none"> ERP reports 	Murang'a County Government	County Government	proposed
County Human Resource Information System	10M	2014-2015	<ul style="list-style-type: none"> System developed 	<ul style="list-style-type: none"> Reports 	Murang'a County Government	County Government	proposed
Design and development of County websites for	2M	2014-2015	<ul style="list-style-type: none"> Developed Activities and updated websites 	<ul style="list-style-type: none"> Hits 	Murang'a County Government	County Government	On going

various County Departments							
Digitalization of HR Records	13M	2014-2016	<ul style="list-style-type: none"> No. of records digitalized Fully automated HR records 	<ul style="list-style-type: none"> Digitization stages 	Murang'a County Government	County Government	proposed
Extension of fibre optic cable to all major towns (County wide)	30.M	2014-2016	<ul style="list-style-type: none"> Megabytes No of towns connected to fibre optic. Total connectivity 	<ul style="list-style-type: none"> Internet accessibility in all major towns Reports Minutes 	Murang'a County Government	County Government	New project
Constructing and equipping ICT and documentation centers (County wide)	11M	2015-2017	<ul style="list-style-type: none"> No of ICT and documentation centers 	<ul style="list-style-type: none"> Availability of information Reports Minutes Certificate of completion 	Murang'a County Government	County Government	New project
Installation of satellite communication network in public institutions (County wide)	10M	2015-2017	<ul style="list-style-type: none"> No of Satellite equipment installed No of institutions connected 	<ul style="list-style-type: none"> Reports Minutes Certificate of completion 	Murang'a County Government	County Government	New project
Provision of speedy internet equipment (County wide)	5M	2014-2015	<ul style="list-style-type: none"> No of Internet Equipment installed No of institutions connected 	<ul style="list-style-type: none"> Reports Minutes Certificate of completion 	Murang'a County Government	County Government	New project
Increase network coverage across the county by all service providers (County wide)	5M	2015-2017	<ul style="list-style-type: none"> %age of network coverage 	<ul style="list-style-type: none"> Increased network coverage 	Murang'a County Government	County Government	New project
ICT training and capacity building	20M	2014-2017	<ul style="list-style-type: none"> No. of Trainings No of staff trained 	<ul style="list-style-type: none"> Certificates Training reports 	Murang'a County	County Government	New project

(County wide)			<ul style="list-style-type: none"> No of staff competencies 	<ul style="list-style-type: none"> 	Government		
Telephony connection project sub-county (up to ward level)	10M	2015-2017	<ul style="list-style-type: none"> No of offices connected No ward offices connected 	<ul style="list-style-type: none"> Reports Delivery notes Reduced telephone bills 	Murang'a County Government	County Government	New project
Establish a county communication Resource centers (Headquarters)	3M	2014-2015	<ul style="list-style-type: none"> No of Communication centres established 	<ul style="list-style-type: none"> Existence of communication centre Reports Minutes 	Murang'a County Government	County Government	New project
Establish sub county communication/Resource centers	10M	2014-2014	<ul style="list-style-type: none"> No of Communication centres established 	<ul style="list-style-type: none"> Existence of communication centre Reports Minutes 	Murang'a County Government	County Government	New project
County communication and marketing strategy (Headquarters)	2M	2015-2016	<ul style="list-style-type: none"> communication and marketing strategy documents 	<ul style="list-style-type: none"> Documents Reports Minutes 	Murang'a County Government	County Government	New project
Establish BPO center for Murang'a (Kiharu)	20M	2015-2017	<ul style="list-style-type: none"> No of BPOs center 	<ul style="list-style-type: none"> Reports 	Murang'a County Government	County Government	New project
Installation of CCTV surveillance system (County wide)	20M	2014-2015	<ul style="list-style-type: none"> No of CCTVs installed 	<ul style="list-style-type: none"> Reports Minutes Certificate of completion Delivery note 	Murang'a County Government	County Government	New project
Recruitment of ICT staff in accordance with the organization structure	50M	2014-2017	<ul style="list-style-type: none"> No of staff recruited 	<ul style="list-style-type: none"> Adverts Reports Minutes 	Murang'a County Government	County Government	New project
Establishment of	50M	2015-2017	<ul style="list-style-type: none"> No of TV& Radio 	<ul style="list-style-type: none"> Reports 	Murang'a	County	New project

Murang'a County TV & Radio stations (Kiharu)			established	<ul style="list-style-type: none"> • Minutes • Delivery • Signed contracts 	County Government	Government	
ICT Sub-sector Total Ksh. 428m							

8.6

Public Administration and International Relations Sector (PAIR)

Economic Planning Sub Sector

Projects	Cost estimate (Kshs)	Time Frame	Monitoring Indicator	Monitoring Tools	Implementing Agency	Sources of Funds	Implementation Status
Data collection (Statistical Surveys)	10M	2014/2015	Up to date data in place	Field visits. Reports	CGM	CGM	New
Community empowerment.	25M	2014-2017	No of forums held.	Reports Minutes	CGM	CGM Development partners.	New
Monitoring and evaluation of projects	50M	2013-2017	No of M&E reports	Reports Minutes	CGM	CGM,Gok	New
Updating of county fact sheet annually	2M	2014/2015	1 updated county fact sheet in place	Reports	CGM	CGM	New

Evaluation and Production of MDG's status report.	25M	2014/2015	Mid term and annual reports	Reports Minutes	CGM	CGM, GoK, Partners	New
Logistical support	32M	2015/2016	Vehicle in place	Reports Minutes Log book	CGM	CGM	New
Establishment of M&E framework	15M	2014/2015	M&E framework in place	Reports. Minutes	CGM	CGM, GoK, development Partners	New
Construction of a County Information and Documentation Centre (CIDC).	20M	2014/2015/2016	A fully equipped CIDC in place.	Reports Minutes Completion certificate	CGM	CGM, GoK, development partner	New
Mid-Term Review of CIDP (2013-2017)	10M	2014/2017	A CIDP mid- term reviewed	Reports Minutes	CGM	CGM	New

County Integrated Development Plan (2017-2022) preparation	15M	2017	A five year county Development plan in place	Reports Minutes CIDP	CGM	CGM	New
Annual County Budget Preparation.	10M	2013-2017	Budget Document in place	Reports. Minutes	CGM	CGM	New
Project mapping and database development	15M	2015/2016	No of projects mapped and developed database	Reports	CGM	CGM, GoK, Partners	New
Operationalizing County and Sub-County Development Committees.	20M	2014-2017	-No of development committees in place	Reports, Minutes	CGM	CGM	New
Construction and equipping of 2 Sub-county planning units.	30M	2014/2016	No SCPU constructed and fully equipped	- Reports Minutes Completion	CGM	CGM, GoK, development Partners	New

				certificates			
Economic Planning Sub Sector Total Ksh 279m							

Finance Sub Sector

Projects	Cost estimate (Kshs)	Time Frame	Monitoring Indicator	Monitoring Tools	Implementing Agency	Sources of Funds	Implementation Status
Integrated Financial Management systems	200M	2014-2017	M&E system in place	Reports	CGM	CGM	New
Improvement of finance physical infrastructure	100M	2014-2017	Office in place	Reports Completion certificate Minutes	CGM	CGM	New
Finance Sub Sector Total Ksh 300,000,000							

Human resource Sub sector

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Development of a county organizational structure, sensitization & periodic review and improvement	30M	2014 – 2017	No. of reports on Organizational Chart,	Minutes of meetings and reports	Public Service County Public Service Board County Assembly	GOK CGM	On Going
Undertake a work load analysis, sensitization & periodic review and improvement	30M	2014 – 2017	No. of Report	reports, minutes	Public Service County Public Service Board	GOK CGM	On Going
Develop a performance appraisal system; Development of performance contracting instrument	100M	2014 – 2017	No. of Reports	Reports, minutes	Public Service County Public Service Board	GOK CGM	On Going
Develop and Review HR policies	34M	2014 – 2017	No. of Reports	Reports, minutes	Public Service County Public	GOK	On Going

					Service Board Ministries	CGM	
Training and capacity building	820M	2014 – 2017	No. of staff trained	Reports, minutes, training programmes	Public Service County Public Service Board	GOK CGM	On Going
Establishment of a HR Information System; and automation of records	180M	2014 – 2016	No. records automated	Reports and minutes	Public Service	GOK CGM	New Project
Promotion of values and principles	50M	2014 – 2017	No. of people sensitised No. of report	Reports, Minutes	Public Service Board	GOK CGM	On Going
Establishment of a harmonized pension scheme; sensitization & periodic review and improvement	47M	2014 – 2017	No. of reports No. of officers sensitized	Reports, Minutes	Public Service Public Service Board	GOK CGM	New Project
Harmonization of terms and conditions of service sensitization & periodic review and	18M	2014 – 2017	No. of reports No. of officers sensitized	Reports, Minutes	Public Service Public Service Board	GOK CGM	New Project

improvement							
Development of schemes of Service sensitization & periodic review and improvement	35M	2014 – 2017	No. of reports	Reports, Minutes	Public Service Public Service Board County Departments	GOK CGM	New Project
Promotion of professional ethics	35M	2014 – 2017	No. of reports No. of officers sensitized	Reports, Minutes	Public Service Public Service Board	GOK CGM	On Going
Undertake HR planning sensitization, Undertake HR budgeting & periodic review and improvement	30M	2014 – 2017	No. of reports No. of officers sensitized	Reports, Minutes	Public Service Public Service Board	GOK CGM	On Going
Carry out customer satisfaction survey , Undertake an Employee satisfaction survey	100M	2014 – 2017	No. of reports	Reports, Minutes	Public Service Public Service Board	GOK CGM	New Project

Set up a Guidance and counselling unit, HIV and AIDs control unit	100M	2015 – 2016	No. of officers who have benefited from the programme	Reports, Minutes	Public Service	GOK CGM	New Project
Recruitment and selection	800M					GOK CGM	
Establishment of employee welfare/recognition programme	100M	2014 – 2017	No. of reports No. of officers sensitized	Reports, Minutes	Public Service Public Service Board	GOK CGM	New Project
Human Resource Total Ksh 2.51b							

Administration

Project Name	Cost estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Construction of County offices	200M	2014 – 2017	No. of offices constructed	Reports, minutes, completion certificate	Public Service County Secretary Ministry of Infrastructure	GOK CGM	New Project
Installation of security monitoring system & periodic review and improvement	100M	2014 – 2017	No. of installations	Reports, minutes, completion certificate	Public Service County Secretary Ministry of Infrastructure/ICT	GOK CGM	New Project
Procurement of office furniture/ equipment and vehicles	300M	2014 – 2017	No. of office furniture and equipment	Reports, minutes, delivery notes	Public Service County Secretary Finance – Procurement	GOK CGM	On Going
Construction of perimeter walls;	100M	2014 – 2017	No. of walls constructed	Reports, minutes, completion	Public Service	GOK	New Project

identification,				certificate	County Secretary Ministry of Infrastructure	CGM	
Valuation and securing of county public land	60M	2014 – 2015	No. of reports	Reports, minutes	Public Service, County Secretary, Ministry of Lands	GOK CGM	New Project
Construction of parking bays in county offices	300M	2014 – 2017	No. of parking bays	Reports, minutes, completion certificate	Public Service County Secretary Ministry of Infrastructure	GOK CGM	New Project
Operationalization of Land board	10M	2014 – 2017	No. of meetings	Minutes, reports	Public Service County Secretary	GOK CGM	New Project
Operationalization of Liquor licencing board	15M	2014 – 2017	No. of meetings	Minutes, reports	Public Service County Secretary	GOK CGM	New Project
Preparedness of disaster management (Countywide)	135M	2013 – 2017	No. of meetings, visits and awareness	Minutes, reports	Public Service County Secretary	GOK CGM	New Project

			program				
Coordination fora	10M	2014 – 2017	No. of Meetings	Reports, Minutes	Public service County secretary	CGM	On going
Administration Total Ksh 1.23b							

Governance, Justice, Law and Order Sector (GJLOS)

Internal and Coordination of National Government

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Upgrading of Police Housing Units; County wide.	100M	2014-2017	No of units	Reports Minutes	County AP Commander	National Government, CDF	New
Refurbishment and Renovation Of Chiefs Offices;	50M	2014-2017	No offices refurbished	Reports Minutes	County commissioner office	National Government, CDF	New
Refurbishment and Renovation Of Assistant Chiefs Offices;	70M	2014-2017	No offices refurbished	Reports Minutes	County commissioner office	National Government, CDF	New
Construction of Sub county HQ. Kandara	35M	2014-2017	Kandara HQ constructed	Minutes Reports	County Commissioner office	National Government,CGM	New
Construction and equipping of AP Posts	350M	2014-2017	No of AP posts constructed	Minutes	AP Commander	National Government,CGM	New

(County wide)				Reports		and CDF	
Construction and equipping of Police Posts (County wide)	250M	2014-2017	No of Police posts constructed	Minutes Reports	Police Commander	National Government, CDF	New
Construction of Assistant Commissioner offices	30M	2014-2017	No of Dos' offices constructed	Reports Minutes	Sub County commissioner's offices	National Government, CDF	New
Community policing. (County Wide)	10M	2013-2017	No of forums held	Reports Minutes	National Government	Ministry of interior and National Coordination, CGM	On going
Re training of security agents to effectively combat upcoming crimes such as abductions, kidnappings and extortion.	30M	2013-2017	No of officers trained	Reports	National Government	Ministry of interior and National Coordination	On going
Provision of reliable transport to improve mobility for increased patrols, morden communication gadgets/equipments	70M	2014-2017	No of offices	Reports Minutes	National Government	National government , CGM	new

Internal and Coordination of National Government Total Ksh 995m

Murang'a County Assembly

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Construction of new office block	53 M	2014-2015	No of offices	Reports Minutes	Muranga county Assembly	CGM	New
Contruction, equipping and refurbishment of the county assembly chambers	52 M	2014-2015	No of offices constructed No and type equipment bought	Minutes Reports Delivery notes	Muranga county Assembly	CGM	New
Contruction of perimeter fence	14 M	2014-2015	No of walls	Reports Minutes	Muranga county Assembly	CGM	New
Construction of parking yard and landscaping	5.8 M	2014-2016	No of bays	Minutes Reports	Muranga county Assembly	CGM	New
Purchase of vehicles	48.5M	2014-2015	No and type of vehicles bought	Reports Minutes	Muranga county Assembly	CGM	New

				Log books			
Sinking and development of borehole	3M	2014 – 2015	Physical borehole	M&E report and minutes	Muranga county Assembly	CGM	New
Construction of modern toilet	2M	2014 – 2015	Progress to the completion of the toilet	Reports and Minutes	Muranga county Assembly	CGM	New
Recreational facility	1M	2014 – 2015	Functional facility	Reports and Minutes	Muranga county Assembly	CGM	New
Security services equipment	6M	2014 – 2015	Functional system	Reports and Minutes	Muranga county Assembly	CGM	New
Computer & IT systems	10M	2014 – 2015	Functional IT system	Reports and Minutes	Muranga county Assembly	CGM	New
Hansard equipment	11M	2014 – 2015	Functional hansard equipment	Reports and Minutes	Muranga county Assembly	CGM	New
Purchase of Generator	5M	2014 – 2015	Functional generator	Reports and Minutes	Muranga county Assembly	CGM	New
Total	211.3M						

Civil Registration sub-sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
construction and equipping of Sub County offices; Kandara Gatanga Kigumo Kahuro	45 M	2014-2017	No of offices constructed and equipped	Site Minutes and reports	Civil registration	Civil registration	New
Registration of persons; County wide.	10 M	2013-2017	No of id issued	Registers and reports	Civil registration	Civil registration	ongoing
Awareness creation; County wide.	5 M	2013-2017	No of forums	Reports	Civil registration	Civil registration	new
Civil Registration Total Ksh 60m.							

Probation services sub-sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Crime prevention; County wide.	6M	2014-2018	No of crime s reported	progress reports	Probation & Aftercare Service	CGM, GOK, Partners	Ongoing
Resettlement and Reintegration of Offenders; County wide.	5M	2014-2018	No people resettled and reintegrated	Offenders resettled and reintegrated, progress reports	Probation & Aftercare Service	CGM, GOK, Partners	Ongoing
Purchase of vehicle	12M	2014-2018	No. of Vehicles	Report	Probation & Aftercare Service	CGM, GOK, Partners	New
Construction of Kandara Sub-County probation office	10M	2014-2018	No. of Unit constructed	Minutes Report	Probation & Aftercare Service	CGM, GOK, Partners	New
Rehabilitation of Offenders; County wide.	10M	2014-2018	No of reformed and law abiding ex-offenders	Progress reports, rehabilitation plans drawn, Offenders counselled	Probation & Aftercare Service	CGM, GOK, Partners	Ongoing
Rehabilitation of Alcohol and drug addicts	20M	2014-2018	No of persons rehabilitated	Progress reports, Site reports, No. of alcohol and drug free	Probation & Aftercare	CGM, GOK, Partners	Ongoing

				cases documented	Service		
Intergenerational dialogue to counsel the youth and mentor them.	5M	2014-2018	No of cases reported	Progress reports, No. of contacts made with the youth units	Probation & Aftercare service	CGM, Partners	New
Hold sensitization forums by administration and stakeholders on illicit brews and drugs.	5M	2013-2017	No of forums held	Reports	CGM, National Government	CGM, National Government	On going
Probation Services Total Ksh. 73m							

Governance, Justice, Law and Order Sector (GJLOS)Total	1.5533 Billion
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Social Protection, Culture and Recreation Sector (SPCR)

Gender and Social Services sub-sector

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Community Mobilization and Development; County wide.	7.7M	2013-2017	No of groups	Reports minutes	Gender and social services	GOK	On going
Community Capacity Support Programme (C.C.S.P); County wide.	16.3M	2013-2017	No of groups	Reports minutes	Gender and social services	GOK	New
Groups Promotion and Development; County wide.	0.5M	2013-2017	No of groups	Reports Minutes	Gender and social services	GOK	New
Community Micro-Hydro Project; Ndiara Hydro in Gatanga Kiawambogo	5M	2013-2017	No of groups	Minutes Reports	Gender and social services	GOK	New

Kangema Mugumoini Wards							
Growing Of Amaranth; Kiharu and Kangema sub- counties.	1M	2013- 2017	No of groups	Reports Minutes	Gender and social services	GOK	New
Upper Tana Natural Resorce Development Programe	20M	2013- 2017	No of groups	Minutes Reports	IFAD	IFAD	New
Equip and refurbish Muriranja's vocational rehabilitation center to adequately cater for training needs to persons with disabilities	12M	2013- 2017	No of equipment	Reports Minutes	CGM	CGM	New
Women Enterprise Development Fund (WEDF); County wide.	50M	2013- 2017	No of women benefitting	Reports Minutes	County Director Gender and Social	National Governmen t	On-going
Cash transfer for the aged; County wide.	35M	2013- 2017	No of old person benefitting	Reports Minutes	County Director Gender and Social	National Governmen t	On-going
Cash transfer programme to persons with Disabilities; County wide.	61M	2013- 2017	No of PWD benefitting	Minutes Reports	County Director Gender and Social	National Governmen t	On-going

Cash transfer for orphans and vulnerable children (CT-OVC)	30M	2013-2017	No of CT-OVC benefitting	Reports Minutes	County Director Gender and Social	National Government	On-going
Gender and Social Development Total Ksh.238.5m							

Culture

New Projects

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Upgrade and rehabilitate Mukurwe wa Nyagathanga and other heritage sites; and host first annual pilgrimage, cultural night, county prayer day	10 M	2014/2017	No.of cultural sites rehabilitated Annual pligrimage cultural and prayer day held	Reports	Department of culture	County govt	New
Identification, Registration and documentation of cultural groups	3M	2013/2017	No.of group registered and documented	Reports	Depart of culture	County govt	On going
Mapping of Cultural Sites	2M	2014/2017	No.of sites mapped	Reports	Department of culture	County govt	New
Change Ownership i.e grave sites	3M	2014-2016	Sites owned	Reports	Dept of culture	County govt	New

Revitalization of the Kikuyu homestead i.e (Mukurwe wa Nyagathanga)	4M	2014-2017	Homestead constructed	Reports	Dept of culture	County govt	New
Development of Literature	5M	2014-2017	Research Document in place	Reports	Dept of culture	County govt	New
Music and cultural festival	25M	2013-2017	No of festivals held	Report	Dept of culture	County govt	Ongoing
Community cultural festivals	30MM	2014-2017	No of festivals held	Report	Dept of culture	County govt	Ongoing
Cultural exhibitions	20M	2014-2017	No of cultural exhibitions	Report	Dept of culture	County govt	Ongoing
Disseminate information on the traditional foods	5M	2014-2017	No.of forums organized	Report	Dept of culture	County govt	New
Disseminate information on medicinal herbs and herbal medicine	5M	2014-2017	No.of forums	report	Dept of culture	County govt	New
Acquire/procure relevant literature Capacity building	20M	2014-2017	No workshop held and document	report	Dept of culture	County govt	New

workshops							
Construction of cultural centres	70M	2014-2017	No of cultural centers completed	report	Dept of culture	County govt	New
Culture Total Ksh. 202m							

Sports Sub Sector

On-going projects

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Sports training County wide	10 M	2013 2017		Reports	Department of sports - Murang'a	Murang'a Government	Ongoing
County soccer tournament	50 M	2013- 2017	On-going tournament	Report s	Department of sports - Murang'a	Murang'a govt	Continuous
Identification, registration and documentation of all sports clubs	1 M	2013-2017	Club's register	Report s	Department of sports - Muranga	Murang'a Govt	Continuous
County marathon	35 M	2013 2017	Completion of marathon	Reports	Sports Department	Murang'a Gov & Sponsors	New
Establish a talent centre in collaboration with Murang'a University	100 M	2013 2017	Established sports centre	Report s	Youth department	Murang'a Govt & Murang'a University	New

Annual sports day	5 M	2013 2017	Completion day of the sports	Reports	Sports department	Murang'a Govt	New ot started
8 children recreational centers (merry-go-round)	200 M	2013 2017	Completion of recreation centres	Report s	Children department	Murang'a Govt	New ot started
Provide sports equipment to the vatioous sports clubs.	55 M	2013 2017	Purchase of equipment	Report s	Sports Department	Murang'a Govt	In progress
Kangema community stadium	10 M	2013 2017	Completion of the stadium	Reports	Murang'a Count Government	Murang'a County Government	Proposed
Secondary and Primary school sports tournament	1 M	2013 2017	Completion of the tournament	Reports	Murang'a County Government	Murang'a County Government	Not started
Purchase two sports buses	16 M	2014	Two buses bought	Reports	Murang'a County Government	Murang'a County Government	On going
Organise sport tournament for people with disabilities (County wide)	8 M	2013 2017	Completion of the tournament	Report s	Murang'a County Government	Murang'a County Government	Not Started

Establishment of a special talent college (Kariara & Kahumbu Wards) Athletics, Musicians etc	200 M	2013 2017	Completion of the College	Reports	Murang'a County Government	Murang'a County Government	Not Started
Darts tournament (County wide)	35 M	2013 2017	Completion of dart tournament	Reports	Murang'a County Government	Murang'a County Government	Not Started
General Kago stadium (Kangema)	300 M	2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	Not Started
Rurii Stadium (Mathioya)	100 M	2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	ON GOING
Mumbi Grounds (Muranga East)	50 M	2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	ON GOING
Ihura Stadium (Muranga East)	100 M	2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	ON GOING
Giachuki Grounds (Gatanga)	50 M	2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	Not Started

A new field to be identified at Kigumo (Kigumo)	100 M	J 2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	Not Started
Gakoigo Show Ground (Maragua)	300 M	2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	Not Started
Matenjagwo Stadium (Kandara)	100 M	J 2013 2017	Completion of the stadium	Reports	Murang'a County Government	Murang'a County Government	Not Started
Volley Ball Tournament	16 M	2013 2017	Completion of the tournament	Reports	Murang'a County Government	Murang'a County Government	NOT STARTED
Department of Sports Total Ksh 1.842b							

Youth Training/ Youth Development

Project Name	Cost Estimate	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementing Status
Youth and employment and empowerment	1.76 M	2014-2017	No. Of youth sensitized No. of meeting held No. of tenders secured by the youth	Reports	Dept of youth dev	MCG	Ongoing
Talent search	35.2 M	2014-2017	Constructed talent Academy	Reports	Deptof youth dev	MCG	Ongoing
Youth leisure and recreation	1.408 M	"	No. of youth selected to the Academy No. of talent search conducted at the county level.	Reports	Deptof youth dev	MCG	Ongoing
Youth and empowerment	1.76 M	"	Amount of money saved by the saccos. No. of youth sensitized No. of career fairs conducted	Reports	Deptof youth dev	MCG	Ongoing
Youth	2.236 M	"	No. of youth engaged in the	Reports	Deptof youth	MCG	Ongoing

participation in Agricultural development in the county			forum No. of youth owned agri-business enterprises		dev		
Youth employment and empowerment Youth and sgri-based enterprises	15 M		No. of youth attending mentorship in the centres No. of the business incubation centres build	Reports	Department of youth development	MCG	Ongoing
Infrastructure equipment Kiharu Kigumo Kandara Murang'a South Kangema Gatanga Mathioya	61.6 M	2014-2017	Equipment procured	Reports	Department of youth development	Murang'a County Government	Continuous New New On going Ongoing Ongoing New
Number of youth	8.8M	2014-	No of youth	Reports	Dept of	County	Continuous

employed by: 2,400 jobs created		2017			Youth Devpt	Government	
Training of 1600 youth	8.8M	2014-2017	No of youth	Reports	Dept of Youth Devpt	County Government	Continuous
24 clubs established in the county	1.76 M	2014-2017	No of clubs Established	Reports	Dept of Youth Devpt	County Government	Continuous
8 Market fairs in the sub counties	1.76 M	2014-2017	No of Market fairs	Reports	Dept of Youth Devpt	County Government	Continuous
Youth and Health	16.8M	2014-2017	Number of youth reached	Reports	Department of youth development	Murang'a County Government	Continuous
Youth Empowerment and participation.	15 M	2014-2017	1,200 youth trained 1200 recruited and trained on MDG's and vision 2030 as ambassadors	Report	Dept of Youth Devpt	MSG	Done

			1200 youth trained				
Youth and ICT	3.52M	2014-2017	Stakeholders identified and networked with. Action plan implemented.	Reports	Department of youth development	Murang'a County Government	
Youth crime drugs and substance abuse.	12.68M	2016	16 clubs established in the county. 24 sensitization campaigns carried out.	Reports	Department of youth development	Murang'a County Government	“
Youth with special needs.	4 M		Youth with special needs involved. Improved accessibility	Reports	Department of youth development	Murang'a County Government	
Youth and Gender.	6 M		Gender mainstreaming done.	Reports	Department of youth development	Murang'a County Government	
Revitalization of youth polytechnics in the county.	500M	2014-2017	No. of YPs revitalized	-Photos - Completion certificates	Department of youth development	MCG	New
Employ at least 150 qualified	180M	2014-2015	No. of instructors employed	Payroll	Department of youth	MCG	New

instructors					development		
Infrastructure – Construct at least one workshop in each of the 58 YPS including a story room	290M	2014-2017	No. of workshops constructed	Completion certificates	County Government	MCG	New
Dissemination of national youth policy; County wide.	50M	2014-2017	No. of forums organized	Attendance registers	Department of youth development	MCG	New
Youth leadership and entrepreneurship training;	100M	2014-2017	No. of trainings organized	Attendance registers	Department of youth development	MCG	New
Youth Enterprise Development Fund (YEDF);	80M	2014-201	Amount disbursed	Bank statements	Department of youth development	MCG	On-going
Youth Empowerment Centres;	100M	2014-2017	No. of centres established	Completion certificates	Department of youth development	MCG	New
Volunteer & community	20 M	2014-	No. of youth engage in volunteerism and community	Reports	Department of youth	Murang'a	

service		2017	service		development	County Government	
Total Youth Training and Development Ksh. 1.52b							

Social Protection, Culture and Recreation Sector (SPCR) Total	3.77486 Billion
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8.7 Water Sub- Sector

Water

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kiangage water project (Kiharu)	21M	2014/2015	-Length of pipes laid -No of connections done	-progress report -consumer register -billing	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Ndikwe water project (Kiharu)	20M	2014/2015	-Length of pipes laid -No of connections done	-progress report -consumer register -billing	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Muchungucha water project (Kiharu)	32.3 M	2014/2015	-Length of pipes laid -No of connections done	-progress report -consumer register -billing	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Maragua town water project (Kiharu)	199.4 M	2014/2015	-Length of pipes laid -No of connections done	-progress report -consumer register -billing	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Githuri water project (Kiharu/ Gikindu)	42.2M	2014/2015	-Length of pipes laid -No of connections done	-progress report -consumer register -billing	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Overhaul of water network (Kiharu)	1.2 B	2014/2017	-Length of pipes laid -No of connections done	-progress report -NRW report -Complains registry	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Maragua town sewerage project (Kiharu)	6 M	2014/2016	-Length of pipes laid -No of connections done	-progress report -consumer register -billing and revenue	CGM, GOK and MUWASCO	CGM and GOK	Waiting for implementation funds
Mukuyu-Mumbi sewer project (Kiharu)	54.7 M	2015/2016	-Length of pipes laid -No of connections done	-progress report -connections register	CGM, GOK and MUWASCO	CGM	Waiting for implementation funds
Rwathia- Mukangu line (Kangema)	100 M	2016-2018	No of connections	Reports	Athi Water Services Board	World Bank	Evaluation of tenders

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Expansion of Rwathia treatment works (Kahuro)	100 M	2016-2018	No of connections	Reports	Athi Water Services Board	World bank	Evaluation of tenders
Kaganda – Kiria line (Kahuro)	75 M	2015/2016	No of connections	Reports	Athi Water Services Board	World bank	Evaluation of tenders
Kaganda-Kahuro line (Kahuro)	25 M	6 months	As built drawings, Progress reports, minutes, Completion certificate	Bill of Quantities, Specifications, Drawings, Progress reports, etc	Kawasco, CGM & partners	CGM, GOK & Partners	New
Installation of 2000 consumer meters (Kahuro)	6 M	2015/2016	No of meters installed	Reports	Water department	CGM,CDF and Partners	New
Kanyenya-ini –Githiga line (Kangema)	20 M	2015/2016	No of connections	Reports Minutes	Water department	CGM,CDF and Partners	New
Mapping and GIS services (Kahuro, Kangema)	20,M	12 months	Maps, GIS software, GPS equipment, progress reports, completion report.	Terms of reference, Consultant's Technical & Financial Proposals,	Kawasco	CGM, GOK & Partners	Concept paper
Gatagwagwo water project (Kahuro)	28 M	2018	No of connections	Reports Registers	Water department	CGM,CDF and Partners	New
5No motorbikes (Kahuro, Kangema)	1.5 M		Log books, delivery notes	Procurement plan	CGM	CGM	New
2no Storage tanks 225m3 (Kahuro, Kangema)	10 M	6 months	Progress reports, As-built drawings, Minutes, certificate of completion, photographs	Design report, Bills of Quantities, Work schedule	Kawasco	CGM, GoK & Partners	New
Rehabilitation of existing infrastructure (Kahuro, Kangema)	100 M	12 months	Progress reports, As-built drawings, Minutes, certificate of	Design report, Bills of Quantities, Work schedule	CGM, GoK, Kawasco & Partners	CGM, GoK & Partners	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			completion, photographs				
Sanitation (Kangema)	100 M	24 months	Progress reports, As-built drawings, Minutes, certificate of completion, photographs	Design report, Bills of Quantities, Work schedule	CGM, GoK & Partners	CGM, GoK & Partners	New
Minor service lines (Kahuro)	40 M	24 months	Delivery notes (pipes & fittings), lists of new customers, progress reports, completion certificates.	Design report, Bills of Quantities, Work schedule	Kawasco	CGM, GoK & Partners	New
Gaturi Water Project (Mathioya/Kiharu)	545 M		Engineering reports, financial reports, progress reports, change in milk production and dropped cases of water borne diseases.		CGM, GoK and Partners	CGM, GoK and Partners	New
Mathioya water supply (Mathioya)	127.M		Financial reports, progress reports, new water connections and increased milk production		CGM, GoK and Partners	CGM, GoK and Partners	Merere-ini part of Mathioya is new. Old scheme augmentation and new filters
Gatango Water Supply (Mathioya)	128 M		Financial reports, progress reports, new water connections and increased milk production		CGM, GoK and Partners	CGM, GoK and Partners	New intake, New 10" line from intake to Kairo, new Kiria-ini line via Kagicha and augmentation.
Rehabilitation of 20km Kang'onde-Kiriangoro-	11 M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county	Planning completed

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Mutunguru –Gathera-Maragua pipeline. (Maragua)						government/ CDF	
Rehabilitation of Ngaburi through Gikomora – Ichagaki- Maragua – Kianjiruini pipeline (25km long (Maragua)	5 M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Kandara –Makenji –Kenol –Makuyu pipeline 23km 315mm diameter (Kandara)	97 M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Gaichanjiru-Ngurweini to Karugia (Kandara)	14.5M	2014-2016	<u>No of Km laid</u> No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Irati /Nginda intake to Maragwa (Maragua)	50 M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Maragua town pipeline(maragua)	2.5M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
gakoe-ini to Masaku (Kandara)	16 M	2014/2015	No of Km laid No of connection	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Musika Water Project (Ithiru)	10M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Muirungi Borehole Project (Ithiru)	5M	2014-2017	No of Borehole Drilled	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Kiiri Gakui Karimamwaro Water Project (Ithiru)	15M	2014-2017	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Planning completed
Kariua Kagira water (Kandara)	8M	2014/2015	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Designs completed
Masaku-thagiri (Kandara)	10M	2015/2016	No of Km laid No of connections	Minutes Reports	Water department	Murang'a county government/ CDF	Designs completed
Kagira-pipeline -6 km long (Kandara)	4M	2014/2015	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Designs completed
Kagira Gikoe water 14 km long (Kandara)	12 M	2015/2016	No of connections No of km laid	Minutes Reports	Water department	Murang'a county government/ CDF	Designs completed
distribution line Muruka (Kandara)	24.5M	2015	No of Km laid No of connections	Reports Minutes	Water department	Murang'a county government/ CDF	Designs completed
Distribution lines within Ng'araria (Kandara)	110M	2015-2017	No of connections No of km laid	Reports Minutes	Water department	Murang'a county government/ CDF	Designs completed

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Distribution main line from Gakarara to Kandara tank.	6.8 M	2015-2017	No of Km laid No of connections	<u>Reports</u> <u>Minutes</u>	Water department	Murang'a county government/ CDF	Designs completed
GATANGA WATER							
Gatanga water trust (Gatanga)	400M	2014/2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	Ongoing
Ithanga Water supply (Gatanga)	15M	2014-2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	Ongoing
Kihiumwiri Water Project (mitumbiri ward)	5M	2015/2016	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Greystone Water Project (kakuzi ward)	5M	2015/2016	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Kititu Water Project	5M	2014-2016	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Mwanawikio Water Project	5M	2016/2017	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Kaguku Water Project (Ithanga ward)	5M	2015/2016	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Ngelelya Water Project (borehole)	5M	2016/2017	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Rubiru Water Project	5M	2014/2015	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Kwa Mukundi	5M	2016/2017	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Borehole constuction at Kiriani	5M	2014/2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	New
Borehole constuction (Market Mabae)	5M	2014/2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	New
Kagongo borehole	2M	2014/2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	Ongoing
Kiawaihiga borehole	3.7M	2014-2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	Ongoing
Reservoir at Gatanga mission	5M	2014/2016	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	New
Kiarutara Ragia community water project	16M	2014/2015	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	Ongoing
Kinyangi springs water	6M	2014/2015	No of consumers	Reports	CGM	CGM	Ongoing

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
project			Revenue collected Volume of water produced				
Matunda borehole	5M	2014/2015	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Kandara investment mitubiri borehole	5M	2016/2017	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Kirathani borehole	5M	2015/2016	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
Ithanga dispensary borehole	5M	2015/2016	No of consumers Volume of water produced	Reports	CGM	CGM	Ongoing
New ithanga gravity water project	150M	2014-2017	No of consumers Revenue collected Volume of water produced	Reports	CGM	CGM	Ongoing
Murang'a South							
Ititu/Ikundu; Nginda Location;	5M	2014-2017	No of pipes laid, No of connections, No of km laid	Deliveries, work registers	Sub County Water Officer	Murang'a County Government	New project
Maragwa Ridge – Kambiti Water Project;	10M	2014-2017	No of pipes laid, No of connections, No of km laid	Deliveries, work registers	Sub County Water Officer	Murang'a County Government	The project is 80% complete
Silanga dam in Igikiro	4M	2015-2016	No of pipes laid, No of connections, No of km	Deliveries and work register	Sub County Water Officer	Murang'a County	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
			laid			Government	
Nduru dam in Kamahuha	4M	2015-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Methi –Swani dam in Wempa	3.5 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kaharati dam in Kaharati	1.7 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Wairuri dam in Maragua	4 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kimorori dam one in Kimorori	5.2 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kihara spring	0.3 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Maji kiboko spring	0.4 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kirimiri spring	0.3 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Gaichanjiru spring	0.2 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kaseve spring	0.1 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Mazuri spring	0.3 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Mutithi spring	1.5 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Karima kogi spring	0.4 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kianjugu spring	0.2 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Rural spring	0.3 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Wamutemi spring	1 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Gatanga – Kigoru pipeline	2 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Maragua Sec, Sch – Ikundu	3.6 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Gathunguri pipeline	2.5 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kenol – Murang'a TTC pipeline	30 M	2014-2017	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kaharati – Iganjo pipeline	4.2 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Mutunguru – Nginda pipeline	1.5 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kabati – Wempa pipeline	2 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Makuyu – Kirimiri pipeline	8 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Gathungururu B/H water project	0.8 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kamahuha/Nyotoka B/H water project	1.5 M	2014-2015	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kiha/Nyati B/H water project	5 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Kangangu B/H water project	4.5 M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Nginda – Maragua – Kamuiru W/P	7 M	2014-2017	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New
Gathuri B/H	6 M	2014-2017	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	Murang'a County Government	New project
KAWASCO							
Rwathia- Mukangu line (Kangema)	5M	2014-2017	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	CGM	New
Expansion of Rwathia treatment works (Kahuro)	5M	2014-2016	No of pipes laid, No of connections, No of km laid	Deliveries and work register	Sub County Water Officer	CGM	New
Kaganda – Kiria line (Kahuro)	8.9M	2017-2018	No of connections No of households connected	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Junction/Gacharu	1.8M	2016-2017	No of connections	Reports Minutes delivery	Sub County Water Officer	CGM	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
				notes			
Githagara Yamugwe	0.5M	2014/2015	No of connections	Reports Minutes Delivery notes	Sub County Water Officer		
Muchungucha kayahwe	0.75M	2016/2017	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Gatara/Kaihungu	0.7M	2016/2017	No of connections	Reports Minutes Delivery notes	Sub County Water Officer		
Koimbi/Kirogo	1.7M	2017/2018	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Kayhwe/Gathgu	6.5M	2016/2017	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Kiria/ muchunguchaGacharu Junction	5.6M	2015/2016	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Kaganda Kiumu	0.04M	2014/2015	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Koimbi /Mukangu	4.7M	2015-2016	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Gothioro/Ndutumi/ Kamaguta	2.2M	2015/2016	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Kahatia /Theri	0.6M	2014/2015	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Mugoiri/Gatundu	4.6M	2014/2015	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Kagaa	0.02M	2014/2015	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
Yamugwe Line	0.2M	2014/2015	No of connections	Reports Minutes Delivery notes	Sub County Water Officer	CGM	New
KIGUMO SUB-COUNTY							
Kambi-Kaharati pipeline	3.5 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Gikakima(construction of water sump&extension of pipelines)	7 M	2015	Tendered works	Tender documents,deliveries, LPOs	Sub-county water office	County government,, community	On-going- 70%
Kwamwenja – kangari water line	6 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government,	New project

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
						,cdf.	
-Irima water project - extension of extraction point	2 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
-Construction of water tanks at Turu and mbogoiini.	5 M	2016	Tendered works	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of Kanguku- Gakarati	2.8 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of Kanguku- sabasaba	2.7 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of ngonda- kamunganga line	5 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Construction of 225mm line from mariira tank to Sabasaba	24.9 M	2015-2016	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Design and construction of Saba-saba- Kahumbu water project	12 M	2016-2017	Tendered works,construction	Design documents,deliveries,lpoa	Sub-county water office	County government, ,cdf.	New project
Chathanda water project- land	10 M	2015-2017	Procured land,,tendered	Design documents,deliveries	Sub-county water office	County government,	New project

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
aquisition&construction of T-works			works,construction	s,lpoa		,cdf.	
Rehabilitation of water projects in Gacharage area	3.2 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in Gikoe area	2.8 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in ngonda area	3.1 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in kiahiti area	2.8 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in Gatumbi area	3.2 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in Kahumbu area	7.2 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in Muthithi area	8.0 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in Kigumo ward area	3.5 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project

Project Name	Cost Estimate (Kshs)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source of Funds	Implementation Status
Rehabilitation of water projects in Kangari area	4.0 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Rehabilitation of water projects in Kinyona area area	3.5 M	2015	Procured pipes, no. Of pipes layed.	Registers,lpos	Sub-county water office	County government, ,cdf.	New project
Land aquisition,Design and construction of sewage systems in:							
- Kangari town	15 M	2015-2017	Procured land,,tendered works,construction	Design documents,deliverie s,lpoa	Sub-county water office	County government, ,cdf.	New project
- Kigumo town	12 M	2015-2017	Procured land,,tendered works,construction	Design documents,deliverie s,lpoa	Sub-county water office	County government, ,cdf.	New project
- Mununga town	12 M	2015-2017	Procured land,,tendered works,construction	Design documents,deliverie s,lpoa	Sub-county water office	County government, ,cdf.	New project
- Muthithi town	10 M	2015-2017	Procured land,,tendered works,construction	Design documents,deliverie s,lpoa	Sub-county water office	County government, ,cdf.	New project
Water and Sewerage System Total Ksh.4.8b							

Water Resources Mgt Authority WRMA							
Enhance institutional	20 M	2014-2017	No of trainings	Reports	WRMA	CGM, GOK,	New

capacity						Dev Partners	
Identification of hot spots for climate change	36 M	2014-2017	No of hot sports identified	Reports	WRMA	CGM, GOK, Dev Partners	New
Construction of water harvesting facilities	15 M	2014-2017	No of water harvesting facilities	Reports	WRMA	CGM, GOK, Dev Partners	New
Conservation of Water catchments areas	50 M	2014-2017	No of catchment areas	Reports	WRMA	CGM, GOK, Dev Partners	New
Construct ion of water analysis laboratory	75 M	2014-2017	Functional laboratory	Reports	WRMA	CGM, GOK, Dev Partners	New
Total WARMA Sector Ksh.196.m							

Housing

Project Name	Cost Estimate (Ksh)	Time Frame	Monitoring Indicators	Monitoring Tools	Implementing Agency	Source Of Funds	Implementation Status
Renovation of government houses within the county (target – 200 Units in 5 years)	40 M	2014 - 2017	Improved Housing, Progress report, Completion certificate	Site visit reports, M & E reports	Housing Dep't.	County Government	6 Units renovated. (5 in Muriranja's District Hospital, H/1 within Murang'a town)
Promotion of appropriate building technology (Entire county)	25 M	2014 - 2017	Training reports	M & E reports	Housing Dep't.	County Government, Development partners	Proposed
Cleaning up, harmonization and updating of the government houses inventory within the entire county	0.3 M	One Year	Up to date housing inventory	Site visit reports, M & E reports	Housing Dep't.	County Government, Development partners	Proposed
Securing government houses and open fields	10M,	2014 - 2017	Progress reports, Photos before, during and after the works	Site visit reports, M & E reports	Housing Dep't.	County Government, Development partners	Proposed
Renovation and modernization of existing stock of government houses within the county. (target – 200 units in 5 years)	40M	2014 - 2017	Improved Housing, Progress report, Completion certificate, Photos before, during and after the works	Site visit reports, M & E reports	Housing Dep't.	County Government, Development partners	6 Units renovated. (5 in Muriranja's District Hospital, H/1 within Murang'a town)
New housing development projects	0.1 M	2014 - 2017	Progress reports, Photos	Site visit reports, M & E	Housing Dep't.	County Government,	Proposed

Major towns: Muranga ,Kangema, Kenol, Gatanga, Maragua, kangare, Kiria-ini. (target – 60 new units in 5 years)			before, during and after the works	reports		Development partners	
Developmnet and upgrading housing services	20 M	2014-2017	Progress reports , photo before, during and after the work	Site visit report, M&E reports	Housing Dept	Coounty Government Developmen Partners	Proposed
Cleaning up, harmonization and updating of the government houses inventory within the entire county	0.3M	One Year	Up to date housing inventory	Site visit reports, M & E reports	Housing Dep't.	County Government, Development partners	Proposed
Developmnet and upgrading housing services	20 M	2014-2017	Progress reports , photo before, during and after the work	Site visit report, M&E reports	Housing Dept	Coounty Government Developmen Partners	Proposed
Housing Sector Total Ksh.155.7 M							

Water and Housing Sector Total	4.56302 Billion
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8.8 Budget Summary

The Muranga County Intergrated Development Plan (2014-2017) Summary

Sector	Amount In Kshs
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1	Agriculture and Rural Development Sector	34.462 Billion
2	General Economic, Commercial and Labor Affairs	2.297 Billion
3	Energy, Infrastructure and ICT (EII)	3.986 Billion
4	Health Sector	1.760 Billion
5	Education Sector	3.938 Billion
6	Public Administration and International Relations Sector (PAIR)	2.339 Billion
7	Governance, Justice, Law and Order Sector (GJLOS)	1.253 Billion
8	Social Protection, Culture and Recreation Sector (SPCR)	3.775 Billion
9	Environmental Protection, Water and Housing Sector (EPWH)	4.563 Billion
Grand Total for 5 years to 2017		58.373 Billion

9 Appendix

Appendix 1: Indicative Monitoring and Evaluation Impact

Appendix 2: Indicative Monitoring and Evaluation Impact/Performance Indicators and Targets

SECTORS	2012(Base Year)	2015 Mid – Term Period	2017 End of Plan Period
Agriculture and Rural Development			
Cash crop production area (Ha)	177,636	187,636	197,636
Food crop production (Ha)	329,234	359,234	389,234
Milk production million (litres)	101.22	150.22	167.5
Energy Infrastructure and ICT			
Roads - Road upgraded to bitumen standards (Km)	387.5	447	507
Gravelled Road (Km)	1313.1	1433.1	1500
Rural access road (Km)	1234.3	1434.3	1634.3
Energy –houses with electricity connections (%)	11.53	13	15
Number of trading centres' with electricity	126	156	186
Health sector			
Infant Mortality rate Per 1000	31	21	17
under 1 year Immunization coverage against measles (%)	92.2	95	98.8
HIV/AIDS Prevalence (%)	3.7	2.7	2
Life expectancy: Male	59.7	62	67
Female	67.2	69	72
Education sector			
School net enrolment rate(%): Primary	93.85	97	100
Secondary	67.2	71	80
School dropout rate (%): Primary	2.87	1.7	0
Secondary	5.1	3	1.5
Teachers pupil ratio: Primary	1:34	1:30	1:28
Secondary	1:26	1:24	1:21
County literacy-level (%)	78	80	82
Social –Economic Indicators			
Poverty levels- Absolute (%)	36.3	32	30
Environmental Protection, Water and Housing			
Number of Households with access	14,558	19,000	24,000

SECTORS	2012(Base Year)	2015 Mid – Term Period	2017 End of Plan Period
to piped water			
Number of protected springs	25	30	35
Number of shallow wells	4,000	4,500	6,000
Average distance to nearest water point (Km)	3	2.5	2

Appendix 3: Status of MDGS in the County

S/ no.	MDGs	Targets	Indicators	MDGs status in Murang'a County.	MDGs status at National	2015 Targets	Likelihood of achieving the targets
1	Eradicate extreme poverty and hunger	a.) Halve, between 1990 and 2015, the proportion of people whose income is less than a dollar a day.	Proportion of population below a dollar a day	36	45.9	21.5	Unlikely
			Poverty gap ratio	-	16.2 (2006)	-	-
			Share of poorest quintile (¹ / ₅) in national consumption.	-	4.6 (2006)	9.6	-
		b.) Achieve full and productive employment and decent work for all, including women and young people	Growth rate of GDP per person employed.	-	-	-	-
			Employment to population ratio (%)	45.26	-	-	-
			Proportion of employed people living below a dollar a day.	-	-	-	-
			Proportion of own account and contributing family workers in total employment	-	-	-	-
		c.) Halve, between 1990 and 2015, the proportion of people who suffer from hunger.	Prevalence of underweight children under five years of age. (%)	5	20.9	16.26	Met
			Proportion of population below minimum level of dietary energy consumption.(Food Poverty)	27per cent	16.1 (2009)	-	-
		2	Achieve Universal Primary Education	a.) Ensure by 2015, children everywhere, boys and girls alike, will be able to complete a full course of primary schooling.	Net enrollment in primary education (%)	93.85	92.9
Proportion of pupils starting standard one who reach standard eight. (%)	97.13				83.2	100	Unlikely
Literacy rates of 15+ year olds (women and men) (%)	78				79.5 (2008)	100	Unlikely
3	Promote gender	a.) Eliminate gender disparity in	Ratio of girls to boys in primary education.	0.98	0.958	1	Unlikely

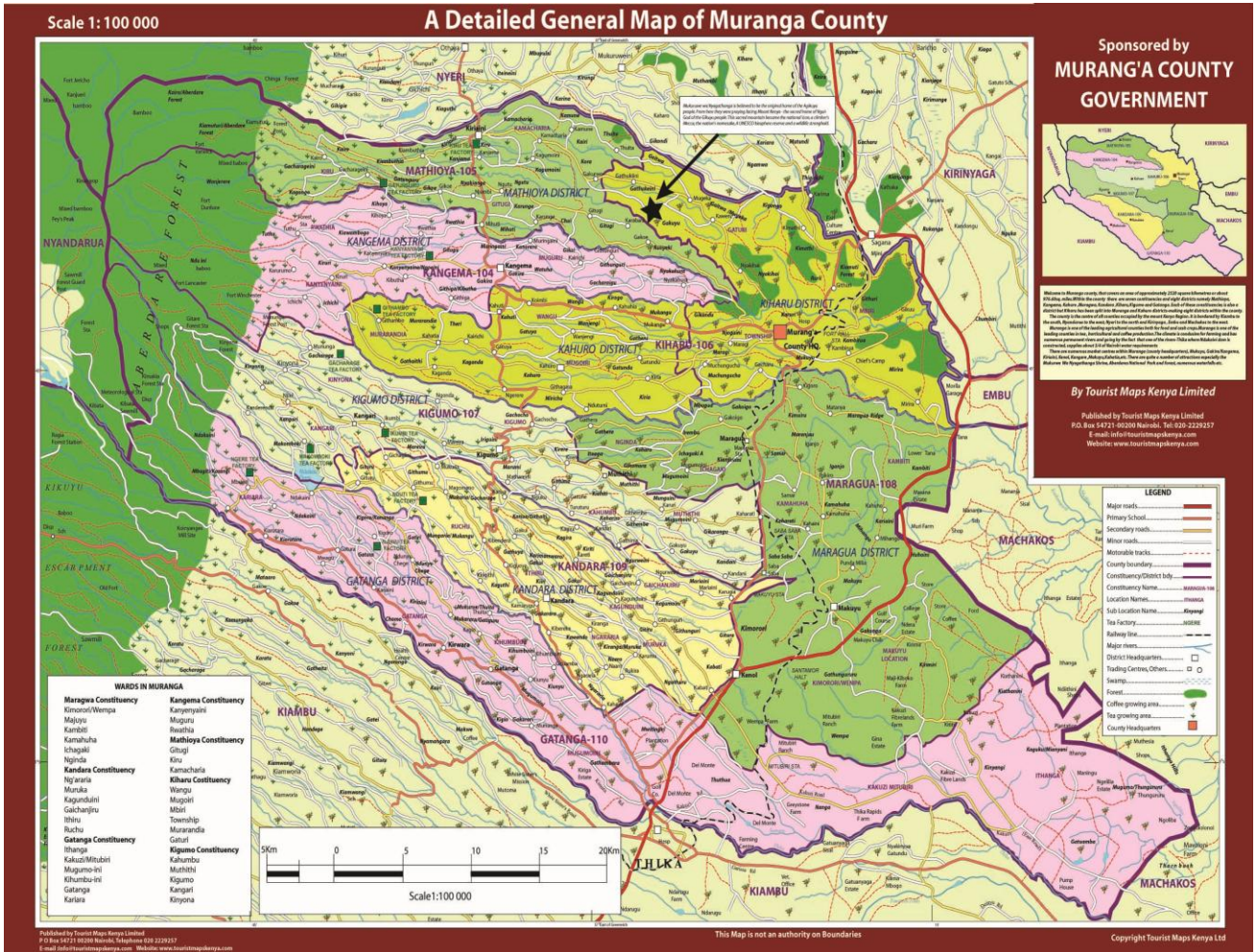
S/ no.	MDGs	Targets	Indicators	MDGs status in Murang'a County.	MDGs status at National	2015 Target s	Likelihood of achieving the targets
	equality and empower women	primary and secondary education, preferably by 2005 and in all levels of education no later than 2015.	Ratio of girls to boys in secondary education.	0.97	0.834	1	Unlikely
			Ration of female to male in tertiary level (TIVET/ Polytechnics)	-	0.941	1	-
			Share of women in wage employment in non-agricultural sector. (%)	33.95	31.2	-	-
			Proportion of seats held by women in national parliament	0	9.9	-	-
4	Reduce child mortality	a.) Reduce by $\frac{2}{3}$ between 1990 and 2015, the less than 5year olds mortality rate.	Under five year old mortality rate/ 1000 live births	59	74	33	Unlikely
			Infant mortality rate/ 1000 live births	31	52	21	Unlikely
			Proportion of one year old children immunized against measles. (%)	92.20	85	95	Likely
5	Improve maternal health	a.) Reduce by $\frac{3}{4}$ between 1990 and 2015, the maternal mortality ratio.	Maternal mortality/ 100,000	350	488	147	Unlikely
			Proportion of births attended by skilled personnel. (%)	61.60	43.8	90	Unlikely
		b.) Achieve by 2015, the universal access to reproductive health.	Contraceptive prevalence rate (%)	73.40	45.5	60	Met
			Adolescent birth rate/ 100,000	-	103	90	-
			Ante-natal care coverage (i.e. women making at least 1-4 visits. (%)	84	47.1	90	Likely
			Unmet need for family planning (%)	26.5	25.6	15	Unlikely
6	Combat HIV and AIDS, Malaria and other diseases	a.) Have halted by 2015 and begun to reverse the spread of HIV and AIDS.	HIV prevalence among population aged 15-24 years.	2.4	3	<2	Unlikely
			Condom use at last high risk sex (%)	-	42.3	80	-

S/ no.	MDGs	Targets	Indicators	MDGs status in Murang'a County.	MDGs status at National	2015 Target s	Likelihood of achieving the targets
			Proportion of population aged 15-24 years with comprehensive correct knowledge of HIV and AIDS (%)	90	48.7	-	-
			Ratio of school attendance of orphans to school attendance of non-orphans aged 10-14 years.	-	-	-	-
		b.) Achieve, by 2010, universal access to treatment of HIV and AIDS for all those who need it.	Proportion of population with advanced HIV infection with access to anti-retroviral drugs. (%)	42.2	40.5 (2007)	-	-
		c.) Have halted by 2015 and began to reverse the incidence of malaria and other major diseases.	Incidence and death rates associated with malaria (%)	0	31	-	-
			Proportion of children under five sleeping under insecticide treated bed nets. (%)	34.37	46.7	-	-
			Proportion of children under five with fever who are treated with appropriate anti-malarial drugs per 1000. (%)	1.6	23	-	-
			Incidence and prevalence rates associated with tuberculosis/ 100,000	145	326	300	Met
			Death rates associated with tuberculosis. (%)	5.9	4	-	-
			Proportion of TB cases detected and cured under DOTS (Directly Observed Treatment Short course) (%)	86.6	85.43	83	Met
7	Ensure environmental sustainable		a.) Integrate the principles of sustainable development into	Proportion of land area covered by forest. (%)	11.61	1.7	10
	sustainab		Carbon dioxide emissions, total per capita. (Metric tonnes)	-	0.3054 (2000)	-	-

S/ no.	MDGs	Targets	Indicators	MDGs status in Murang'a County.	MDGs status at National	2015 Target s	Likelihood of achieving the targets
	Sustainability	Country policies and programmes and reverse the loss of environmental resources.	Consumption of ozone depleting substances (ODP Metric tonnes)	-	134.8 (2000)	-	-
			Proportion of fish stocks within safe biological limits (%)	0	86.25	-	-
			Proportion of total water resources used. (%)	-	8.9 (2000)	-	-
			Proportion of terrestrial and marine areas protected to total territorial area (%)	0	12.7 (2000)	-	-
			Proportion of species threatened with extinction.	0	-	-	-
			Proportion of population using improved drinking water source. (%)	60	60.2	75	Unlikely
			Proportion of population using an improved sanitation facility. (%)	99.70	82	96	Met
8	a.) Develop Global partnership for development	a.) Develop further an open, rule based, predictable non discriminatory trading and system (which includes a commitment to good governance development and poverty reduction.	Proportion of total developed country imports (by value and excluding arms) from Kenya admitted free of duty.	-	98.67	-	-
			Average tariffs imposed by developed countries on agricultural products, textiles and clothing from developing countries.	-	2.41	-	-
		b.) Deal comprehensively with the debt problems of developing countries through national and international measures in order to make debt sustainable in the long term.	Debt service as a per centage of exports of goods and services.	-	6.8 (2000)	-	-

S/ no.	MDGs	Targets	Indicators	MDGs status in Murang'a County.	MDGs status at National	2015 Target s	Likelihood of achieving the targets
		c.) In corporation with the private sector, make available the benefits of new technologies especially information and communication.	Telephone lines per 100 population	8	4	-	-
			Cellular subscribers per 100 populations.	57	36.4	-	-
			Internet users per 100 populations.	-	10	-	-

Appendix 4: Map of Muranga County



Appendix 5: Proposed Ward Projects Infrastructure

Water

New project	Priority Ranking	Objectives	Targets	Description of activities
1. Irrigation water to be supplied to all the four locations of the ward namely				
2. Kinyona location with a population of 6600 at 2009 census				
3. Gacharage location with a population of 6672 at 2009 census				
4. Kamukabi location with a population of 7823 at 2009 census				
5. Gachocho location with a population of 7686 at 2009 census				
6. Ngutheru water project				
7. Makenyi water project				
8. Gatumbo water project				
9. Kanyirini water project				
10. Githama water project				
11. Githamba water project				
12. Muywi-riaro water project				
13. Gataiyu water project				
14. Mutundu water project				
15. Wanyerere Water Project – Extension of main pipeline to serve Kanguru to Burara, Nyagatungu to Kihoya. Kanguru Rwathia to Kenyanjeru				
16. Kahata Water Project – Expansion and extension to serve Kanini tea buying center area kahingae				
17. Rwathi gravity irrigation water project water source intake Aberdare				

forest to serve the whole ward				
18. Spring protection – Mugwangare Thangathi				
19. Gia Agachika				
20. Gia Kahuro				
21. Bari Ya Manda				
22. Achera (Bari)				
23. Bari Ya Gichae				
24. Abjika water project				
25. Kirichugu water project				
26. Borehole Drilling at Gatinyu, Kigio and Ithangararu				
27. Rukira water project				
28. Ngirima water project				
29. Kiranga water project				
30. Gatitu water project				
31. Kiawambubu water project				
32. Mbuko water project				
33. Gathangari water project				
34. Githaeini water project (Pipe)				
35. Gataguagwo water project (Pipes and Tank)				
36. Kanyenyaini Irrigation project (Reserve tank)				
37. Rwambogo water project (Pipes & Intake)				
38. Rehabilitation of wells				

39.	Kagaa – Kagunduini Water Project				
40.	Kagira – Gatituini – Kariua Water Project				
41.	Ngurweini Location Water Project				
42.	Kagumoini Location Water Project				
43.	Ndiriini Water Project				
44.	Manjuu Water Borehole – Proposed				
45.	Kirimiri dam one				
46.	Mugira dam				
47.	Pundamilia dam				
48.	Gitwe – Kanderendu – Kimutho Water Project – Piping				
49.	Upgrading and piping borehole water in kamahuha				
50.	Drilling borehole at/around kaha-ini primary school				
51.	Kibarabari water project				
52.	Kamurungu – Ngararia – Kahaini main water pipe of 10 inches to supply clean drinking water to the whole of Ngararia complete with 3 water reservoirs (The project proposed is already with the Minister and Director of water in the county) – Cost 45 Million				
53.	Irrigation water – required if a big reservoir at Kibereke shopping centre is constructed and supply water through gravity flow to the whole of Ngararia ward				
54.	De- silting of Ngararia Coffee Factory Dam				
55.	Giathanini gravity water wells in the following sub locations				
56.	Kaguku				

57. Mianyani				
58. Giathanini				
59. Upgrading/piping water through kalia water project				
60. Proposed water project at kawaharura Hills/saba saba river to serve the entire kamahuha and other wards				
61. Rwanganga borehole				
62. Mugumo-ini borehole				
63. Kandari borehole				
64. Mugumo				
65. Ngililya				
66. Mukundi				
67. Mbiri ward domestic water supply				
68.				
69. Supply of domestic water to Mbiri/Wangu and Mugoiri wards				
70. Gikandu domestic water supply				
71. Gakurwe domestic water supply				
72. Wangu Domestic water				
73. Revive Borehole at Koimbi Chief's camp				
74. Supply of domestic water by MUWASCO to the entire Mbiri ward				
75. Supply of domestic water by KAWASCO to Mbiri/Wangu and Mugoiri wards.				
76. Supply of domestic water by MUWASCO				

77. To supply domestic water to upper Gaturi				
78. To supply domestic water by KAWASCO to cover the entire Wangu ward				
79. To supply domestic water				
New project	Priority Ranking	Objectives	Targets	Description of activities
1. Kihara well				
2. Maji koboko well				
3. Kirimiri well				
4. Gaichanjiru well				
5. Kaeseve well				
6. Mazuri well				
7. Mutithi well				
8. Karima kogi well				
9. Kianjugu well				
10. Rural well				
11. Kihara well				
12. kiawaihiga – kiunyu main pipe from kiawaihiga borehole				
13. Wakarugi borehole				
14. Kwa wanja borehole				
15. Njaini market bore hole				
1.				

2.	Karega-Gachocho-Gatumbi-Mununga-Kinyona-Njabini Road.(Bitumen)				
3.	Kangari -Matco-Kinyona-Mununga Ichichi Kanyenyaini(Bitumen)				
4.	Kangari- Kياماingi-Kinyona(Bitumen)				
5.	Mariira Gakira-Ngonda(Bitumen)				
6.	Ikumbi Pri- Karinga -Gacharage-Kinyona(Murram)				
7.	Irati-Boro-Forest(Murram)				
8.	Mununga-Gikigie-Mukoma-Forest(Murram)				
9.	Gachocho-Ndugamano-Kariti-Magomano)(Murram)				
10.	Irate River- Gatumbi(Murram)				
11.	Gatunyu – Ngangaini access road 2 Km (Heavy grading and Gravelling)				
12.	Gatunyu – Joeska access road (Grading, Gravelling and Culvert Construction)				
13.	Gatoka – Keaina Primary School Access Road (Manual Labour, Gravelling and Culvert Construction)				
14.	Main Road – Gatunyu Primary School access road (Grading, Gravelling)				
15.	Kigio - Rwaitira access road (Grading, Gravelling)				
16.	Gatunyu – Akorino Church access road (Grading, Gravelling)				
17.	AIPCA Gathangari – Kabuere 4Kms				Grading, Culvert, Gravelling
18.	Kirurumo – Gacomo – Karia 5Kms				Grading, Culvert, Gravelling
19.	Naroo – Ngirima Nusery 3Kms				Grading, Culvert, Gravelling
20.	Mururini – Mbuko – Gatitu 4Kms				Grading, Culvert, Gravelling

21.	Nacharuthi- Mithiga- Kiunyu River 3Kms				Grading, Culvert, Gravelling
22.	Mururini – kiunyu River – Ngirima 4Kms				Grading, Culvert, Gravelling
23.	Miruka Main Coffee Factory – Thuai River 3Kms				Grading, Culvert, Gravelling
24.	Kware – Gitareni – Thuai River 4Kms				Grading, Culvert, Gravelling
25.	Njumbi – Ngutheru Pri School 5Kms				Grading, Culvert, Gravelling
26.	Njoga – Ngutheru Sec School 3Kms				Grading, Culvert, Gravelling
27.	Ruria Catholic church – Gatandi River 2 Kms				Grading, Culvert, Gravelling
28.	Gikigie – Karuru – Opening and Grading				Opening and Grading
29.	Gachai - Karuru - Opening and Grading				Opening and Grading
30.	Mugumoini – Magwe –Gravelling				Gravelling
31.	Kibutha Shopping Center – Gathiru – Gravelling				
32.	Kahingae – Kiahuho – Gravelling				
33.	Kieni – Kigoi Opening and Grading				Opening and Grading
34.	Ihiga – Kayahwe - Opening and Grading				Opening and Grading
35.	Kieni Buying Center – Kiangothi – Opening				Opening and Grading
36.	Gachoroma – Mutuyaini – Gravelling				
37.	Kawanuwa – Hawanja – Gravelling				
38.	Huyutie – Kirighiungu – Gravelling				
39.	Weru- Gathuku – Gravelling				
40.	Kiriti – Kangari - Opening and Grading				
41.	Kiharo – Igwe – Gravelling				

42.	Weru – Gitaro – Gravelling				
43.	Kawariuwa –Ngoeni Church – gravelling and gabion				
44.	Kanyenyaini – Kiyuyi – Karurumo – Ichichi – Tarmacking (Connects Kangema and Kigumo Sub Counties				
45.	Gathureb - Opening and Grading				Opening and Grading
46.	Kanuagathi - Gikumbo - Opening and Grading				Opening and Grading
47.	Kwawaronda – Kihotie – Gravelling				
48.	Kianyenyeye – Forest – Opening				
49.	Gatitu – Gitare - Opening and Gravelling				
50.	Githumu – Muirini – Mungimia – Kirigithu - 15km				
51.	Makuti (githumu0 – Gichakayo – Muigarua – 4km				
52.	Gichaigi – ini junction – Kiangare – kiruga – gituru junction 8km				
53.	Githumu (hospital) – Munoru school – Thika bridge 2km				
54.	Matiliku – Wa Mungai Ngurunga Road – Heavy Grading, Drainage, Gravelling, Drifts				
55.	K. Kimani – Gachie Kongo Road – Heavy Grading, Drift				
56.	Ngurunga – Wa Muriu – Muhoro Road – 2 drifts, Expansion, Grading				
57.	Kimotho – 81 – Rwagura Road – Grading, Expansion Culvert Installation				
58.	Mwania Mbogo Primary – Kihoto Road 3kms – Grading, Culvert Installation				
59.	Giathanini – Muronjo Road – 1.5kms – Gravelling and Culvert Installation 600m				
60.	Mama Emma – Kimani Waithaka Road – Grading, Expansion and Gravelling				

61.	Amos Road – Dickson – Kamuru Road – Grading, Culvert Installation				
62.	Harda SEC Road to Nyatira – 2.5kms – Grading and Drift				
63.	Muchoki Road – Damsite – 1.5kms – Grading , Culverts				
64.	Kaguku Kawethei Road – 1.5kms - Drift, Grading, Gabions, Expansion				
65.	Mianyani Primary – Kahuruko Road - 2kms – Culverts, Grading				
66.	Mugumo – Ndukamojo - Round Hii Road –1.5kms - Grading, Culverts				
67.	Kephas – Mugumo Road – 3kms – Heavy Grading , Culverts, Drainage				
68.	CDF – Ithanga Primary Road- Rurie Road – 4kms – Grading, Culvert, Drainages				
69.	Kitooni – Gachagi Road – 3kms – Culvert Installation, Grading, Gravel				
70.	Ngililya Kariara Road – 4kms –Drift, Grading, Culverts, Expansion				
71.	Ngililya Muthanga Kitooni Road – 3kms – Grading, Drift				
72.	Mukundi – Banana Road – 3kms- Drift, Grading				
73.	Water Kiosk – Chief Kamande Road – 3kms – Culverts, Grading				
74.	Gachagi – Muti – 2kms – Culverts, Grading				
75.	Ngililya Secondary School – Ngui Road – 3kms – Grading, Culverts				
76.	Kabuta shopping center – Matungu – Mathioya river _ most need culvers and foot bridges				
77.	Upper kaigwa – Mwirua 2.5km				
78.	Kigongo primary – Itara – Mibauni 2km				
79.	Kagwathi – Githima – Ititu 3km				
80.	Kaigwa – Kiamuri – Kaweru mkt				

81.	Kangwaci – Kigongi – Mwirua				
82.	Mitundu – Matongu primary				
83.	Kigetuni – Giatha – Karia				
84.	Ha muceke – Karwe				
85.	Riakainge – Kagundu				
86.	Ha matenge – Gatembu – Mitundu				
87.	Mugeka dispensary – Gakira				
88.	Kabui – Ngiini				
89.	Mbari ya kamundu – gachirago				
90.	Gaitheri – kwa nyoro				
91.	Githanga – Kiambuji				
92.	Thuita – Kwa wadauti				
93.	Mugeka – Kigandaini				
94.	Kabui – Kahero – Mathioya				
95.	Corongi – Kwa mathu				
96.	Kamwaha – Gwa kigotho – Mwirua river				
97.	A.C.K church karaha				
98.	Karugia – Ngurweini Road - 10 kms				Grading, Culvert, Gravelling
99.	Mutoho – Kagumoini – Gaichanjiru Road – 10kms				Grading, Culvert, Gravelling
100.	Ngurweini – Kagira Road – 5kms				Grading, Culvert, Gravelling
101.	Ndiriini – Ngureini Road – 6kms				Grading, Culvert, Gravelling

102. Ndiririni – Kagunduini Road – 6kms				Grading, Culvert, Graveling
103. Ndiririni – Kagina Factory Road - 6kms				Grading, Culvert, Graveling
104. Kongos Road – 6kms				Grading, Culvert, Graveling
105. Karima – Gituya Road – 5kms				Grading, Culvert, Graveling
106. Kigua Road – 3kms				Grading, Culvert, Graveling
107. Kamathanju – Kagumoini Road – 4kms				Grading, Culvert, Graveling
108. Gaitanga – Kagumoini Road – 4kms				Grading, Culvert, Graveling
109. Muthitha – Ngurweni - Gakoigo Road – 6kms				Grading, Culvert, Graveling
110. Gakoigo – Mariaiini – Karugia Road – 10kms				Grading, Culvert, Graveling
111. Gakoigo – Mariaiini – Mutoho Road – 8kms				Grading, Culvert, Graveling
112. Manjuu – Mutoho Road- 8kms				Grading, Culvert, Graveling
113. Gaichanjiru Primary School – Gitambo - Mutoho – 11kms				Grading, Culvert, Graveling
114. Kagaa – Giathambu – Road – 3kms				Grading, Culvert, Graveling
115. Kagira – Ihururu Road – 3kms				Grading, Culvert, Graveling
116. Kaharati/Mai mahiu/kwa job road – 2km Grading, gravel patching, bush clearing				
117. Kaharati – kalia road – 3km – Heavy grading/Dozing, gravel, patching				
118. Maganjo – mumbu road – (2) 6km – Grading, patching, bush clearing graveling				
119. Iganjo – Dorome junction – 3km - Grading, gravel patching, bush clearing				
120. Gitare Tea buying center – Karindi – Kaharo Thika bridge – 8km				
121. Ngurumo ya thika(range) form site coffee – Githumu 10km				

122. Kaharo junction – Rwathe plot – Site coffee factory – 5km				
123. Kanguro – Ngoe range 6km				
124. Magomano center – Kibage – Ruowa 4km				
125. Gachirage center – Gachirage dispensary – 3km				
126. Magomano – Mukuria – Maraira				
127. Muiri-in plot – kiamatheri bridge 1km				
128. Maraira farm – Rugaita 3km				Grading, Culvert, Gravelling
129. Rwathe plot – Kagu road 3km				
130. Gichakayo – kiawangeny (Path & bridge)				
131. Gichagi – ini junction – Kangare – Kiruga – Gituru 8km				
132. Magomano – Mukuria – Maraira 6km				
133. Magomano plot – Kibage – Ruowa 4km				
134. Gitare primary school – Mukanzu coffee factory 1km				
135. Githumu plot – Karangi 3km				
136. Kangurugute tea buying center – Gichiga primary school – chicu junction 7km				
137. Mukangu primary school – Kahiga plot foot path & bridge				
138. Ngararia Shopping Centre– Hawamngi / Naaro Secondary School Road – 3kms – Grading, Murraming, Culverts, Bush Clearing				
139. Kaburugi – Kanjiru – Kibuu access road – 3kms - Grading, Murraming, Clearing of bushes				
140. Ha Mereka access road– Jovio – Naaro road – 2kms - Murraming, Bush clearing				

141. Kiriko police station – Mahutia Ha Charagu – 3kms - access road – Murraming				
142. Ha Gitebu – Kahera access road – 2kms - Murraming, Culverts				
143. Githiini – Kawendo road – Kahera Village – 2.5kms - Grading, Murraming, Culverts, Bush Clearing				
144. Kaburugu Primary – Kamutungi – Mathiru – Mugecha Secondary School – 5km - Grading, Murraming, Culverts, Bush Clearing				
145. Kibereke – Kariko – Ha Charagu – 3kms - Grading, Murraming, Bush Clearing				
146. Kiriko – Naaro road – 3kms - Grading, Murraming, Bush Clearing				
147. Gitige – Kahara access road – 2kms - Grading, Murraming, Bush Clearing				
148. Kwa hiti – Gitiri road – 2kms - Grading, Murraming, Bush Clearing				
149. Ngararia Secondary – Kirarii – Ha Muraya access road – 3kms - Grading, Murraming, Bush Clearing				
150. Waitua – Waitua P.C.E.A – Naaro road – 3kms - Grading, Murraming, Bush Clearing				
151. Ngururia Shopping Centre – Githiini (Ngararia Coffee Factory) rural access road – 2kms - Bush Clearing, Heavy Grading, Murraming, Culverts				
152. Kahuro – Githagura bridge 3km				
153. Githagothora kiumba – Mitarakwa coffee factory 10km				
154. Yamugwe – Rugaita – Mirichu stop 5km				
155. Gititu – Kiria – Ngaru – Muchungucha 6km				
156. Mugoiri – Mburi ya hiti – gitiri – Kahuro 6km				
157. Kiaguthu – Kiboi mutito 3km				

158. Mutunguru – Dr. kiano – Komba 3km				
159. Gitiri – Githunguri 2km				
160. Mburi ya hiti – Mesopotamia 3km				
161. Gititu – Kamaguta – Kiratina 4km				
162. Githioro – Munyutha – Kiria 3km				
163. Ndutumi – Mugumoini 2km				
164.				
165. Nduturi – Karima 2km				
166. Kiratina – Miumu – Gititu – Sheet 1 4km				
167. Gititu – Kamagut – Kiratina 2km				
168. Githioro – Maragua 6km				
169. Gathiru – mbari ya mbogo 1.5km				
170. Yamugwe – Gitindo – Kamoro 2km				
171. Yamugwe – Gachie – Kagira – Kiyo 10km				
172. Kwa paul kambuku 2km				
173. Gitaro primary school access road 1km				
174. Gatundu primary school access road 1km				
175. Kiaguthu – Gtahamana 1km				
176. Githagera – Gathima – Kiumba pry 2km				
177. Kiboi – Kahithe access road 1km				
178. Kaharo – Kiayatta pry 2km				

179. Mirichu – Mbari ya kiiru – Matito 2km				
180. Ngaru – Gakira – Kwa njeri 2km				
181. Staff – JJ access 1km				
182. Gatani – Mbari ya hiti 1.5km				
183. Miembeini kiriti – Nyandini 2.5km				
184.				
185. Gitiri – Kianjogu road 2km				
186. Mutithi ngurunga , Mutithi kinoo , Makuyu gathaiti roads				
187.				
188. All feeder roads in makuyu location				
189. All freeder roads in kirimiri location				
190. Gakira – Mariura Sec – Gathaith Access Road – Murraming				
191. Mariira F.T.C – Wakibugi access road – Murraming				
192. Ikumbi – Irima – Mukuna access road – Murraming				
193. Njiiris – Nguruweini – Gituri aces road – Murraming				
194. Sabasaba – Gakuyu – Githembe road – Tarmac – 20km				
195. Gakarati – Mbogoini – Mugomoini road – Murram – 13km				
196. Kandari – ndonga – Kairi road – murram – 14km				
197. Gatunguru – Kagongo – Kamungu road – murram – 3km				
198. Kahairo – Mwara – Kanjugu road – Murram – 3km				
199. Kahuho – Rwarithi – 3km Murram				
200. Mwema 3.1km murram				

201. Kambogo 1.1km murrām				
202. Mwototo 2.1km murrām				
203. Kagwathi – Ndonga – kagongo 4.1km murrām				
204. Githembe karuri bridge 1.2km murrām				
205. Mbari ya kuon’go 2.4km murrām				
206. Main Road: Miuu ya Ng’ang’a to Mukundi – 24kms – Graveling, Expansion, Grading, Culverts, Gabbion, Rock Filling, etc				
207. Kaguku Tree Road - Ngurunga Hills – 20kms – Culvert, Grading				
208. Kaguku – Kiriko Road – 4kms – Grading, Culvert Installation, Graveling				
209. Kanduri Primary - Mwanja Mbogo – Grading, Graveling, Drifts				
210. Hon. Njuguna – Wa Thuo Road – 3kms, Grading, Graveling, Culvert Installation				
211. Gatemi – Wa Wairimu – Kiriko - Expansion, Grading, Culverts				
212. Apostolic – Kamuiru Road - Grading, Culverts, Drifts to Cross				
213. Gachuhi – Mwanja Road – 5kms - Expansion, Grading, 2 drifts, graveling				
214. Gaichanjiru – Kagira – Kariua Road – 10kms				Grading, Culvert, Graveling
215. Kagaa –Ngurweini Road – 2kms				Grading, Culvert, Graveling
216. Kagumoini – Ngurweini Road – 2kms				Grading, Culvert, Graveling
217. Manijuu – Mamani Road – 3kms				Grading, Culvert, Graveling
218. Gituya – Githaitu Road – 3kms				Grading, Culvert, Graveling
219. Ndiriini – Kagira Road – 4kms				Grading, Culvert, Graveling

220. Ngurweini –Kawanjeru Road – 4kms				Grading, Culvert, Gravelling
221. Inter-roads - sababa markets (village). Total 5km – Grading gravel patching				
222. Pepakwa – rwangunu rd – 4km – Heavy grading, gravel patching, bush clearing				
223. Rwanguni – kalia rd 4km - Heavy grading, gravel patching, bush clearing				
224. Kamahuha – gatanga rd 5km- Heavy grading, gravel patching, bush clearing				
225. Hezekiels – Amani’s – Railway - Manyatta rd – 5km Heavy grading, gravel patching, bush clearing				
226. Ndathi’s – mihuro’s(rurii) Rd – 3km Heavy grading, gravel patching, bush clearing				
227. Reconstruction of Dorome – Maranjau Bridge				
228. Murraming feeder roads to horticultural rich areas of wathiani/Gathuri/kahaini/Kihumbu/Karathe – 20km				
229. Roads to be graded & bush cleared				
230. KORA SUBLOCATION				
231. Thuthuru – Mukui Road				
232. Gachiko Road – Mukui Road				
233. Njanjara Road – Gitugi Road				
234. Kora Road – Kora Factory				
235. Managu Shopping – Bagdad Road				
236. Warugara Road – Njanjara Factory				
237. Githai Shopping – Thuthuri River				

238. Hahunja Road – Kagumoini Shopping Center				
239. Igiriko – Dorome road - 5km – Grading, gravel patching, bush clearing				
240. Gathithi – Mukeu – Murarandia				
241. Kairi To Kaganda				
242. Thenge-Ini Gatuya Road				
243. Gathambara – Ngui Kenda Rd				
244. Kahithe – Gitiri Rd (Kariara)				
245. Kairichi – Kayahwe Rd				
246. Iwoi – Kianda Gia Ithanwa Rd				
247. Their Sec – Karii Rd				
248. Kahatia – Mukaragati Rd				
249. Karuri Ini – Kiaheho Rd				
250. Their Secondary – Ngoigo –Ini				
251. Mukumu Kihururu Rd				
252. Mukumu Mathanji Rd				
253. Kierere Kaireti Rd				
254. Matharite Githiga Rd				
255. Karuri Market – Kirogo Police post – Kigoro Heath center			1Km	Upgrde to Bitumen
256. Koimbi Junction-Kahuti Market			1Km	Bush clearing Pot holes Patching Recarpeting
257. Haminai – Ithiki Primary school- Hangumba- Gitui ACK Church – Gutui Pri – Kayahwe			8Km	Bush clearing Pot holes Patching

				Recarpeting Scour Checks
258. Karichiungu – Karenmbu- Kirembu – Kiama Quarry, Mukungai Bridge			4Km	Bush clearing Grading Culvert Regravelling
259. Koimbi Market - Gitie Wanjengi Market-Gituto Sec			8Km	Bush clearing Grading Culvert Scour checking Regravelling
260. Kahuti Market rural road – Wajengi primary school			6Km	Bush clearing Pot holes Grading, gravelling Patching
261. Githuku Junction – Githunguri – Githithimo			10Km	Bush clearing Culvert Bozer work Gravelling and Grading
262. Koimbi Junction-Kahuti Market			1Km	Bush clearing Pot holes Patching Recarpeting

Bridges

1. Gachai – Kayura Rd – Culvert Bridge				
2. Gitui Gatheru Junction Bridge				
3. 5 foot bridgr at Mukungai river (Wangu – Mugoiri)				
4. Kahyahwe River bridge (
5. Rwaithi – Gakarati				
6. Karurumo – Kianjuru – Bridge				
7. Ihiga – Mugumoini - Foot Bridge				
8. Gitwikira – kioho – Bridge				
9. Tundumu – Weru - Foot Bridge				

10. Kangari – Ngoeni - Foot Bridge				
11. Githagara – kaighungu bridge				
12. Githogora – faringwe foot-brdge (box culverts)				
13. Kahuro - Kanyota footbridge				
14. Mbari ya kiongo				
15. Karurumo – Ichichi – Bridge				
16. Iganjo maranjau foot bridges				
17. Kiha/siranga foot bridges				
18. Kiha/nyati B foot bridges				
19. Kahuro - mirichu footbridge				
20. Kahuro – Gitiri footbridge				
21. Mitarakwa – Gatundu footbridge				
22. Maragwa kwa ngeru footbridge				
23. Mirichu – Kinyona footbridge				
24. Githagara – kaighungu bridge				
25. Kagwathi – Ndonga				
26. Kandari – ndonga				
27. Mukarara (gateipuru) – kirwara foot bridge				
28. Kigetho – mukarara footbridge				
29. Wakarugi – gathame drift construction				
30. Githambia pry school – kigetho footbridge construction				

31. Gichiru to kiriga – footbridge				
32. Kiunyu coffee factory footbridge				
33. Mugogo Wa Ngui Kenda (Maragwa River)				
34. Gathaithi Foot Bridge (Maragwa River)				
35. Gatara Foot Bridge (Maragwa River)				
36. Gatuya Foot Bridge (Muriuriu River)				
37. Kiayata Footbridge (Muriuriu River)				
38. Ngorano Foot Bridge (Kariuriu River)				
39. Kamwiyoni Footbridge (Itare River)				
40. Karii Footbridge (Kayahwe River)				
41. Kahithe Footbridge (Kayahwe River)				
42. Mukeu Bridge Maragwa River				
43. Provide 11 Brigdes To Be Used Along Maragwa And Irati Rivers In Various Points To Connect Murarandia, Kanyenyaini, Kangari, Kigumo And Mugoiri Wards				
44. Gatuya Thenge-Ini Bridge – Muriuriu River				
45. Riangechu mumka (Makindi River Gaci Bidge				

Culverts				
1. Umbui road – 5 culverts				
2. ACK road umbui – 5 culverts				
3. Umbui – kimondo road – 5 culverts				
4. Kiri road – 5 culverts				
5. Kamethi road – 7 culverts				

Projects Names Location	Ward	Objectives	Targets	Description of activities
Karuma Bridge	Mbiri	To promote access and link areas	Upgrade and widen bridge	Construction
Gaitega-Gacharu Bridge	Mbiri	To promote access and link areas	Upgrade and widen bridge	Construction
Gaitega-Thengeini Bridge	Mbiri	To promote access and link areas	Upgrade and widen bridge	Construction
Makutano-Gikuo Bridge	Mbiri	To promote access and link areas	Upgrade and widen bridge	Construction
Gaitega-Maragi Bridge	Mbiri	To promote access and link areas	Upgrade and widen bridge	Construction
Irioko ria Kamondu-Machagara Bridge	Mbiri	To promote access and link areas	Upgrade and widen bridge	Construction
Kaimbugi-Gaitwa Bridge	Gaturi			
Green-Ndurumo Bridge	Gaturi			
Kabui-Kambara bridge	Gaturi			
Karia-Unjiru Bridge	Gaturi			
Kaigwa-Kiamuri Bridge	Gaturi			
Mugeka-Geitwa Bridge	Gaturi			
Gaturi-Gicii Bridge	Gaturi			
Karia-Kagandu Bridge	Gaturi			

Kambirwa-Mirira Road	Mbiri	To improve access road network		Gravelling
Kambirwa-Gikuo Road	Mbiri	To improve access road network		Gravelling
Muthigiriri-Marewa Road	Mbiri	To improve access road network		Gravelling
Maragwa A-Maragwa R Road	Mbiri	To improve access road network		Gravelling
Kambuigi Gikindu Secondary-Junction Road	Mbiri	To improve access road network		Gravelling
Thailand –Main Road	Mbiri	To improve access road network		Gravelling
Thanju-Kanjoya-Rapid Road	Mbiri	To improve access road network		Gravelling
Thangathi-Githuri-Karumia Road	Mbiri	To improve access road network		Gravelling
Kanjoya-Thangathi Road	Mbiri	To improve access road network		Gravelling
Gikandu-Kiawanjugu Road	Mbiri	To improve access road network		Gravelling
Gikandu-Kiawira Road	Mbiri	To improve access road network		Gravelling
Karembu-Gikandu Shopping Road	Mbiri	To improve access road network		Gravelling
Thunde-Gaitega Road	Mbiri	To improve access road network		Gravelling
Karaha-Gituri Road	Mbiri	To improve access road network		Gravelling
Mukuyu-Kongoini-Kambirwa Road		To upgrade road network to Bitumen.		Tarmacking
Mumbi-Kambwe Road		To upgrade road network to Bitumen.		Tarmacking
Mumbi-Kandudu-Muthigiriri Road		To upgrade road network to Bitumen.		Tarmacking
Murang'a Town-University-St. Mary Road		To upgrade road network to Bitumen.		Tarmacking
Kaweru-Mukurweini-Gakurwe Road		To upgrade road network to Bitumen.		Tarmacking
Mugeka-Gitwa-Thuita Road		To upgrade road network to Bitumen.		Tarmacking
Gaitheri-Thuita-Kamune Road		To upgrade road network to Bitumen.		Tarmacking
Gaicharago-Kairi-Gakurwe Road		To improve access road network		Gravelling

Gwa Kamama-Mukurweini Road				
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Education

Project/Location	Priority Ranking	Objectives	Targets	Description
Upgrading the Polytechnic				Upgrading and equipping various polytechnics in the county these include: Ngurweini Polytechnic, Kariua Polytechnic, Karugia Polytechnic, Kahumbu hill youth Polytechnic, Kiangare, Kagunduini polytechnic, Gituru polytechnic, Gacharage polytechnic, Kamukabi polytechnic, Kiranga polytechnic, Nguthuru Polytechnic, Ichichi Polytechnics, Ithiru polytechnic, Kirwara polytechnic, Mungaria Polytechnic, Gatara Polytechnic and Murarandia Youth Polytechnic
Construction of Polytechnic				Construction of one Polytechnics in Ithanga Ward, Ngararia Ward, Kigongo polytechnic in parcel No. 1072.lo.c.15/kigongo, Kinyona location, Gacharage location, Gachocho location, Kiiri polytechnic, Githiga Polytechnic, Kiriane, Githunguri, Thuita and Kibaaka Polytechnics.
Establishment of Early Childhood Development Centers				Establishment of Early childhood development centers within Murang'a county in the following locations: Kagira A. Nursery, Kagira Primary ECD, all primary schools – Gaichanjiru Zone, Gaturi ward, Ruchu Ward, Mugumo Rubiru, Gachagi, Kiriko, Muruka Ward, Ithiru Ward and all shopping centers in Rwathia Ward, Kawariuwa, Nursery School; Mugumoini ward, Gatanga Ward and Kyaume nusery school to be upgraded.
Nursery schools				Construction of Nursery and Primary schools at Kawendo,Njaini, Kiunyu 'B' Thagari Majuu, Wangai, Makenji, Gitiri village, Mugumoini area, Gaichanjiku, Rural area, Mwitumberia, Kaseve, Kihara, Gathaiti, Muhohoyo and Kibuu nursery to be upgraded; Gaitengi and Gathuthu nursery to be upgraded.
Establishment of New Primary Schools				Establishment of New Primary Schools i.e Karichiungu Primary school, Kieni Nursery school, Mugumoini Primary school, Gaichanjiru pri school, Kamiti, Ngurunga, Riural, thagari and Mirini Primary School.

Upgrading Primary School			<p>Expand 11 primary schools in Gaichanjiru Ward, Renovation of all primary schools in Mugoiri Ward, Kahumbu Ward. Construction of admin block in Mwanibongo Primary School.</p> <p>Construction of new classes at Kahuti Primary, Rwandegwa, Thagari and Githoya School (New) for class 4 -8, Kairitu Primary School (New) for class 4 – 8, Kimotho Primary School – 2 classes and Njoguini primary school</p> <p>Renovation of 10 Classrooms in primary schools in Rwathia Ward Paint all the 16 public primary schools in Kinyona Ward</p> <p>Classes for St. John Primary School, Holy Rosary Primary School, Kibutha Primary School</p> <p>Rehabilitation of all primary schools in Ithanga, Gatanga, Mitubiri, Kariara and Mugumoini.</p>
Upgrading the Secondary schools Laboratories			<p>Upgrade laboratories in the various secondary schools in the county including Kiboi secondary, Kahuro secondary, Kiumba secondary, Yamugue secondary, Mirichu secondary, Kamaguta secondary, Kagumo secondary, Ndutuni, Kiiri, Kirigithu secondary, Dr. Kiarp secondary, Nyagatugu, Kaguthi Secondary School, Kihoya secondary school and Kirunguru secondary schools in Kahumbu Ward, Kahariro, Kiguoya secondary school, Gituru Secondary School, Kandara Mixed and day secondary school in Gaichanjiru, Muruka and Ngararia Wards.</p> <p>Upgrading of Giatutu Secondary, Jogoo Kimakia Secondary, St Basil Gathaji Secondary, Kyaume Secondary, St Teresa Secondary and all the secondary schools in Ithanga ward.</p>
Construction of New Classrooms, administration blocks and library in the Secondary schools			<p>Construction of New Classrooms administration blocks and library in the Secondary schools i.e Wanjerere Secondary School, 9 secondary schools in Kinyona, Ithini, Muruka, Ngararia and Kangunduini ward, Kahuro secondary, Kiumba secondary, Kiruri Secondary School day school</p>

Establishment of new Secondary Schools				Establishment of new Secondary Schools at kaha- ini, kandani secondary school and Mabaie secondary school. Upgrading one secondary school to offer boarding facility in Kahumbu Ward, Ngurweini, Rukira, Muirini in Ngararia Ward.
Adult education center				Construction of an adult education center at Ruchu Ward, 5 centres in Gaicenjim ward.
Set up revolving trust fund for students				Set up revolving trust fund for students at Kamahuha Ward, Ithanga Ward, Gatanga Ward and Mugumoini Ward.

GILOS

Project	Priority Ranking	Targets	Description
Administrative Offices			Construction of DO's office at Kangari town; construction of DCIO offices at Kangari and Gichi- ini; construction of Administration Police Posts at Mungaria, Gakuyu shopping center, Ngutheru coffee factory, Thuita market, Kairi market, Iruri market, Gacibi market, Kandabibi market; construction of Chief Posts at Mugumo; establishment of Chief Camp at Giathanin; construction of Assistant Chief Offices at Kyaume, Mukundi, Kibutha chief's camp
Police Vehicles (County Wide)			Provision of police vehicles.

Security / Flood Lights			Erecting high mast security flood lights at Kahaini Shopping Centre, Ngararia Shopping Centre, Kibereke Shopping Centre, Kaburugi Shopping Centre, Kibuu Shopping Centre, Mathuri Shopping Centre, Giathanini Shopping Centre, Kaguku Shopping Centre, Ngililya Shopping Centre, Kyaume Shopping Centre, Junction Shopping Centre, Mwanja Mbogo, Gakuyu shopping center, Kandari shopping center, Githembe shopping center, Mugumi-ini shopping center/chiefs camp, Karuiro, Gachochi, Gatumbi, Rarakwa, Muto, Gikoe, Gacharage, Mukoma, Hilton, Boro, Gichuka, Kagundu, Mukoe, Karinga and Magomano. Chomo Shopping Center, Kirwara Market, Kiriami Shopping Center, Giatutu Shopping Center, Gatunyu, Kigio Center, Mabanda Center, Rwengetha, Ithangari, Mabaie Shopping Center, Mukangu Market, Karuri Market, Kahuhia Market, Gathinja Market, Koimbi Market, Kahuti Market, Wanjengi Market, Gituto Market, Gitige Market, Gitui Market, Gatheru Market, Koimbi Junction, Gitweku Junction, Karembu Market,
Muranga County Offices			Construction of a modern county assembly, additional county assembly offices, restaurant, library, perimeter fence and land scapping in the premises of the assembly.

Social Protection, Culture and Recreation Sector (SPCR)

Project	Description
Seedlings	Set up of youth and women group projects to provide seedlings to county. (Gaitengi tree planting youth and women group)
Projects	Provision of moulders for sand hatcheries in Giathanini, Ngililya, Kaguku and set up of concrete making enterprises.
Group Funding	Provision of emergency funds for calamities such as flood/drought; enhancing Women and Youth Groups with Njaa Marufuku Funds and disability fund to support people with disability groups for economic empowerment (in form of grants/ revolving fund).
Social Halls	Construction of social halls at Mithini Trading Centre, Kihoya, Thuita, Wahundura, Kairi; completion of Kahuro, Githagora social halls, Kiriani

	<p>Gatanga and Ithanga social halls.</p> <p>Renovation and completion of Kandara and Gathaithi social hall</p> <p>Upgrade county hall at township ward Kiharu estate to accommodate 200 seating capacity with theatre facilities.</p> <p>Upgrade social hall in Murang'a town previously known as municipal hall.</p> <p>Intiate another Social Hall in Murang'a Town</p> <p>Upgrade Kabuta Social Hall to have theatre facilities</p>
Youth / Sports Centers (County Wide)	<p>Purchase of equipment for Youth Centers and provision of sports facilities in areas like Kahuro, Kiawambuth, Nguthuru, Karumu and Kiranga</p> <p>Kagira and Kagumoini Athletics Clubs, Mathenjagwo Sports Club, Kamguini – Githunguri sports center</p>
Stadiums	<p>Rehabilitation of all Ward stadiums. Establish A Well Equiped Social Hall. This Will Help The Youth To Know And Develop Their Talents.</p> <p>Upgrading of Matenjagwo and ngurweini Stadium to a modern stadium</p> <p>Upgrade of Giachuki and Ihura Stadium; fencing, construction of seating galleries in the stadium, grass carpeting and official dias.</p> <p>Construct next stadium in Mugoka field Gaturi ward and the other in Gathukeini fields.</p>
Sports Grounds / Fields	<p>Levelling of Kyaume Football Ground, upgrading of Giathanini Football Ground; grading and establishment of at least four good playgrounds; upgrading of playing grounds at Kinyanjeru, Kiwambugo, Nyagaturu, Wayerere, Tuthu, Gaitheri Primary School, Gatanga Primary School and establishment of disable friendly sports grounds (fields);</p>
Vocational Rehabilitation Centres	<p>Upgrading of rehabilitation centers at Kangema Sub County; construction of rehabilitation center in Maragwa, Kahumbo Gakeu, Muthithi and Kandara sub counties that should cater for all disabled persons, training and assessment for talent identification.</p> <p>Upgrading of Muriranjias vocational Rehabilitation Center</p>
Special Schools for persons with disabilities	<p>Every ward to have an office to cater for the needs of persons with disabilities and ease coordination</p> <p>Every Primary school to have a unit for children with special needs</p>
Children's homes	<p>Upgrading Kiombi, Kandara and Mugumoini childrens' homes to serve the</p>

	entire county
Elderly homes	Construction of a home for the elderly in Kigumo (women), upgrade and renovation of Gaturi home for the elderly (men) and construction of a home for the elderly in Gatanga sub county (women) and Maragua subcounty (for men)
Youth Co-operatives	Establishment of 100 youth cooperatives in different fields
Resource Centre	Establishment of four libraries cum information technology centers in all the wards. i.e.one per location
Tourism	Establishment of tourist hotel at Aberdare forest environs; establishment of viewing sites along Wanyerere – tuthu road; improvement of the tourist caves in Aberdare forest; construction of culture and historical center to attract tourists and construction of Karuri Gakure monument. Construction of Mau Mau war veterans monument at Kirwara Market
Youth Polytechniques	Rehabilitating and equipping of Kanyuire Youth Polytechnic; construction and equipping the Proposed Rwathia, Ithiru, Ngurweni and Ngathuru youth Polytechnic.

(Infrastructure

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
Provide foot paths for people with disabilities for those using wheel chairs and white canes for the blind.	1	Ease of mobility and access	Persons with Disabilities and other vulnerable groups	Construction of smooth paths along the roads and between buildings
Reserved parking for persons with disabilities	1	To minimize hardship and difficulties in mobility looking for parking	Persons with disabilities and other vulnerable groups	Reserve Parking in all buildings, streets and roads
In every public building, there should be a ramps for persons with disabilities for people with disabilities to be able to access all public facilities including buildings, toilets and offices, playing fields etc	1	Ease of Access	Persons with disabilities and other vulnerable groups	-construction of footpaths and ramps
Construction of reserved paths and special toilets opening outwards for people with disabilities	1	Ease of access	Persons with disabilities and other vulnerable groups	Construction of special toilets with doors opening outwards

Social

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
Sports fields – The sports ground (fields) should be disability friendly.	1	To ease accessibility of PWD and encourage participation in the sports	PWD	Special sports Special equipments
Upgrading Kiombi and Kandara children's home to serve the entire county.	1	Lift the living standards of the orphans and children	Orphans and vulnerable groups	Renovation of the homes Additional staff in the homes
To set aside disability fund to support	1	Empower the disability groups in all fields i.e.	Persons with disabilities &	Provision of fund for individuals and

individual disability groups for economic empowerment (in form of grants/ revolving fund).		socially, economically and culturally	vulnerable groups	groups
Every ward to have an office to cater for the concerns for the persons with disabilities and ease coordination.	1	For ease of co-ordination and dissemination of issues among the people with disabilities	Persons with disabilities & vulnerable groups	Provision of personnel and equipment
To complete and place and old people in Kigumo (women only).	1	Take care of the neglected old women	Old people	Complete the center for the aged
Upgrade and renovate Gaturi home for the old men	1	Take care of the neglected old men	Old people	Renovation of the centers for the aged
Identify sports talents for people with disabilities	1	Nurturing and developing talent among the people with disabilities	Persons with disabilities & vulnerable groups	Funds allocation to identify talents in sports
Provision of sporting equipment, e.g. tricycles, shortputs, musical, Instruments etc.	1	Nurturing and developing talent among the people with disabilities	Persons with disabilities & vulnerable groups	Procurement of the sporting equipment
Translators for people with hearing impairment.	1	Enable communication with people with hearing impairment	People with hearing impairment.	Hiring translators for people with hearing impairment
Braille transcripts interpreter for the blind.	1	To assist the blind read	The blind	Purchase of braille transcript interpreter

Environment

Project Name Location/Division	Priority Ranking	Objectives	Targets	Description Of Activities
To be trained on carbon credit management	1	Economic empowerment Clean environment	PWD	Training materials Trainers
To be provided with seedling for tree planting for sale	1	Economic empowerment and provide the market	PWD	Tree planting
Training on seed and	1	Economic empowerment for	PWD	Training material

seedbed management		people with disabilities		Trainers on Seedbed management
To introduce energy saving stove and solar energy in every homestead with persons with disabilities	1	Economic empowerment for people with disabilities and vulnerable groups	PWD and vulnerable groups	Provision of energy saving stoves, solar lights etc
To be provided with seedlings for food production	1	Food security for the people with disabilities	PWD and vulnerable groups	Provision of seedlings for crop production
To be trained on how to harvest, store and efficiently use water for production (e.g. domestic use and irrigation)	1	Economic empowerment for people with disabilities and vulnerable groups	PWD and vulnerable groups	Training on harvesting, storage and efficient use of water

ANNEX- FOOT BRIDGES

WARD		SPECIFIC ROAD/ RIVER/ AREA
1.	Gatanga	Construction of footbridges in the following areas; Gathangari- chomo coffee factory; thare primary school- kairi; Kaweru foot bridge; ibuteti river; gathaini- Kiriti; gathong'a- kagogo; kagogo- gatei; gatei-rweng'etha; mabae- ruthiruini; gatanga- ngungugu; karimuli- kairima; kamanu- gathagari; thare-kamirundi; gathagari- kamarundi; miirini- gathanje; ngangu- mukarara; Gachogu- kiarika footbridge. Construction of main bridges in the following areas; Gathangari gakiama;
2.	Ithanga	Construction of footbridges in the following areas; Mwanja Mbogo Drift, Mukundi- Kagemi drift, mama mungai drift; thome drift; Kamuiru- ndithini drift; mama gathoni- ndithini drift; Kiriko nithini drift; katemi- ndithini drift; wa Morgan- gathumbi drift; kwa gachuhi – mukuri drift; muhora- baba faith drift Construction of main bridges in the following roads; Ngelelia- kaliala bridge; st. Teresa waboro bridge; karenju ndithini bridge; ngomongo mbusyani bridge; Kaguku- kawethei bridge; Kaguku cornerstone bridge; nzula- kasooni bridge
3.	Mugumoini	Construction of three main bridges in the ward
4.	Kariara	Construction of main bridges in the following areas: Kiawamarwa; kwa wairangu (kiama bridge); kiandiu; gatunguru (Kiama bridge); Pluto bridge
5.	KAKUZI MITUBIRI	Construction of bridges in the following areas; nanga gatuanyaga bridge; mwana wikio landless bridge; tala kabuku bridge; gatrikira kabuki bridge; kamurio briddge; Gatwikira Thamuru bridge kwandoge bridge; ginye bridge; muti bridge; hamutune bridge Construction of drifts in the following areas; kwa Esther drift; kwa gatuva drift; kwa miatu drift and gitumbo drift
6.	MURUKA	Construction of footbridges in the following roads; kwa Morrison- Gatitu; mbuko- Gatitu primary; kabogo river- waithaka; Kiunyu river- Ngirima; Kiunyu- ngangaini- gachii farm; Construction of main bridges in the following roads riangechu; Kirurumo; Muruka coffee factory; kware; rurii- gatandi; mwanja mburi; rianguini- thungi
7.	Ruchu ward	Construction of footbridges in the roads: Njehia gichu- kiamatheri, Githumu- gitaibuka, gitare- kibarabari, mutheru factory- rugaita, muhirini- kiamatheri, mukangu- kahiga, thugi- karuku, iriaini- kianwe, iriaini-gichagani, gichakayo- kiawangenyee, kairini- kiganjo, muirini- gatuikira
8.	NGARARIA	Construction of footbridges in the following areas; mahutia and Kibuu- quarry footbridge
9.	Ithiru	Construction of foot bridges; thugi, kibai; boboti; gaichairuga; riakirugu; mukinyathwe; Ndiara; itwika; wakweru; kagono and Kiriti- mutitu bridges
10.	GACHANJIR U	Construction of foot bridges in the following roads: Kieini- Ndiriini (Gaci river); Gitambo- Ngurweini (Mutoho river); Manjuu- Mariaini (Mutoho river); kagumoini- Nuthitha (Mutoho river); ndiriini- kagira (Gakayu river); Kagira- Ngurweini (Mutoho river); Kagira- Mahuria (Gakayu river); Kagumoini- Githunguri (Gaci river)
11.	Kagundu-Ini	Construction of footbridges in the following areas; karuhiu coffee factory bridge; gitura manjuu primary school bridge; machegecha githama bridge; Githunguri kabuki river bridge; muhuti-ini- kabuki river bridge
12.	Rwathia ward	Construction of footbridges in the following roads: Kiama nyungu- kwa mwangi mutuga, matara- mathioya
13.	Kanyenya-ini ward	Construction of footbridges in the following areas/ roads: Githiga- Karie, Githiga- Munguru, rwambogo- matara, kiagochi- Ichichi, Kariciungu- matara, kanyenyaini- rwathia,
14.	Gaturi	Construction of footbridges in the following areas; kigatuini secondary- wathanga road; mileria- Kagundu road; gituahiu wathanga road; gituahiu- guchura; gatabara- mutunguru road; kabuta- karaha road; green-ndurumo road; Gaitheri- kwa nyoro road; kiabugi- githanga road; kiabugi shopping centre behind road; karia- unjiru road; rutune- gingitini road; kagwasi- mwirua road; mrirua- jambo bwana 3 footbridges; kariga- kiamuri road; kaigwa- kiamuri road; isanjeru- kimangu road; gichie- gaturi road; gaturi- karaha road; kaboi- kambara road; muringa- gitungi road; thuruthuru- Gatitu road
15.	Murarandia	Construction of footbridges in the following areas: Gathaiti, Gatara, Gatuya, Kiayatta, Ngorano,

		Kamwiyoni, Karii, Kahithe, Mai- maingi
16.	Mugoiri	Construction of footbridges in the following areas; kahuro- Gitiri; mitarakwa- gatundu; kahuro- kanyora; murai- mbari ya hiti; Kamaguta- ngida; kwa gero- gathera; mathathi footbridge; Mesopotamia- gatundu; Gitige- mugoiri; kahuro- mirichu
17.	Township	Construction of footbridges in the following areas: Bishop kairu mjini footbridge, kabwe kamwiru main bridge,
18.	kamacharia ward:	Construction of footbridges in the following areas in kamacharia ward: Kairi sublocation 5No. Footbridges; Thita sublocation 4No. Footbridges; Kamune sublocation 3No. footbridges; Iruri sublocation 6No. footbridges; Kihuro sublocation 2No. footbridges; Wahundura sublocation 4No. footbridges; Kamacharia sublocation 3No. footbridges; Gikindu sublocation 2No. footbridges;
19.	Kiru ward	Construction of footbridges in the following roads: thuruthuru; gichane; rumaruma; ithirandu; kora; kangari; gatiku-kihari; wachira; kairo; gwa kariri
20.	Gitugi ward	Construction of foot bridges in the following areas: Ruiru- Mugeci- kamotho, yakarengo- Nyakahura, Kiawanduma- iyego, gikiri- Karugia, Matuto- Kanorero, Karung'e- Gituri, NJumbi- Mihuti, Kiagararo- Kihoya (along river Gondo and mathioya ma iyego rivers) -Ruiru- Kwa ndami, kiangoma- mweru, gikunguru- Gakuyu, Kangui- Gakuyu, gwa komu- Gakuyu, Kihitini- Muringa, Kanjahi- Kora, Kairini- kiru, Gatunguru- Kiru (along mathioya ma-gatuaciuma river) Gwa karongo- kiawanduma coffee factory, kwa ngure- kiawanduma coffee factory (along thakumi river);
21.	Ngida	Construction of footbrides in the following: Gathera sublocation: 5No of foot bridges; Itaaga sublocation: 4No of foot bridges; Kaharo sublocation: 4No of foot bridges; Irembu sublocation: 2No of foot bridges; Rurago sublocation: 2No of foot bridges; Gakoigo sublocation: 2No of foot bridges
22.	Kambiti	Construction of footbridges in the following: Maranjau maragua ridge (Thara river), ndoromo- maragua ridge (Thara river), Kambiti- Gitune, Rwambongo- Ngenda farm, Mimehang'o- Gathanga, Dip-Muchangara (Thara river)
23.	Kimorori/ wempa ward	Construction of footbridges in the following: Thangira village- Athaara Viilage; thangila village- Gathungururu village; Kagaa shopping centre- Makeu village; Kitipanga village- Kangangu; Gikono Village- Kangangu village; Nginye- Ngimu village; Magoto village- Kwanyato village; Kwa wanguku- Kwanyato village.
24.	Kamahuha	Construction of footbridges in the following areas; siranga- nyati primary; nyati A- nyati primary; Kamuiru- marangua ridge; Kihumbu- karathe road; Gathuri- athara road; kahaini lower- samar; kiha- thara road; thar- gathanga road; wairuri- karia road; kahaini- karinga road Construction of main bridges in the following areas; thaara river bridge connecting dorome and maranjau; thaara river railway brigde connecting wathina and wathungururu; maganjo- mumbu river bridge – improvement; ngumbu river bridge- improvement; karungiro marangua ridge bridge; Karia- wairure bridge
25.	kihumbuini	Construction of footbridges in the following roads: gathanji- gatinguru; kwa wanyoike- gathama; mwambato- gathungu; thuita- paul mbiu (starecase); kiarika- gathanji; njae-ini (starecase); gatinguru- kigetho; gathama- thuita primary; githunguri A- Gichuru village; njae-ini- mbari- ruga; kibaaka- Gatuko; kihumbuini- cimbici; ngoeini- gathama; cimbici- kabaaka; kahethu- kiawaingo; gathama- jasho; baseline- thika river; kiawathi- mwambeto; ritho road; kahuhi; gacuhia- mabanda; kiunyu- wambaru; kiunyu- gatoke; unyiru-ini; kiawanjuri; rianjua; kiawathi- kagongo
26.	Kigumo	Construction of footbridges in the following roads: tururu, Nguku, Kariaini nguku, suta, nguku kariua, kaimiri githima, githima thangaini
27.	Muthithi ward	Construction of bridges in the following areas: matuto river on heho- mbunge road; matuto river on heho- gathatheini; thamara- kahiti road on sabasaba river; kororo- kaandani on sabasaba river; njora- githunguri on sabsaba river; ngithunguri- githama on gatune/ sabasaba river
28.	Kahumbu	Construction of foot bridges in the following roads: Kabogo- irigiuro, Mumbu- wamahiga, sabasaba- Gakarati, mbongoini- muthithi, mugumoini- kambi, kwa njata- kimachu, kimachu- githima, goiti- mbogoini, githembe- kimachu

ANNEX 7.5: EDUCATION SECTOR WARD PROJECTS

Project Location	Project Name	Objectives/Locations
Kihumbuini Ward	Construction and equipping of Resource Centers	Establish a Resource Centre at Kihumbuini
	Renovating and Equipping of youth polytechnics	Renovate/equip youth polytechnics at Kibaaka, Thuita
	Establishment of new polytechnics	Establish a new polytechnic at Mukarara
	Renovation of primary and secondary schools	1. Renovate Primary Schools at; Gituamba, Kiunyu, Kihumbuini, Kibaaka, Nyaga, Paul Mbuyu, Thuita, Gitambia, Mbari ya Ruga, Gatiiguru 2. Renovate Kiamwathi Secondary School
	Establishment of new Secondary School	Establish new Secondary School at Kihumbuini
	Construction of Laboratories	Construct Laboratories at secondary schools; Kiunyu , Gituamba, Githambia Mixed Day, Kiamwathi sec Nyaga Sec - New
	Construction of Classrooms/Dormitories	Construct Class rooms / Dormitories at secondary schools Gituamba, Mbari Ruga Sec, Kiamwathi Nyaga Sec - New
	Construction and renovation of toilets	Construct /Renovate toilets at Gatiiguru secondary
	Upgrading of Nursery School to a primary School	Upgrade Njaiini Nursery School to a primary School
	Improvement of ECD Centers	Improve ECD Centers at; Kihumbuini, Rugaite, Kibaaaka, Gaikamba, Gatuku, Kiunyu A, Kiunyu B, Kahethu, Gituamba, Kiawahinya, Thuita, Nyaga, Kiahuriini, Mukarara, Gatiiguru, Mbari ya Ruga, PaulMbuyu, Kigetho, Thuita Special school
	Establishing of special schools	Establish a special school Thuita
Kamacharia Ward	Construction / Renovation of new Class rooms for ECD classes	Construct / Renovate Classrooms for ECD centers at; Karugiro, Kairi, Ngechu, Gakoe , Kangongi, J. J. Kamotho, Mukui
	Upgrading of polytechnics	Upgrade polytechnics at; Kairi, Thuita, Kamune, Kianyaga, Gikindu, Wahundura
	Leveling of play grounds	Level play grounds of primary schools at;

		Karugiro, Iruri, Thuita, Kihuro, Kangongi, Mukui, Wahundura
	Upgrading / Renovation of primary schools	Upgrade Kairi primary to a boarding /day primary school
	Upgrading / Renovation of Secondary schools	Renovate / Upgrade secondary schools in the ward
	Establishing /of new secondary school	Establish a new secondary school at Kairi
Mugoiri Ward	Upgrading of Secondary Schools	Upgrade Secondary Schools at; Kiumba, Kahuro, Kiboi, .Kamaguta
	Renovation of Pry and ECD Schools	Renovate Primary and ECD Schools at; Kiboi, Kiumba, Kiaguthu, Kiumu, Murai, Mbari ya hiti, Gitiri, Gatundu, Gitaro, Kari, Kamaguta, Kiguru, Nutumi, Kagumo, Gathiru, Ngaru, Mwara, Githagara, Yamugwe, Mirichu, Kiyu, Muthiria, Gachiku
	Upgrading of Secondary Schools	Upgrade Secondary School at; Kiumba, .Kahuro, .Kiboi, Kamaguta
	Construction of New Nursery School	Construction of New Nursery School Irewa Nursery, Kagira
Mbiri Ward	Construction/Renovation of class rooms to ECDE Centers	1. Renovate classrooms to ECD schools at; Kiawambeu, .Ndikwe, .Muchungucha, Gikandu, Githuguya, Maragi, Kiangochi, Muthigiriri, Kambirwa, Marewa, Matithi, Gitungano, Mirira, Githuri, Mamumbu, Kiangatia, Thangathi, Gaitega, 2. Construct classrooms to ECD centers at; Githunguri, Kiawanjugu, Thangathi, Gikuu, Wandaka, Gitei
	Renovation and Equipping of special schools	Renovate/ Equip Mbiri Special Boarding school
	Upgrading/Renovation/Equipping of polytechnics	Upgrade/Renovate/Equip polytechnics at Gaitega, Kambirwa, Maragi, Baraka, Kiangatia, Gikandu
Ichagaki Ward	Construction of new and adding classrooms to primary and secondary schools	Construct / add classrooms to primary and secondary schools at; Mitundu , Arurumo, Mugumo, Kianjiruini
	Construction of new Secondary school.	Construct new Secondary school at Wairuri Village, Upgrade Ichagaki Mixed Secondary
	Construction of new ECDE Centre	Construct new ECDE Centre at Ikuyu village
	Renovation of ECD Centers	Renovate ECD Centers at; Gikomora, Kiriti, Ichagaki, Kianjiruini, Mutundu, Wairuri, Githuya, Munguini
	Upgrading/Renovation/Equipping of polytechnics	Upgrade/Renovate/Equip polytechnics at

	ipping of polytechnics	Mugumoini and Gikomora
	Construction of Community library	Establish Community library at Mugumoini of Kianjuruini sub location
Muruka Ward	Renovation and equipping of primary school and ECDE	Renovate Primary Schools/ECDE centers at; Muruka, Kiranga, Mutundu, Kiawambutu, Gatitu, Kanyekiiini, Kariko, Ngutheru, Makindu, Karumu, Rukira
	Renovation and equipping of secondary Schools	Renovate secondary Schools at; Muruka, Kiranga, Kiawambutu, Gatitu, Ngutheru
	Construction of new secondary and primary school	Construct a new secondary school at Muruka sub Location and a primary school at Rukira village
	Establishing / Renovation of youth polytechnics	1. Renovate/equip youth polytechnic at Gutheru 2. Establish youth polytechnic at Karurumo pry school
	Construction of polytechnic / Technical schools	Construct / Upgrade polytechnics / Technical schools at; Maragi, Githuri, Gikandu, Gaitega, Baraka, Gikindu, Ndikwe
	Construction and equipping of Secondary Schools	Construct / equip Secondary Schools at; Githuri , Maragi, Kiangochi, Karemaini, Kiawambeu, Muchungucha, Gikandu, Mirira
	Upgrading of primary schools	Upgrade primary schools at; Gaitega, Mamumbu, Maragi, Githuguya, Kiangochi, Muchungucha, Kiawambeu, Gikandu, Kambirwa, Muthigiriri, Marewa , Kayuyu, Mirira
	Fencing / Electrification and roof water catchment in Primary Schools	Renovate/Fence/ Install electricity/Establish roof water catchment in all primary schools in the ward
	Construction and equipping of Special Schools	Construct/equip Special Schools at Kiangochi Primary and Secondary
Kakuzi/Mitu-biri ward	Renovation/construction of class rooms/ground leveling of primary schools	Establish /Renovate / Construct class rooms at primary schools in the ward; Mtolive, Nanga, Mwanawikio, Kitito, Kinyangi, Kakuzi, Silanga, Ngatho, Matundu, Iyembeni, Mule, Rubiru, Greystone , Nginyi, Soko Mjinga Establish ECD schools in all primary schools
	Upgrading/Establishing/Adding of classrooms to secondary schools	1. Renovate /Construct class rooms in secondary schools; Matunda, Ngatho, Swani, Mwanawikio, Delmonte, Makutano, Mute 2. Establish new secondary schools at; Nanga, Makutano, Siranga, Rubiru 3. Upgrade Nginyi pry to a boarding pry school

		4. Separate Gititu sec school to Gititu girls and Gititu boy 5. Upgrade Mwanawikio to a boarding sec school
	Upgrading / establishing of Polytechnics	1. Upgrade Matunda polytechnic 2. Establish polytechnics at Nanga and Mwanakio
Kigumo Ward	Establishing /Renovation /equipping of ward polytechnics	Establish /Renovate / equip polytechnics at; Kigumo, Kiiriangoro, Githima - New
	Renovation and equipping of ECD Centers	Renovate / equip ECD Centers at; Karega, Kigumo, Kirere, Kinaini, Gakoeini, Marumi, Mathareini, Githima, Nguku, Mutunguru, Turuturu
	Establishing of new ECD centers	Establish new ECD centers at Kaimiri and Iriguini /Kiamumia
	Establishment of digital village centre	Establish digital village centers at Kigumo town and Kirere
	Establishing of new Secondary primary school	Establish a new primary school at Kaimiri – Thangaini
	Upgrading/Renovation of primary and secondary schools	Upgrade Githima primary to a model school Upgrade Karega Secondary to a center of excellence
Kinyona Ward	Renovation and equipping ECDE centers	Renovate / equip ECD Centers at; Karinga, Matandara, Kinyona, Kiamaiingi, Gikigie, Mboro, Muiria, Mununga, Njoguini, Matu, Rarakwa, Kamukabi, Kiangai, gatumbi, Kamunganga, Gachocho, Ndugamano
	Establishing of new ECD Centers	Establish new ECD Centers at Karuiro, Kaariti and Karaba
	Establishing of public boarding primary schools	Establish 1 public primary school per location
	Face-lifting of public primary schools	Facelift 16 public primary schools in the ward
	Establishing of digital village centers in the ward	Establish digital village centers at Kamukabi, Kamugnanga and Kaagundu
	Establishing/equipping of polytechnics	Establish new polytechnics at; Kamunganga, Muiria, Gikigie, Kinyona Equip Kamukabi polytechnic
	Capacity building and Governance	Capacity build and train SMCs and BoGs on issues of governance
Gaichanjiru ward	Renovation/equipping of ECD schools	Renovate / equip ECD schools at; Kariua, Githaite, Kihaaro, Gatituini, Thangaari, Kagira, Gaichanjiru, Kagumoini, Manjuu, Kagira A, Mugumoini, Githigi, Kawanjeru, Gakoigo, kIhuroini, Karugia

	Upgrading of ward polytechnics	Upgrade Ngurueini , Karugia and Kariua polytechnics Establish Kagumoini polytechnic, wangai
	Upgrading of ECD schools to boarding schools	Upgrade Gaichanjiru, Ngurweini and Kariua ECDE schools to public boarding schools
Kangari Ward	Improving of ECD/Primary classrooms	Construct classrooms in ECD/Primary schools Kahuti, Ngecha, Ikumbi, Gatimu
	Construction of classrooms in Secondary schools	Construct classrooms at Mairi secondary school
	Upgrading of primary and secondary schools	Upgrade Marira primary to a model school Upgrade Makomboki Secondary to a center of excellence
	Construction and equipping of polytechnics	Construct and equip Kanderendu and Kangari polytechnics
Ngararia ward	Construction of classrooms and equipping ECD Centers	Construct / equip Kawendo and Kibuu ECD Centers and all ECD centers in the ward Establish new ECD center at Gitiri
	Construction and equipping of polytechnics	Construct and equip ngararia polytechnic
Wangu Ward	Upgrading of ECD / Primary Centers	Renovate / Equip all ECD centers in the ward Upgrade ECD centers at; Koimbi, Gacharu, Ithirianga Electrification of all ECD and Primary schools in the ward Level play grounds of all primary schools in the ward
	Improving / Renovation of primary schools	Equip / Renovate / Erect water tanks in all primary schools in the ward
	Establishing of new secondary schools	Renovate / Equip Kianderi primary school and upgrade to a new secondary school
	Construction and equipping of laboratories	Construct / equip laboratories in secondary schools Gathinja, Koimbi mixed, Gitie, Weithaga mixed, Gitweku mixed, Kianderi mixed Establish new secondary school at Kianderi
	Renovation and equipping of polytechnics	Equip / Renovate Kahuti and Mukangu polytechnics Establish new polytechnics at Gatheru and Wanjengi
	Establishing of new ECD Centers	Establish a new ECD school Githunguri, Gacharu,
Gaturi ward	Construction, renovation and equipping of ECD Centers	Construct / Renovate/ equip ECD Centers Kingongi, Kibuu, Gakira, Karinga

		Level playgrounds of all ECD schools
	Construction , renovation and equipping of polytechnics	Upgrade ward polytechnics at; Kigetuiini, Mugeka, Kangara, Kieni
	Renovation/ Rehabilitation of Special Schools	Renovate/ Rehabilitate Muriranja Special School Upgrade Donorion Special school to special Disability Boarding School
Kambiti Ward	Renovation/ Rehabilitation of Special Schools	Renovate/ Rehabilitate Pacy Davis Special Schools
	Upgrading/Renovation of polytechnics	Upgrade Kambiti Chiefs Camp polytechnic
	Upgrading / Renovation of Primary Schools	Upgrade / Renovate all primary schools in the ward Upgrade Kambiti primary to a boarding primary school
	Establishing of new Secondary schools	Establish 1 new Secondary school in the ward
	Upgrading/Improving of Secondary schools	1.Level play ground of Kambiti Secondary School 2.
	Water / Infrastructure development in ward schools	1. Erect water tank at Karia-ini, 2. Construct Science/Computer laboratories at; Kambiti, Maranjau, Huhoini
Makuyu Ward	Construction and renovation of Primary schools	Construct/Renovate primary schools Gaichanjiru, Kamiti, Ngurunga, Rural
	Establishing of ECD centers / Adding classrooms	Establish new ECD centers at all ward primary schools; Marura, Kanyururuku, Ciumbu, Kihara, Mugumoini, Kirimiri, Gaichanjiru, Mithini, Mutiithi, Nguruka, Rural, Karimakogi, Ngurunga, Mwitumberia, Kaseve area, Gathaiti, Muhohoyo, Pundamilia, Ndera, Makuyu, College, Majikiboko, Kinoo, Mithiini
	Renovation and equipping of ECD centers	Renovate & equip ECD centers at; Mowlem nursery, Ndera, Marura, Makuyu, Majikimboko, Mithiini, Muhohoy, Mbogo, Majimazuri, Mugira
	Building and equipping of new polytechnics	Build and equip new polytechnics at; Mithi, Kianjugu, Kihara, Kirimiri
	Upgrading and equipping of youth polytechnics	Upgrade / renovate Mithini youth polytechnic
	Leveling of Primary schools	Level playgrounds of primary schools at; Kirimiri, Kihara, Kinoo, Ndera, Muhohoyo, Makuyu, Pundamilia, College

Muthithi Ward	Establishment/Renovation of adult learning centers	<ol style="list-style-type: none"> 1. Establish new adult learning centers at; Rwatumu, Kagurumo, Njora, Ngobeto 2. Equip / Construct new classrooms at Muthithi Polytechnic 3. Establish new polytechnic at Kiugu
	Renovation of Ward primary schools	Roof selected schools in the ward
	Construction of classrooms and laboratories in ward secondary schools	<ol style="list-style-type: none"> 1. Construct classrooms/ laboratories in secondary schools at; Kiuugu, Thamara, Wamahiga, Muthithi, 2. Establish new secondary school at Gikondi
	Rehabilitation of play grounds in primary schools	Rehabilitate play grounds of primary schools at; Gikondi, Irigiro, Thamara, Wamahiga, Muthithi, Kiugu, Njora
	Upgrading/Renovation/ Equipping existing ECDE centers	Upgrade/Renovate/Equip existing ECDE centers at; Muthithi, Irigiro, Thamara, Njora, Gikondi, Wamahiga, Kiugu, Gachathiini, Gakeu, Ngobe, Kagurumo, Rwatumu
	Establishment of Adult Learning Centers	Establish adult learning centre at; Rwatumu, Kagurumo, Njora, Ngobeto
	Upgrading/Renovation/ Equipping existing ECDE centers	Upgrade/Renovate/Equip existing ECDE centers at; Muthithi, Irigiro, Thamara, Njora, Gikondi, Wamahiga, Kiugu, Gachathiini, Gakeu, Ngobe, Kagurumo, Rwatumu
Kanyenyaini ward	Equipping & Expansion of polytechnics	<ol style="list-style-type: none"> 1. Equip / Expand / Renovate Karurumo and Ichichi polytechnics 2. Establish new polytechnic at Githiga 3. Rehabilitate Kanyenyaini polytechnic
	Establishing / Rehabilitation /equipping of primary schools	Establish / Rehabilitate / equip primary schools at; Kariciungu, Hukuhuku, St. John Kiruri, Holy Rosary, Gatang'ara, Kanyenyaini, Mugumoini, Ichichi, Karura, Nduini, Mathwe, Githiga, Ngoeni, Gitugu, Kibutha
	Rehabilitation/ Establishment of ECDE centers	<ol style="list-style-type: none"> 1. Establish Kieni (Kiruri) ECDE Center 2. Rehabilitate ECDE classrooms at; Kariciungu, Hukuhuku, St. John Kiruri, Holy Rosary, Gatang'ara, Kanyenyaini, Karurumo, Kiruri, Gitugu, Githiga, Kibutha, Kieni, Mathwe, Mugumoini, Ngoeni
	Construction of classrooms and equipping secondary	Upgrade / Construct / equip Gitugu, Kiruri, Ichichi, Karurumo, Kanyenyaini, Kibutha,

	schools	Githiga, Gitugu Upgrade Kiruri pry to Kiruri day sec school
	Establishing of Dining hall/Computer/Science labs	Establish computer/Science labs in all secondary schools
	Establishing of special schools	Establish special schools in the ward; Kiruri, Kanyenyaini, Ichichi, Githiga, Gitogu
Kagunduini ward	Upgrading / Rehabilitation of ECDE centers and special schools	Rehabilitate ECD schools/Special schools for mentally challenged at; Mairungi, Kariguini, Mukerenju and Githunguri
	Upgrading/Equipping of polytechnics	Upgrade / Equip Kagunduini polytechnic
Ruchu ward	Upgrading/Equipping of polytechnics	Upgrade/equip ward polytechnics at; Gacharage, Mungaria, Kiangare, Githumu YMCA
	Establishing/Upgrading ECD centers	Establish/Upgrade ECD centers in all primary schools
	Establishing of adult learning centers	Establish an adult learning center at Gichagini high school
	Upgrading of teacher training centers	Upgrade ECD teacher training center at Gichagini
	Landscaping / Leveling of play grounds in public learning institutions	Level play grounds in ward primary and secondary schools
	Construction/Equipping of Libraries / computer laboratories in secondary schools	Construct/Equip secondary school laboratories and library at; Mungaria, Githigia, Gathage, Githumu mixed, Muthuru, Kiangare, Kangui, Gacharage
	Establishing of ICT center	Establish an ICT Resource center at Githumu YMCA, Gichagini ACT center
Kariara ward	Upgrading/Renovation/ Leveling of ECD centers play grounds	Renovate/ upgrade/level play grounds of ward ECD centers Gatakaini, Kiganjo, Kiarutara, Wanduhi, Eli mambo, Karega, Giteme, Gatunguru, Gitiri, Wanyaga, Mwagu, Karangi
	Construction/Equipping of Libraries / computer laboratories in secondary schools	Construct/Equip secondary school laboratories and library at; Jogoo Kimakia, Gathanye, Chomo (includes dormitory and multi-purpose hall), Kiruara, Gatanga CCM, Rwegetha,
	Upgrading/Renovation/ Leveling of polytechnics	Renovate / level play grounds /upgrade polytechnics Ndunyu Chege, Mwagu, Mbugiti
	Landscaping/Perimeter fencing of primary schools	Landscape/Fence primary schools Kiganjo, Eli Mambo, Karangi, Gatakaini, Gitiri, Wanduhi
Kamahuha Ward	Upgrading/Equipping of polytechnics	1. Upgrade/equip Kamahuha polytechnic 1. Establish new polytechnics at Sabasaba,

		Kaharati and Igikiro
	Establishing of ICT center	Establish an ICT Resource center
	Establishing of a technical college	Establish a Technical College at Kaharati
	Establishing of Special school	Establish special school for persons with disabilities at Kamahuha Construct Murang'a Starehe Boys Center
	Establishing/Equipping/ Leveling play grounds of ECDE school	Construct/ equip/ level play grounds of ECDE schools :- Gathuri, Sabasaba, Maganjo, Wathiani, Kahaini, Kaharati, Kamahuha, Thaara, Nyati, Igikiro, Dorome, Iganjo
	Establishing of new secondary school	Establish new Secondary school at Kahaini and Iganjo
Gitugi ward	Upgrading/Equipping of polytechnics	Build/Equip polytechnics at; Nyangiti, Kambara, Mutitu, Chui, Ngutu, Mihuti, Gikoe
	Addition of new classrooms to ECD schools	Construct new classrooms at; Kirimahiga, Kaharo, Kairi-ini, Kiuu, Kanjahi and Nyakianga,
	Upgrading/Improving of ECDE schools	Improve (Construct/Repair kitchen , toilet and provide water) at ; Gataragwa, Muiri-ini, Kairi-ini, Kiganjo, Kirimiga, Kambara, Kiuu, Kanoro, Kang'ong'i (Nyangiti), Githioro(Yakarengo), Gakambura, Kirembu (Gitugi), Chui, Yakarengo, Nyangiti, Gitugi, Matuto (chui), Kanjahi, Karungi, Ngutu, Mihuti, Nyakianga, Gikoe, Wambwe , Ruiru
Gatanga Ward	Improving of primary schools	Renovate (Includes in some schools construction of gate and toilets) primary schools at; Gathairu, Gathanji, Gathuthu, Thare, Chomo, Kiruara, Mabae, Gichumbu, Ngungugu, Mabanda, Mabae
	Establishing/Renovation/ Expanding/ Construction of ECD classrooms in all primary schools	Establish/Renovate/Expand ECDE schools Gathairu, Gathanji, Gathuthu, Thare, Chomo, Kiruara, Mabae, Gichumbu, Ngungugu, Mabanda, Mabae
	Establishing of secondary schools	Establish Mabae secondary school
	Establishing / Upgrading of youth polytechnics	1. Upgrade Kiwara youth polytechnic 2. Establish Thare youth polytechnic
	Upgrading of secondary schools	1. Construct dining hall /kitchen at; Jogoo Kimakia, Gathanji, Rwegetha

		<ol style="list-style-type: none"> Construct Library/Laboratory/ kitchen at all ward secondary schools Establish adult learning centers (Include construction of computer lab and library) in all ward secondary schools
Kiru Ward	Equipping of ECDE Centers	Equip ECD centers at Kiambuthi, Gachiro, Kairo, Kihari, Kiamuturi, Nguru-ini, Ruru, Mioro, Kagongo, Muthangari, Kiria-ini, Kiru, Umbui, Kiriko, Warugara, Koru, Mananga
	Establishing / Upgrading/ Rehabilitation/ Ground leveling of polytechnics	<ol style="list-style-type: none"> Establish new polytechnics at; Mananga, Gacharege-ini, Kiria-ini Upgrade/ Rehabilitate existing polytechnics at; Wanjohi, Kihari, Mioro, Kagumoini and Kiamuturi Level polytechnics play grounds Level playing ground/Fence all ward youth polytechnics
Murarandia Ward	Upgrading and equipping of polytechnics	Upgrade/Equip Polytechnics at; Gataru, Murarandia, Kaganda
	Upgrading of ECD centers	Upgrading of ECD Centers at all 19 centers;
	Establishing of adult learning centers	Establish adult learning centers in all primary schools
	Renovation of primary schools	Renovate all primary schools in the ward
Kimorori / Wempa Ward	Establishing / Upgrading of ECD centers	Establish ECD centers in the ward at; Thangira village/Miteini, Makeu, Kaburunjui, Mangoto A, Ngimu, Kangangu, , Mangoto B, Kagaa, Thangira primary, Athara Primary, Chief Gichohi, PK Primary, Karungangi,
	Establishing of special primary school	Establish special school at Gikono village
	Establishing of youth polytechnics	Establish a vocational training center at Gikono village
	Establishing / Upgrading of adult learning centers	Establish / Upgrade adult learning centers at; Gathungururu, Kangangu, Gichohi, Kimorori Adult Center,
	Establishing/Upgrading of Secondary schools	<ol style="list-style-type: none"> Establish secondary school at Gikono village and Kimorori Upgrading secondary schools at; Kagaa, Gathungururu, Thangira Umoja, Karungangi, Kangangu,, PK secondary
	Establishing of Digital village centers	Establish a digital village center in Kenol town and Methi CCF
Nginda Ward	Establishing./Upgrading of ECD centers	<ol style="list-style-type: none"> Establish new ECD centers at; Kaharu, Irembu, Gathira, Gakoigo and Ikundu

	Establishing / Upgrading youth polytechnics	Upgrade Nginda youth polytechnic Establish new youth polytechnics at; Gitathi, and Gakoigo - Land available
	Establishing of tourism sites	Establish a tourism site at Gakoigo water dam – 6 acres of land available for a hotel
Kahumbu Ward	Establishing/Upgrading of ECD centers	Establish / Upgrade ECD centers at; Kandani, Kahumbu and Kahariro
	Establishing/Upgrading of Primary schools	Establish a new primary school at Gakuyu Level play grounds of all primary schools
	Establishing/Upgrading of Secondary schools	Establish a new secondary school at Gakuyu Level play grounds of all secondary schools Construct / Equip Science Labs/Computer Labs in all secondary schools
	Establishing / Upgrading of Youth polytechnics	Establish a new youth polytechnic at Kandani Upgrade / Equip Mugumoini youth polytechnic
Township Ward	Upgrading of ECD centers	Upgrade / Renovate ECD Centers Mukuyu, Karedodo, Mjini, St. Mary, Kongoine, Mbiri, Kiangage
	Establishing of new ECD centers	Establish new ECD Center at Kiharu estate
	Establishing of youth polytechnics / Adult Learning centers	Establish youth polytechnic / Adult learning centers in Murang'a township ward
Rwathia Ward	Establishing / Renovation of ECD Centers,	Establish /Renovate ECDE Centers at; Rwathia, Wanjerere, Kiawambogo, Nyagatugu, Kenya Njeru, Kihoya, Kayu, Tuthu, Kanguru, Gachogi, Kenyanyeni, Gachogi, Nyagatigu, Kayu
	Establishing / Renovation of primary and secondary schools	Establish/Renovate primary schools at; Rwathia, Wanjerere, Kiawambogo, Nyagatugu, Kenya Njeru, Kihoya, Kayu, Tuthu, Kanguru, Gachogi
	Establishing / Renovation of Science/Computer Laboratories in secondary schools	Establish/Renovate Computer and Science labs in all secondary schools
	Construction / Renovation of youth polytechnics	Construct / Renovate /equip youth polytechnics at:- Kanyuira, Wanjerere, Kenyanjeru

	Establishing of Digital villages	Establish digital village at Rwathia
	Establishing of secondary school infrastructure	Construct a multi-purpose hall in learning institutions
	Establishing / Upgrading of polytechnics	Upgrade / Establish polytechnics at; Kanyuira, Rwathia
Ithanga Ward	Establishing of ECDE centers	Construct ECDE centers at; Rubiru, Kitooni, Kyaume
	Improving of ECDE centers	Renovate ECD centers at; Mwaniambogo, Kaguku, Mianyani, Muugumo, Thungururu , Ngelelya, Kahatia, St.Teresa, Ithanga
	Establishing of new polytechnics	Establish new polytechnics at; Kaguku, Giathanini
	Upgrading / Renovation of primary schools	Renovate primary schools at; Ngurunga, Kanduru, Mwaniambogo, Ithanga, Mugumo, Mianyani, Thungururu, Kyaume,Ngiliya, Kaliala
Muguru Ward	Renovation/Equipping of polytechnics	Renovate/equip polytechnics at; -Michuki Youth polytechnic, G.3 Youth polytechnic, Establish new polytechnic at Kiamara, Iyego/Githunguri, Kangema
	Renovation of ECDE centers	Renovate ECD centers at;:- Kiairathe, Muguru, Kangema, Karuri Watuha, Mukarara, Ngooro, Kiangunyi Ihiga, Iyego, Thirikwa, Gacharaigu, Gatunduini, Nyakahura, G-3 primary, Kiawairegi, Gikui
Ithiru Ward	Renovation of ECD Centers	Renovation of ECD Centers at:- Kandara, Kirunguru, Gathugu, Kaguthi, Kiguoya, Matira-ini, K. Mwaro, Kamoro, Kang'ara, Githunguri, Gakarara, Kiiri, Karembu, Kirigithu, Gakui, Mutitu, Kagongo, Kandara Boma, Kirigu
	Renovations / construction of Polytechnics	Renovate Ithiru polytechnic Establish new polytechnics at; Kiiri, Gakui, K. Mwaro
	Equipping of Special schools	Equip special schools at; Kiiri, Kirunguru
Mugumoini Ward	Renovation and infrastructure development in ECD centers	Renovate/ supply water to ECD Centers at; Mithandukuini, Gatunyu, Gaitegi, Kigio, Ithangarari, Ngangaini
	Upgrading/Renovation/Equipping of polytechnics	Upgrade/Renovate/Equip polytechnics at Mithandukuini, Gaitegi, Kigio

Annex-Water

Proposed Ward Water projects

Project Name	Project Location
Drilling of Boreholes.	<p>Drilling of water boreholes Kakuzi-Mitumbiri Ward in: Nanga, Kihumwiri, Gatwikire, Makutano, Rubiru, Gatho, Iyembeni , Kinyangi & Kwa Jimmy.</p> <p>Drilling of a borehole in Kambara Gitugi Ward.</p> <p>Drilling of 10 water boreholes In Kamahuha Ward in: Gathuri, Wathiani, Kahaini,Kaharati, Karathe, Nyati, Igikiro, Iganjo, Dorome & Manyatta</p> <p>Drilling of 5 boreholes in Kamacharia Ward in: Kairi, Thuita,Kamune, Iruri and Kihuro</p> <p>Gatanga Ward Borehole water project in: Rwegetha, Kiriaini, Kiruara</p> <p>Makuyu Ward Borehole water project in: Mithini, Mwitumberia, Mugumoini, Gathaiti, Muhohoyo, Rural, Ngurunga, Ndabatabi & Kirimiri</p> <p>Nginda Ward borehole projet in: Gitathi Health Centre Maragua District Hospital</p> <p>Drilling of 6 boreholes in Kambiti Ward</p> <p>Drilling of a borehole in Kiriangoro factory in Kigumo ward</p> <p>Drilling of 3 boreholes in Ruchu Ward</p> <p>Borehole at Market Mabae.-Gatanga</p> <p>Borehole at Kiriani</p> <p>Borehole at kwa Mukundi</p> <p>Borehole at Kahumbu-ini.</p>

Construction of wells.	<p>Gatanga Ward: Construction of water wells in: Karuigi water point, Rwegetha-Tambaya water point, Kiangai water point, Kahiga water point, Gichumbu-Kanyiriri water point, Mabae-Ruthuini water point, Miirini-Mabae water point, Karwegetha water point, Gatanga-Ngungugu water point.</p> <p>Construction of wells in Kamacharia ward</p>
Rehabilitation of Wells.	<p>Rehabilitation of wells: Kanyirir, Kinyori, Gichii water wells-(Gatanga Ward)</p> <p>Rehabilitation of wells: Kanjoya, Gitomboya, Ithirui,Rwanyaga, Gitothua, Gathima, Kiwiri, Kiawangonyo & Matuto (Muthithi Ward)</p> <p>3 wells in Kigumo Ward</p> <p>Rehabilitation of wells: Kiawambeu, Thengeini & Maragi (Mbiri Ward)</p> <p>Rhabilitation of 10 wells in Kambiti Ward</p> <p>Rehabilitation of wells in Ithanga Ward (Giathanini, Mugumo, Kaguku, Mianyani, Thungururu & Mukudi)</p> <p>Rehabilitation of wells in Kanyenya-ini Ward</p> <p>Rehabilitation of wells in Gitugi Ward</p> <p>Rehabilitation of 10 wells in Kakuzi-Mitumbili.</p> <p>Rehabilitation of 10 wells in Kamacharia ward</p> <p>Rehabilitation of wells: Kihara, Maji Kiboki, Kirimiri, Gaichanjiru, Kaseve, Mazuri, Mutithi, Karima Kogi Kianjugu & Rural well.(Makuyu Ward)</p> <p>Rehabilitation of 4 wells Township ward</p> <p>Rehabilitation of 3 wells Kimorori/Wempa Ward)</p>
Rehabilitation of Boreholes.	<p>Muirumgi water borehole</p> <p>Rehabilitation of boreholes in Kimororri/Wempa Ward: Gathungururu, Kagaa, Kiburuti, Ngimu, Gikono, Kangangu boreholes</p>
Rehabilitation of Dams	Rehabilitation of dams in Kambiti ward
Rehabilitation/Protection of water springs.	10 water springs. (Murarandia Ward)

	Springs protection-Gitugi Ward Anjiru spring water project- for Karuya coffee factory Gitugi ward
Rehabilitation of dams.	
Construction of water tanks reservoirs.	Construction of Wanjere Water reservoir tank (Rwathia Ward) Reservoir at Gatanga mission Reservoir at (Karangi) Kariara Kawaharura water project
Rehabilitation of water in-takes.	Rehabilitate Mugwangari water intake.
Establish water in-take points.	Establish water intake points from River Kagondo area for domestic use in Barara and Kiawambogwo residence Establish water intake points from River Mathioya at Tuthu area for domestic use
Supply of electricity /solar panels for boreholes water pumping in all the Water.	Kawaharura water project. Electricity supply to Gichagini borehole in Ruchu Ward
Increase piped water supply within all the Wards through water services providers.	Piped water supply by connections to increase access to water for domestic water .
Repair and replacement of vandalized water pipes.	Kiawambogo, Nyagatugu & Kanguru
Construction of water kiosks.	5 water kiosks in Ruchu Ward
Completion of uncompleted water projects.	Completion of Kamakhuha, Nyotoka, Siranga & Mutharaba Water projects

WATER SERVICES

WATER SERVICE PROVIDER	LOCATION
	Kiangage –njugu-ini area water project (Kiharu)
	Ndikwe water project (Kiharu)

MUWASCO	Muchungucha water project (Kiharu)
	Maragua town water project (Kiharu)
	Githuri water project (Kiharu/ Gikindu)
	Overhaul of water network (Kiharu)
	Maragua town sewerage project (Kiharu) And supply of clean drinking water for Maragwa and Gakoigo centres.
	Water supply to Ikundu,Iregi/Nginda, Ihumbu/Gathera/Itaga/Kaharo/Irembu/Ihigaini/Gikindu trading centres
	Piped water for Ihigaini/Gitathi and Kaharo health centers
	Mukuyu-Mumbi sewer project (Kiharu)
	Pipping of water to Gikindu, Muchunucha & Gikandu.
	Piping of water for domestic use in Kimorori/Wempa Ward Kagaa , Thangira, Gathungururu, Kimorori, Ngimu, Gikono, Kangangu and Wempa
	KAWASCO
Expansion of Rwathia treatment works (Kahuro)	
Kaganda – Kiria line (Kahuro)	
Kaganda-Kahuro line (Kahuro)	
Installation of 2000 consumer meters (Kahuro)	
Kanyenya-ini –Githiga line (Kahuro)	
Mapping and GIS services (Kahuro)	
Gatagwagwo water project (Kahuro)	
5no motorbikes (Kahuro)	
2no Storage tanks 225m3 (Kahuro)	
Rehabilitation of existing infrastructure (Kahuro)	
Sanitation (Kahuro)	
Minor service lines (Kahuro)	
GATAMATHI	Gaturi Water Project (Mathioya/Kiharu)
	Rehabilitation of existing schemes (Mathioya)
	Mathioya water supply (Mathioya)
	Gatango Water Supply (Mathioya)
	Increase domestic water supply in Kamacharia ward.
	Increased domestic water supply within Rwathia Ward

MUSWASCO	Rehabilitation of 20km Kang'onde-Kiiriangoro-Mutunguru –Gathera- Maragua pipeline. (Maragua)
	Rehabilitation of Ngaburi through Gikomora –Ichagaki- Maragua –Kianjiuini pipeline (25km long (Maragua)
	Piped water supply to Mutheru, Mukuria, Rwathe, Mungari, Kairi-ini, Gituru, Kiangare, Muiri-ini, Rugaita in Ruchu Ward
	Kandara –Makenji –Kenol –Makuyu pipeline 23km 315mm diameter (Kandara)
	Gaichanjiri-Ngurweini to Karugia (Kandara), Irati/ Nginda, intake to Maragua (Kandara), Maragua town pipeline (Kandara), Gakoe-ini to Masaku (Kandara), Kariua Kagira water (Kandara), Masaku thagiri (Kandara), Kagira 6 km long (Kandara), Kagira 14 km long (Kandara), Distribution lines within Ng'araria (Kandara), Distribution of water in Muruka, Nguthuru, Kiranga, Gatitu, Kiambutu (Muruka Ward Kandara)
	Unjiro-ini water distribution, Kiriko-ini water distribution, Githuya water distribution, Gathugu water distribution, Marigu water distribution, Kingara-Kiarigo water distribution project, Thugi water distribution project, Mahiga-Kiiri-Kanjuvi water distribution project, Kamunyaka-karembu-ini waterdistribution project Gikaa water distribution project, Githama-Kagongo distribution water project.
	Gagurumo, Gikarangu, Muthithi, Kiugu-Kiahiti , Munguini water project-(Muthithi Ward)
	Kambogo, Mwema, Mwototo, Kanyariri, Mumbu, Gakarati, Mumbu, Gakuyu, Kandani, Sabasaba, Mugumoini, Mbogoini, Kagwathi, Kimachu, Ndonga, Gatundururu, Kamungu, Kagongo, Githembe, Kanguku, Kahuhu, Gathimaini, Kiahiti, Maturaini, Kahairo Kahuhu
	Water distribution to: Mahuri, Riandegwa, Githunguri, Gitura, Kariti/Gathige, Kagundu-ini
	Kangondu water project supply for Kigoru and Gatanga villages
	Kambogo, Mwema, Mwototo, Kanyariri, Mumbu, Gakarati, Mumbu, Gakuyu, Kandani, Sabasaba, Mugumoini, Mbogoini, Kagwathi, Kimachu, Ndonga, Gatundururu, Kamungu, Kagongo, Githembe, Kanguku, Kahuhu, Gathimaini, Kiahiti, Maturaini, Kahairo Kahuhu
	Water distribution to: Mahuri, Riandegwa, Githunguri, Gitura, Kariti/Gathige Kagundu-ini
	Kangondu water project supply for Kigoru and Gatanga villages
GATANGA WATER PROJECT	Kiawaira, Giteme, Imani, Muhare, Karagia A, Karagia B, Kanunga & Kigoro (Kariara Ward)
	Kahunyo, Thare, Kiriaini, Gathuthu, Kagongo Mabae, Mirini (Gatanga Ward)
WAJERERE SELF-HELP WATER PROJECT	Kiawambogo, Nyagatugu & Kanguru
	Kiawambogo, Ruathia, Kihoya, Kenyanjeru, Kayu
KAMBITI MARAGWA	Piped water supply for Kambiti Ward

RIDGE WATER PROJECT	
KAHUTI WATER PROJECT	Kanyanya-ini Ward-Gataguagwo water project, Rwambogo water project hukuhuku water projects, Githa-ini water project
	Connection of piped water to households in Murandia Ward from Matharite, Theri, Kairichi, Kaganda and Kahithe

Construction of Modern Toilets and Sewerage Systems

Project Name	Location
Construction of Modern Public Toilets	Public modern toilets Kahatia, Kaganda , Githambo, Gatuya, Gathaithi Gatara and Kahithe markets- Murarandia Ward.
	Modern toilets in all shopping centers in Kigumo Ward
	Modern toilets in all shopping centers in Ruchu Ward
	Modern toilets in all shoping centers in Wathia Ward
	Modern toilets in Kiruri, Karurumo, Ichiche Kanyenya-ini shopping centres
	Modern toilets in all shoping centers in Kamacharia Ward
Construction of Sewerage System	Construction of sewer systems in Gakoigo and Maragwa town.
	Construction the sewer system lines in unconnected areas within Township Ward
	Construction of a drainage system in Githiga shopping centre
	Construct a sewer system Kanyenya-ini shopping centre in Kanyenya-ini Ward.
	Construction of a sewer system in Kimorori/Wempa ward
	Construction of a sewer system in Gitugi, Gikoye and Gatunguru town centres

Prioritized Development Project

Kariara Ward	Kiwaihigo, Ndakaini –Wanduhi, Iria – Kiriga, Gathwariga
Kigumo	Kambi-Kaharati, Gakungu w/p, Kagundu, Gakungu w/p, Ngaburi, Kirichiungu Ikumbi, Kinyona, Gitwe, Kamwenja, Kihumbuini
Kandara	Kagunduini, Kariua, Kagira, Kamurugu, Ng`araria, Kahaini, Kiiri, Gakuyi, Kamae-k/mwaro., Kagona, Karimamwaro, Gaichanjiru, Mukoye, Ngurweini-kamae, Mariaini-karugia, Kamae-mariaini.
Mathioya	Mathioya-marereini, Treatments works rehabilitation, Kiriaini/kigoro/ Giteme, Gondo, Kiamuturi
Kangema	Gataguagwo, Kahuti, Wanjerere,
Kiharu	Kambirwa, Njuguni
Kahuro	Gatara, Yamugwe, Kagaa, Mugoiri/Gatundu, Kahatia/Their, Githioro/Ndutumi/Kamaguta, Koimbi/Mukangu, Kaganda/Kiumu, Kiria/Muchungucha/Gacharu Junction, Kayahwe Gathugu, Koimbi/Kirogo Gatara/Kaihungu, Muchungucha/ Kayahwe Githagara/ Yamugwe, Junction/Gacharu Kaganda/Muthiria/Mirichu/Kiria
Kahuro	Mukangu, Gatheru, Gitui, Wanjengi, Gitige, Gituto Gathinja, Kirogo, Koimbi, Kahuti, Kianderi, Gitie, Kwambari, Ithiki, Ithirianga, Githunguri

PROJECT NAME	LOCATION
Completion of Laboratories	Iyego Dispensary , Kirwara sub-county hospital , Gathanji dispensary ,Ithangarari dispensary, Wanyage dispensary ,Kigoro dispensary ,Ruona dispensary ,Mukuria dispensary , Ngararia dispensary , Mihango dispensary , Gikono dispensary ,Kianjugu dispensary , Gathaiti dispensary, Maragi dispensary, Kanjama dispensary, Gacharage-ini dispensary, Kagumo-ini dispensary, Gitathi dispensary, Muthithi dispensary, Githunguri dispensary, Nguthuru dispensary, Gatia-ini dispensary, Mugumo-ini dispensary, Giatutu dispensary, Karimamwaro dispensary, Kaguthi Dispensary, Kiawambogo, Ihiga Dispensary
New Laboratories	Mukumu Dispensary ,Kagwathi dispensary ,Kiangochi Dispensary ,Mugeka dispensary, Muruka dispensary, Kiranga dispensary, Gatitu dispensary, Wanjerere Dispensary, Tuthu Dispensary, Kamachharia Dispensary, Kairi Dispensary, Githiga dispensary, Turuturu dispensary , Mukarara Dispensary
Maternity Wing & OPD completion	Kirogo H/C, Kanyenya-ini H/C, Kiamara H/C, Gitugi H/C, Nyangiti H/C, Githagara H/C, Mugeka Dispensary, Murarandia dispensary, Ichichi dispensary, Kiairathe dispensary, Kambiti dispensary, Mihango dispensary, Gitathi dispensary, Kamahuha dispensary, Katipanga dispensary, Muruka dispensary, Kabumgi/Naaro dispensary, Kariti dispensary, Kariua dispensary, Kagundu-ini dispensary/OPD, Ngurue-ini dispensary, Kigumo H/C, Kanderendu dispensary, Gikoe dispensary, Maria-ini dispensary, Irigiro dispensary, Kigoro dispensary, Kihumbu-ini dispensary, Gituamba dispensary OPD, Kiunyu dispensary, Ndaka-ini dispensary, Kangari dispensary, Mariira dispensary, Gakurwe Dispensary, Kigetui-ini dispensary, Kirwara sub-county hospital
Renovations/ Electricity & waters supply	Gikoe dispensary, Kagwathi dispensary, Ihiga Dispensary, Kamacharia Dispensary, Kiria Health Center, Kiria H/C staff quarters, Wanjengi H/C staff quarters , Gatara H/C staff quarters, Kaharo H/C staff quarters, Nyakianga H/C staff quarters, Gikui H/Cstaff quarters, Tuthu dispensary staff quarters, Mukoe dispensary renovation, Gacharage dispensary veranda renovation, Gituamba dispensary Staff quarters renovation, Maranjau GK prison dispensary, Muthithi dispensary, Ndaka-ini dispensary, Mitubiri H/C maternity block, Kirwara sub-county hospital, Kihoya dispensary, Tuthu Dispensary-staff quarters, Kiruri dispensary, Ichichi dispensary, Githugu Dispensary, Gatang'ara dispensary, Kibutha dispensary, Gatara Health Center, Murarandia ward 3 Units Staff quarters, Kahatia Dispensary 3 Units Staff quarters,
Construction Wards/Maternity wings	Kahatia Dispensary Construction of Maternity Ward, Kigumo H/C pediatric wards, Male & Children Wards at Kirwara sub-county hospital, Nyagatugu health centre, Kayu Dispensary, Matharite Dispensary construction of a maternity wing, Turuturu dispensary of a maternity wing, Gitura Dispensary-Maternity wing
Equipping	Incinerator –Kihoya H/C, Ambulance at Mitubiri H/C, Kabati dispensary, Kirwara sub-county hospital, Kiawambogo dispensary, Wanjerere Dispensary, Tuthu Dispensary, Gitiri Dispensary, Mbugiti Dispensary, Kiruri dispensary, Ichichi dispensary, Kairi Dispensary, Gatang'ara dispensary, Kibutha dispensary, Kamahuha Dispensary-Ambulance, Kigetui Dispensary, Kayuyu Dispensary, Gitiri Dispensary, Githagara Health center, Gitaro dispensary, Muriranjas Sub-county Hospital (Mugoiri), Kiria Health Center-Ambulance, Mukarara Dispensary

<p>Construction of new dispensaries/ Toilets/Stores/ Kitchen</p>	<p>Kandara health facility, Kitchen at Kariti dispensary, OPD-Kagumo-ini dispensary, Store and Kitchen at Gatura H/C, Kitchen at Kigoro dispensary, Store at Gatunyu dispensary, Kiangochi Dispensary additional rooms , Store at Kinyangi dispensary, Store at Muruka dispensary, Kirwara sub-county hospital, Construction of Kaharati, Gathuri & Karathe dispensaries, Ichagaki Ward-3 new dispensaries, Mitubiri Ward-establish 4 new dispensaries, Ithiru Ward-2 new dispensaries, Kamahuha Ward-4 new dispensaries, Muguru Ward- 2 new dispensaries, Gitui Dispensary Wangu ward, Kahuti Dispensary</p> <p>Wangu ward, New Kaganda Dispensary, New Dispensary Kigoru, New Kigoru Dispensary, New Nyakihae New Njoguini Dispensary, New Gakuyu dispensary, New Geitwa Dispensary, New Kiangage Dispensary, New Karemaini Dispensary, New Gikandu Dispensary, New Mumbi/MjiniDispensry, Mbari Ya Hiti Dispensary, 1 New dispensary Kaharati, 1 New dispensary Kahariro, 1 New dispensary Mbiri Ward (Karemaini), 1 New dispensary Mbiri Ward (Gikandu), 1 New dispensary Kariara Ward, 8 New dispensaries Kambiti Ward, 2 New dispensaries Kamacharia Ward, 2 New dispensaries Gitugi Ward, 4 New dispensaries Township Ward, 2 New dispensaries Kigumo Ward, 2 New dispensaries Kahumbu Ward, Karuri & Gathimaini Dispensaries, Rwathia dispensary, Mununga dispensary, Ithanga dispensary, Iyego dispensary, Kiawambogo dispensary, Nyagatugu health centre, Kayu Dispensary, Wanjerere Dispensary, Tuthu Dispensary</p>
<p>Up grading of Health Facilities.</p>	<p>Gakurwe Dispensary, Kigetui Dispensary, Kambirwa Health Centre, Iruri dispensary, Katipanga and Gikono dispensaries</p>

LANDS, HOUSING AND PHYSICAL PLANNING-ANNEX

Preparation of Physical Development Plans		
Kirwara	Kihumbuini	Kanyenyaini
Kaguku	Mukarara	Kiruri
Gatura	Mukurwe	Karurumo
Gatunyu	Gaitegi	Ichichi
Kiunyu	Ithaga	Kibutha
Kariua	Kihohea	Githiga
Ngurweini	Kayu,	Gituku
Kagumoini	Kaguru,	Gatang'ara
Karugia	Gokono,	Mugumoini
Kenol town	Kangangu,	Sabasaba
Kabati	Katipanga	Ihumbu
Gakuyu	Gitugi	Gathera
Mugumoini	Gikoe	Kambiti
Githembe	Karui	Wamwati
Rwathia	Kamacharia	Itaaga
Kenya-Njeru	Kamune	Irembu
kiawambogo	Gaciriro	Githambo
Tuthu, wajerere	Kagaa	Gatara
Nyagatungu,	Maragua	Gathaiti
Gacogi,	Gakoigi	Kaganda
Murarandia	Gakuyu	Kahithe
Kirere	Githembe	Gatuya
Kigumo	Kahariro	Theri
Gatanga	Matharite	