



# **COUNTY GOVERNMENT OF KIRINYAGA**

## **COUNTY INTEGRATED DEVELOPMENT PLAN 2023-2027**



## COUNTY INTEGRATED DEVELOPMENT PLAN FOR KIRINYAGA COUNTY

### COUNTY VISION AND MISSION

**Vision:** To be a county enjoying improved productivity through maximum realization of its potentials for sustained economic, social and political development.

**Mission:** To foster sustained productivity through effective and efficient use of available resources by encouraging investment, tourism and agricultural productivity to improve the living standards of the people in the county in a clean, secure and sustainable environment

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## **FOREWORD**

Through Constitution of Kenya 2010, Chapter Eleven establishes devolved governments whose one of the objectives is to promote social and economic development and the provision of proximate, easily accessible services throughout Kenya. The Constitution under The Fourth Schedule clearly sets out the distribution of functions between the national government and the County governments. In particular Part 2 of the Schedule sets out fourteen functions of the County governments. These functions include, agriculture, County health services, control of air pollution, noise pollution, other public nuisances, outdoor advertising, cultural activities, public entertainment, public amenities, County transport, animal control and welfare; trade development and regulation; County planning and development, preprimary education, village polytechnics home craft centers , childcare facilities, implementation of specific national government policies on natural resources and environmental conservation, County public works and services, firefighting services and disaster management; control of drugs and pornography and lastly ensuring and coordinating the participation of communities and locations in governance at the local level and assisting communities and locations to develop the administrative capacities for the effective exercise of the functions and powers and participation in governance at the local level.

It is important to note that though the Constitution of Kenya creates two levels of government which are distinct, the two are interdependent and interrelated as such they leverage on each other thus building synergy.

Enabling Legislations have been enacted to give effect to Articles on Devolved Government. Amongst these legislations is the County Government Act 2012 which under Section 108 provides for the development of a five-year County Integrated Development Plan with clear goals and objectives; an implementation plan with clear outcomes; provisions for monitoring and evaluation; and clear reporting mechanisms. In this regard therefore, this is the 3<sup>rd</sup> Generation County Integrated Development Plan (CIDP) which commences in 2023 – 2027.

The CIDP provides an integrated development planning framework in the county and a sole basis for preparing county budgets. The CIDP is expected to contribute to the realization of aspirations of Kenya Vision 2030 and its Medium Term Plans and Sustainable Development Goals (SDGs) at the county level.

This CIDP draws its development agenda from Vision 2030, the county's Sessional Paper 2032 and the views of the public gathered during various public participation forums held in the Sub-Counties of Mwea, Kirinyaga West, Kirinyaga East and Kirinyaga Central in November 2022.

The county will not only partner with the national government in the realization of its development agenda as stipulated in this CIDP, but it will also partner with development partners as well as pursuing Public Private Partnership (PPP) approach to mobilize resources in implementation of key projects. The County will indeed synergize with the National Government to ensure that the county significantly contributes to the realization of Vision 2030 which is the priority of Kenya as at this time.

Despite the scarce resources due to the competing development needs of the county as stipulated in this CIDP, the County will endeavor to equitably allocate the available resources to ensure equitable development and redistribution of or the implementation of development projects. Through the application of wisdom, knowledge and the county will put in place effective and efficient monitoring and evaluation systems that will see to it that projects are implemented within the given timelines.

The implementation of this CIDP has taken into account the inclusion of the special groups in the actualization of the development projects and programmes herein identified. As articulated in our Sessional Paper 2032, employment creation for our youth and the economic empowerment for our women is a priority area. We take realize that the youth and the women are key factors of production in our county economic growth. In this regard the, the projects identified herein will ensure there is meaningful engagement of our youth that will translate to their economic empowerment through wealth creation.

This CIDP outlines projects and programmes for implementation in the next five years 2023-2027 in the strategic the five strategic goals which have been highlighted in Sessional Paper. These five strategic goals are i) job creation through the creation of new industries and product diversification; 2) better health through accessible and affordable health care; 3) increased income from improved and efficient productivity, market access, product marketing and competitive market prices; 4) improved urban planning and infrastructure in order to created state of the art towns and cities and lastly 5) enhance knowledge and skills

development in order to establish demand driven, adaptive, diligent, talented and unique work force.

For the period 2023– 2027, the success of the implementation of the county Sessional Paper 2032 is highly dependent on the efficient and effective implementation of the projects and programmes articulated in this CIDP. In this regard then, we call upon the national government, development partners, all relevant state and non-state agencies, all stakeholders within and without the county and ultimately the residents of Kirinyaga County to partner with us and to make good their commitment in realizing our county development goals and agendas. We strongly believe that the implementation of the projects and programmes articulated in this CIDP will result to significant economic, social and governance benefits to the advantage of Kirinyaga County and Kenya as a whole.

**H.E. ANNE MUMBI WAIGURU, EGH  
GOVERNOR KIRINYAGA COUNTY**

## **ACKNOWLEDGEMENTS**

Development of this CIDP was achieved through tireless efforts which entailed a consultative process together with stakeholders within the County and National Government Agencies.

First and foremost, I wish to acknowledge the moral and material support provided by the executive office County Government of Kirinyaga led by H.E. Hon. Governor Anne Mumbi Waiguru, EGH; Deputy Governor H.E Hon. David Githanda, the County Executive Committee Members (CECs).

We further appreciate the contribution of The Speaker, All Members of County Assembly of Kirinyaga for support during public consultative forums and approval process.

We also acknowledge the invaluable input from stakeholders who were instrumental in developing this CIDP. We acknowledge highly valuable technical input and guidance provided by the National Treasury and Economic Planning, Kenya Institute of Public Policy Research and Analysis (KIPPRA), Council of Governors, Kenya National Bureau of Statistics.

We also acknowledge the contribution and tireless guidance and insights offered by Executive Committee Members, County Chief Officer. We also highly appreciate technical input, data and information provided by County Directors and their technical officers.

I cannot forget staff in the Department of Finance and Economic Planning led by Director Economic Planning, Director Budget, and Economists for their commitment and dedication throughout the entire preparation process.

Further, we salute the support of Sub-County and Ward Administrators for their support in successful coordination of public consultative forums.

Lastly, special appreciation to the entire community members of Kirinyaga County who attended the Public Consultation Forums. We take this opportunity to thank all of you for your support.

**JACQUELINE NJOGU**

**COUNTY EXECUTIVE COMMITTEE MEMBER-FINANCE AND ECONOMIC PLANNING**

## **ABBREVIATIONS AND ACRONYMS**

### **ABBREVIATIONS**

ANC	Antenatal Care
ARD	Agriculture & Rural Development
BPO	Business Process Outsourcing
CA	County Assembly
CBEF	County Budget and Economic Forum
CBO	Community Based Organization
CCC	Comprehensive Care Clinics
CCO	County Chief Officer
CEC	County Executive Committee
CIDP	County Integrated Development Plan
CPSB	County Public Service Board
DRR	Disaster Risk Reduction
DTC	Diagnosis Testing & Counseling
ECD	Early Childhood Development
GDI	Gender Development Index
GDP	Gross Domestic Product
HCDA	Horticulture Crops Development Authority
HH	Household
HPI	Human Poverty Index
ICT	Information Communication Technology
KeRRA	Kenya Rural Roads Authority
KFS	Kenya Forest Service
MCA	Member of County Assembly
SDGs	Sustainable Development Goals
MTEF	Medium Term Expenditure Framework
NCPB	National Cereals & Produce Board
NEMA	National Environmental Management Authority

NIB	National Irrigation Board
CIMES	County Integrated Monitoring & Evaluation System
NGO	Non-Governmental Organization
PFM	Public Finance Management Act
PLWHA	People Living With HIV & AIDs
PMTCT	Prevention of Mother to Child Transmission
PPP	Private Public Partnership
RMLF	Roads Maintenance Levy Fund
VCT	Voluntary Counseling & Testing
WRUA	Water Resource User Association

## **CONCEPTS AND TERMINOLOGIES**

**Baseline:** Baseline is an analysis describing the initial state of an indicator before the start of a project/programme, against which progress can be assessed or comparisons made

**Programme:** A grouping of similar projects and/or services performed by a Ministry or Department to achieve a specific objective; The Programmes must be mapped to strategic objectives.

**Project:** A project is a set of coordinated activities implemented to meet specific objectives within defined time, cost and performance parameters. Projects aimed at achieving a common goal form a programme.

**Green Economy:** The green economy is defined as an economy that aims at reducing environmental risks and ecological scarcities, and that aims for sustainable development without degrading the environment.

**Indicator:** An indicator is a sign of progress /change that result from your project. It measures a change in a situation or condition and confirms progress towards achievement of a specific result. It is used to measure a project impact, outcomes, outputs and inputs that are monitored during project implementation to assess progress

**Target:** A target refers to planned level of an indicator achievement

**Outcome:** Measures the intermediate results generated relative to the objective of the intervention. It describes the actual change in conditions/situation as a result of an intervention output(s) such as changed practices as a result of a programme or project.

**Output:** Immediate result from conducting an activity i.e. goods and services produced

**Performance indicator:** A measurement that evaluates the success of an organization or of a particular activity (such as projects, programs, products and other initiatives) in which it engages.

**Outcome Indicator:** This is a specific, observable, and measurable characteristic or change that will represent achievement of the outcome. Outcome indicators include quantitative and qualitative measures. Examples: Enrolment rates, transition rates, mortality rates etc.

**Flagship/Transformative Projects:** These are projects with high impact in terms of employment creation, increasing county competitiveness, revenue generation etc. They may be derived from the Kenya Vision 2030 (and its MTPs) or the County Transformative Agenda.

**Demographic Dividend:** The demographic dividend is the accelerated economic growth that may result from a decline in a country's mortality and fertility and the subsequent change in the age structure of the population. It is evident in Kenya that demographic transition is taking place at both national and county level creating a demographic window of opportunity to harness the demographic dividend.

Demographic window is the period when the population structure is such that those aged below 15 years are less than 30% of the total population and those aged 65 years and above are less than 15% of the population. This period is estimated to last for about 40 years during which a county can achieve the fastest economic growth due to the large workforce relative to dependants. This window opens at different times for each county depending on the current population structure and fertility levels. For the demographic window to open fertility levels must continue to decline.

### **The Sustainable Development and Sustainable Development Goals (SDGs)**

In September 2015 UN member countries adopted the 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals. As part of implementing the SDGs, the government of Kenya published and launched its Road Map to achieving SDGs. The Road Map envisages a partnership with all stakeholders as well as building capacity for devolved governments to implement the SDGs.

The domestication and integration of the SDGs will be imbedded in Medium Term Plans and County Integrated Development Plans. The policies, programmes and projects outlined in the CIDP should integrate and be aligned with the objectives of all of the 17 SDGs which include:

Goal 1:

End poverty in all its forms everywhere

Goal 2:

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Goal 3:

Ensure healthy lives and promote well-being for all ages

Goal 4:

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Goal 5:

Gender equality and empower all women and girls

Goal 6:



Ensure availability and sustainable management of water and sanitation for all

Goal 7:

Ensure access to affordable, reliable, sustainable and modern energy for all

Goal 8:

Promote sustainable economic growth, full and productive employment and decent work for all

Goal 9:

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Goal 10:

Reduce inequality within and among countries

Goal 11:

Make cities and human settlements inclusive, safe, resilient and sustainable Guidelines for Preparation of County Integrated Development Plans (Revised) 2017

Goal 12:

Ensure sustainable consumption and production patterns

Goal 13:

Take urgent action to combat climate change and its impacts

Goal 14:

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Goal 15:

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

Goal 16:

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

Goal 17:

Strengthen the means of implementation and revitalize the global partnership for sustainable development

## **The Blue Economy**

Blue Economy means the use of the sea and its resources for sustainable economic development. The Blue Economy covers both aquatic and marine spaces including oceans, seas, coasts, lakes, rivers, and underground water. It encompasses a range of productive sectors, including fisheries, aquaculture,

tourism, transport, shipbuilding and repair, energy, bio prospecting, bunkering, sport fishing, port services, marine insurance, freight forwarding and underwater mining and related activities. Kenya is endowed with rich coastal and maritime resources which has a huge potential for development of the Blue Economy.

Kenya has great potential in achieving sustainable development through a Blue Economy approach. Key to achieving the above is ensuring that proper policies and strategies are put in place for the Blue Economy, adopting the agenda at the highest level both at the National and County level, and investing in the sector. In addition, public awareness on Blue Economy must be created, and capacity built to harness the benefits of the sector. For purposes of this CIDP, the blue economy refers to the main fishing activities in the county

# **1 CHAPTER ONE: COUNTY GENERAL INFORMATION**

## **1.1 Background**

This chapter provides the background information on the socio-economic and infrastructural information that has a bearing on the development of the county. It also provides description of the county in terms of the location, size, physiographic and natural conditions, demographic profiles as well as the administrative and political units. In addition, it provides information on infrastructure and access; land and land use; community organizations/non-state actors; crop, livestock and fish production; forestry, environment and climate change; mining; tourism; employment and other sources of income; water and sanitation; health access and nutrition, education and literacy, trade, energy, housing, transport and communication, community development and Social Welfare.

## **1.2 Position and Size of the County**

Kirinyaga County is located between latitudes 0°1' and 0° 40' South and longitudes 37° and 38° East. The county borders Nyeri County to the North West, Murang'a County to the West and Embu County to the East and South and also boarder small part of Machakos County. It covers an area of 1,478.1 square kilometers



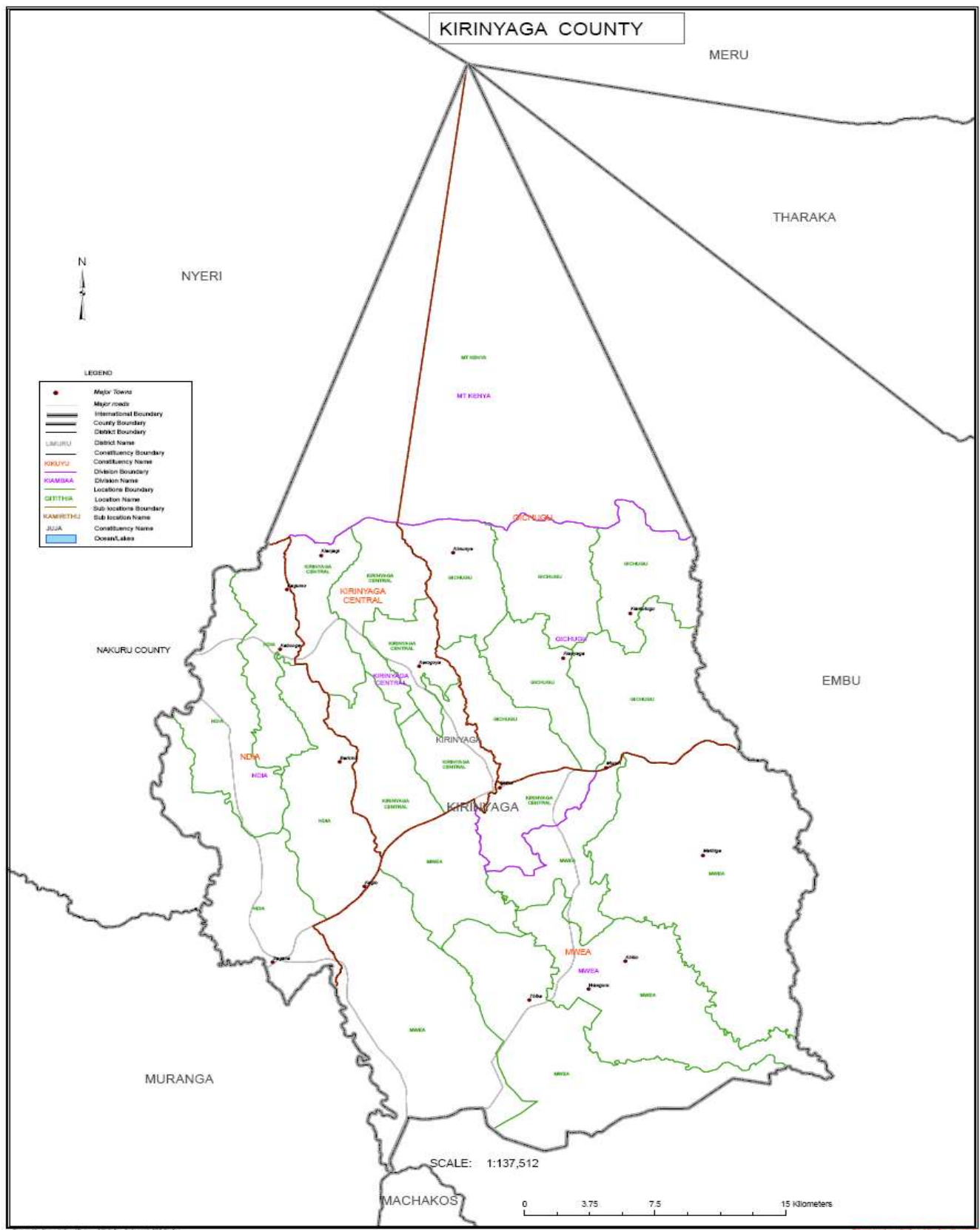


Figure 1.1 Kirinyaga County Map

### **1.3 Physiographic and Natural Conditions**

#### **1.3.1. Physical and Topographic Features**

Kirinyaga County is one of the 47 counties in the Republic of Kenya. It is in the central region, and it covers a total area of 1478.1 km<sup>2</sup>, of which 308.2 km<sup>2</sup> are under forest cover. The total land area under agricultural production is 801.7 km<sup>2</sup> (KNBS, 2019). Kirinyaga County is home to 610,411 people.

The county lies between 1,158 metres and 5,380 metres above sea level in the South and at the Peak of Mt. Kenya respectively. Mt. Kenya which lies on the northern side greatly influences the landscape of the county as well as other topographical features.

The mountain area is characterized by prominent features from the peak, hanging and V-shaped valleys. The snow melting from the mountain forms the water tower for the rivers that drain in the county and other areas that lie south and west of the county. The Snow flows in natural streams that form a radial drainage system and drop to rivers with large water volumes downstream.

#### **1.3.2. Ecological Conditions**

The county has three ecological zones; the lowland areas that fall between 1158 metres to 2000 metres above sea level, the midland areas that lie between 2000 metres to 3400 metres above sea level and the highland comprising areas of falling between 3400 metres to 5380 metres above sea level. The lowland area is characterized by gentle rolling plains that cover most of Mwea constituency. The midland area includes Ndia, Gichugu and Kirinyaga Central constituencies. The highland area covers the upper areas of Ndia, Gichugu and Central constituencies and the whole of the mountain area.

The county is well endowed with a thick, indigenous forest with unique types of trees covering Mt. Kenya. Mt. Kenya Forest covers 350.7 Km<sup>2</sup> and is inhabited by a variety of wildlife including elephants, buffaloes, monkeys, bushbucks and colorful birds while the lower parts of the forest zone provide grazing land for livestock. The rich flora and fauna within the forest coupled with mountain climbing are great potential for tourist activities.

The county has six major rivers namely; Sagana, Nyamindi, Rupingazi, Thiba, Rwamuthambi and Ragati, all of which drain into the Tana River. These rivers are the principal source of water in the county. The water from these rivers has been harnessed through canals to support irrigation at the lower zones of the county especially in Mwea sub-county. The rivers are also important sources of domestic water through various water supply schemes. The rapid populating increase is however constraining many of

the schemes since the designs were meant to cater for a smaller population. There is therefore a dam being constructed in the county at Gichugu Constituency as well as rehabilitation and expansion of Mwea irrigation scheme which will address some of these problems. The water resources, if optimally harnessed, will boost agricultural production in the county and contribute to sustained economic development and poverty reduction.

The geology of the county consists of volcanic rocks, which influence formation of magnificent natural features such as “Ndarasa ya Ngai’ (God’s bridge)” along Nyamindi River, and the seven spectacular water falls within the county.

### 1.3.3. Climatic Conditions

The county has a tropical climate and an equatorial rainfall pattern. The climatic condition is influenced by the county position along the equator and its position on the windward side of Mt Kenya. The county has two rainy seasons, the long rains which average 2,146 mm and occur between the months of March to May and the short rains which average 1,212 mm and occur between the months of October to November. The amount of rainfall declines from the high-altitude slopes of Mt. Kenya towards the Semi-arid zones in the eastern part of Mwea constituency. The temperature ranges from a mean of 8.10C in the upper zones to 30.30C in the lower zones during the hot season.

## 1.4 Administrative and Political Units

### 1.4.1 Administrative Units

The county is divided into five districts currently sub-counties namely; Kirinyaga East, Kirinyaga West, Mwea East, Mwea West and Kirinyaga Central. These districts are subdivided further into 12 divisions, 30 locations and 81 sub-locations.

### County constituencies and administrative units

**Table 1.1 Area (KM<sup>2</sup>) by Sub- County**

DISTRICT/SUBCOUNTY	AREA(KM <sup>2</sup> )	No. of Divisions	No. of Locations	No. of Sub locations
Kirinyaga West	208	3	8	16
Kirinyaga Central	153	3	5	18
Kirinyaga East	232	3	10	27
Mwea East	303	1	5	16
Mwea West	239	2	2	4

Forest Area	343			
<b>Total</b>	<b>1478</b>	<b>12</b>	<b>30</b>	<b>81</b>

The county has four constituencies namely Mwea, Ndia, Kirinyaga Central and Gichugu. Mwea Constituency comprises of two sub counties namely Mwea East and Mwea West Sub counties, while the other constituencies form Kirinyaga West, Kirinyaga Central and Kirinyaga East districts respectively.

Kirinyaga County has twenty (20) county assembly wards. Table below shows the constituency, name of County assembly ward and number of County Assembly wards per constituency.

**Table 1.2 County Government Wards by Constituency**

CONSTITUENCY NAME	NUMBER OF COUNTY ASSEMBLY WARDS
Mwea	8
Gichugu	5
Ndia	3
Kirinyaga Central	4

#### 1.4.2 County Government Administrative wards by constituency

**Table 1.3 County Government Administrative Wards**

Sub County	No. of Wards	No. of Villages
Kirinyaga West	3	
Kirinyaga Central	4	
Kirinyaga East	5	
Mwea East	4	
Mwea West	4	

#### 1.4.3 Political Units (Constituencies and Wards)

The county has four constituencies namely Mwea, Ndia, Kirinyaga Central and Gichugu. Mwea Constituency comprises of two sub counties namely Mwea East and Mwea West Sub counties, while the other constituencies form Kirinyaga West, Kirinyaga Central and Kirinyaga East districts respectively.

Kirinyaga County has twenty (20) county assembly wards. Table below shows the constituency, name of County assembly ward and County Assembly wards per constituency.

#### County's Electoral Wards by Constituency

**Table 1.4 County Government Electoral Wards by Constituency**

Constituency	County Assembly Wards
Mwea	Wamumu, Mutithi, Kangai, Thiba, Nyangati,



	Tebere, Gathigiriri, Murinduko
Gichugu	Kabare, Baragwi, Njukiini, Ngariama, Karumandi
Ndia	Mukure, Kiine, Kariti
Kirinyaga Central	Mutira, Kanyekiine, Kerugoya, Inoi



## 1.5 Demographic Features

### 1.5.1 Population Size, Composition and Distribution

#### County Population Age Structure

#### Population Projections (by Sub-County and Sex)

**Table 1.5 Population Projections (by Sub-County and Sex)**

Sub-county	2019				2022				2025				2027			
	M	F	Intersex	Total	M	F	Intersex	Total	M	F	Intersex	Total	M	F	Intersex	Total
Kirinyaga Central	60,118	62,617	5	122,740	62,322	64,912	5	127,239	64,606	67,292	5	131,903	66,175	68,926	6	135,107
Kirinyaga West	56,154	58,502	8	114,660	58,212	60,646	8	118,867	60,346	62,869	9	123,224	61,812	64,397	9	126,217
Kirinyaga East	67,037	68,514	4	135,559	69,494	71,025	4	140,524	72,042	73,629	4	145,675	73,792	75,417	4	149,213
Mwea East	66,432	66,114	8	132,554	68,867	68,537	8	137,413	71,392	71,050	9	142,450	73,126	72,776	9	145,910
Mwea West	52,228	52,594	6	104,828	54,142	54,522	6	108,671	56,127	56,520	6	112,654	57,490	57,893	7	115,390
<b>Total</b>	<b>302,011</b>	<b>308,369</b>	<b>31</b>	<b>610,411</b>	<b>313,038</b>	<b>319,644</b>	<b>32</b>	<b>632,714</b>	<b>324,513</b>	<b>331,360</b>	<b>33</b>	<b>655,906</b>	<b>332,395</b>	<b>339,409</b>	<b>34</b>	<b>671,838</b>

#### KNBS 2019

By the end of this plan period i.e. 2027, the County population is projected to be at 671,838 male and female being 332,395 and 339,409 respectively, while intersex number will increase from 31 to 34. Kirinyaga East Sub County will have the highest projected population of 149,213 followed by Mwea East 145,910. Kirinyaga Central, Kirinyaga West and Mwea West by end of plan period will be having 135,107,126,217 and 115,390 respectively.

#### Population projection by Age Cohort

**Table 1.6 Population projection by Age Cohort**

Age	2019			2022			2025			2027		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0-4	28,836	28,655	57,491	29,893	29,705	59,598	30,989	30,794	61,783	31,741	31,542	63,284
5-9	28,749	28,536	57,285	29,803	29,582	59,385	30,895	30,666	61,562	31,646	31,411	63,057
10-14	30,601	30,395	60,996	31,723	31,509	63,232	32,886	32,664	65,550	33,684	33,458	67,142
15-19	29,637	28,432	58,069	30,723	29,474	60,198	31,850	30,555	62,404	32,623	31,297	63,920

Age	2019			2022			2025			2027		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
20-24	23,042	23,586	46,628	23,887	24,451	48,337	24,762	25,347	50,109	25,364	25,963	51,326
25-29	20,721	21,433	42,154	21,481	22,219	43,699	22,268	23,033	45,301	22,809	23,593	46,401
30-34	24,114	25,634	49,748	24,998	26,574	51,572	25,914	27,548	53,462	26,544	28,217	54,761
35-39	24,522	24,698	49,220	25,421	25,603	51,024	26,353	26,542	52,895	26,993	27,187	54,179
40-44	21,621	21,154	42,775	22,414	21,929	44,343	23,235	22,733	45,968	23,800	23,285	47,085
45-49	18,253	17,714	35,967	18,922	18,363	37,285	19,616	19,036	38,652	20,092	19,499	39,591
50-54	14,939	14,573	29,512	15,487	15,107	30,594	16,054	15,661	31,715	16,444	16,041	32,486
55-59	12,496	12,485	24,981	12,954	12,943	25,897	13,429	13,417	26,846	13,755	13,743	27,498
60-64	7,918	7,956	15,874	8,208	8,248	16,456	8,509	8,550	17,059	8,716	8,758	17,473
65-69	6,445	6,982	13,427	6,681	7,238	13,919	6,926	7,503	14,429	7,094	7,685	14,780
70-74	4,631	6,053	10,684	4,801	6,275	11,076	4,977	6,505	11,482	5,098	6,663	11,761
75-79	2,225	3,239	5,464	2,307	3,358	5,664	2,391	3,481	5,872	2,449	3,565	6,015
80+	3,257	6,839	10,096	3,376	7,090	10,466	3,500	7,350	10,850	3,585	7,528	11,113
Age NS	4	5	9	4	5	9	4	5	10	4	6	10

#### KNBS: 2019

In 2019, the age cohort with highest population is 10-14 with 60,996 male and female being 30,601 and 30,395 respectively. While the one with lowest population was 75-79 with 5,464 population male and female being 2,225 and 3,239 respectively. By the end of this plan period, this population is projected to be 67,142 and 6,015 for ages 10-14 and 75-79 respectively with its gender population as, 10-14 male projected to be 33,684 and female projected to be 33,458 whereas 75-79 male projected to be 2,449 and female projected to be 3,565.

#### Population Projection by Urban Areas

**Table 1.7 Population Projection by Urban Areas**

Urban Area	Census (2019)			2022 (Projection)			Projection (2025)			Projection (2027)		
	M	F	T	M	F	T	M	F	T	M	F	T
Kerugoya	14,474	15,571	30,045	15,005	16,142	31,146	15,555	16,733	32,288	15,932	17,140	33,072

Urban Area	Census (2019)			2022 (Projection)			Projection (2025)			Projection (2027)		
	M	F	T	M	F	T	M	F	T	M	F	T
Kagio	6,294	7,663	13,957	6,525	7,944	14,469	6,764	8,235	14,999	6,928	8,435	15,363
Sagana	5,462	5,741	11,203	5,662	5,951	11,614	5,870	6,170	12,039	6,012	6,319	12,332
Kutus	4,441	4,702	9,143	4,604	4,874	9,478	4,773	5,053	9,826	4,888	5,176	10,064
Kimbimbi	3,221	3,604	6,825	3,339	3,736	7,075	3,461	3,873	7,335	3,546	3,967	7,513
Kagumo	1,702	1,971	3,673	1,764	2,043	3,808	1,829	2,118	3,947	1,873	2,170	4,043
Kianyaga	1,325	1,649	2,974	1,374	1,709	3,083	1,424	1,772	3,196	1,459	1,815	3,274
Wang'uru	24,846	26,868	51,714	25,757	27,853	53,610	26,701	28,874	55,575	27,349	29,575	56,925

#### **KNBS 2019**

Kirinyaga County has 8 major urban areas namely; Kerugoya, Kagio, Sagana, Kutus, Kimbimbi, Kagumo, Kianyaga and Wang'uru.

During census period, Wang'uru town in Mwea East sub-county had the most population of 51,714 male and female being 24,846 and 26,868 respectively, while Kianyaga urban area had the lowest population of 2,974 male being 1,325 and female being 1,649. Other urban areas that followed in population are; Kerugoya, Kagio, Sagana, Kutus, Kimbimbi and Kagumo, with 30,045, 13,957, 11,203, 9,143, 6,825 and 3,673 respectively. At the end of plan period, this population is projected as Wang'uru 56,925 male being 27,349 and female 29,575 while Kianyaga projected population will be 3,274 male being 1,459 and female 1,815. Other towns will have Kerugoya 33,072, Kagio 15,363, Sagana 12,332, Kutus 10,064, Kimbimbi 7,513 and Kagumo 4,043

## 1.5.2 Population density and distribution

**Table 1.8 Population density and distribution**

Sub-county				2022 (Projection)			2025 (Projection)			2027 (Projection)		
	Population	Area (KM)	Density	Population	Area (KM)	Density	Population	Area (KM)	Density	Population	Area (KM)	Density
Kirinyaga Central	122,740	153	800	127,239	153	829	131,903	153	860	135,107	153	881
Kirinyaga West	114,660	208	552	118,867	208	572	123,224	208	593	126,217	208	608
Kirinyaga East	135,559	232	585	140,524	232	606	145,675	232	629	149,213	232	644
Mwea East	132,554	303	437	137,413	303	453	142,450	303	470	145,910	303	481
Mwea West	104,828	239	438	108,671	239	454	112,654	239	471	115,390	239	482
Total	610,411	1,478	413	632,714	1,478	428	655,906	1,478	444	671,837	1,478	455

**KNBS 2019**

Population density allows broad comparison of settlement intensity across geographical areas. This calculated by dividing total population by the total land area, i.e. Population Density = Number of people/Land Area.

Kirinyaga County has total land area of 1478 square kilometers and 5 sub counties. Mwea east Sub County have the largest land area of 303 square kilometer while Kirinyaga central is the smallest with 153 square kilometers. Sub-county with the highest population is Kirinyaga East which during 2019 census period had 144,803 while Mwea west had the least population of 111,980. Therefore, Kirinyaga central have the highest population density of 800, followed by Kirinyaga East 585, then Kirinyaga West 552 then Mwea West 438 and last Mwea East which have a population density of 437. This is as well reciprocated in entire planning period projection where by 2027 Kirinyaga Central will have a population density of 881 and Mwea East 481. Each of the 5 sub-counties has a bigger population density compared to that of county level which during census period had 413 and by end of plan period, the county will have population density of 455.

### 1.5.3 Population Projection by Broad Age Groups

**Table 1.9 Population Projection by Broad Age Groups**

Age Group	2019 (Census)			2022 (Projection)			2025 (Projection)			2027 (Projection)		
	M	F	T	M	F	T	M	F	T	M	F	T
Under 5 Population	32,190	32,595	64,785	31,637	31,444	63,082	30,808	29,719	60,526	30,584	29,501	60,085
Pre-School (3- 5 Years)	19,066	19,210	38,276	18,943	18,972	37,915	18,759	18,615	37,374	18,546	18,257	36,803
Primary School (6 – 13 Years)	48,534	49,503	98,037	49,215	50,150	99,365	50,236	51,122	101,358	50,071	50,794	100,865
Secondary School (13 – 19 Years)	22,421	23,480	46,354	22,987	23,896	46,883	23,836	24,521	48,357	24,227	24,779	49,006
Youth (15 – 29 Years)	80,010	83,642	163,652	80,824	84,714	165,537	82,044	86,321	168,365	83,594	87,385	170,979
Women of Reproductive Age (15 – 49 Years)		171,603	171,603		174,797	174,797		179,587	179,587		182,115	182,115
Economically Active Population (15 – 64 Years)	197,144	206,599	403,743	202,154	212,740	414,894	209,668	221,952	431,620	214,359	226,988	441,347
Aged (65+)	22,614	23,364	45,978	21,439	23,980	45,419	19,675	24,903	44,578	19,715	26,819	46,534

**KNBS 2019**

Population by broad age groups provides an overview of manner in which the county population has been distributed. The table above exhibits the primary categories of population based on school years (3-19) years and sex, women reproductive age (15-49) years, and economically active population (15-64) years, and the ageing population (65+). According to the contemporary statistics and consecutive projections, the number of children under the age of 5 years is likely to gradually decline from 64,785 in 2019 to a projected 60,085 in 2027. The same trend will be realized in the preschool category. The trend is different for primary school children where the population is expected to increase gradually from 2019 to 2025, but experience a fluctuation in the year 2027. The population of residents falling under the category of secondary school is also likely to increase gradually from 2019 to 2025 and then register a slight decrease in 2027. However, the youth population is likely to exhibit gradually increase from 2019 to 2027, an indication that the productive population is will have a reliable baseline from

which the key players in the labour market can be derived. This trend is also exhibited in the number of women who fall within the reproductive age. Thus, the county, based on the projections, will register a gradual increase in the number of reproductive women by year 2027. The economically active population (15-64) years in 2019 was 403,743, implying that the county has a significant number of people who are economically active, surpassing those who are dependent on them in ages brackets (0-14) years and (65+) years. This provides sufficient evidence that deliberate efforts have to be made by the county government to support the economically reproductive population in terms of boosting their affirmative multiplier effect. This is likely to have a tangible effect on the population at the end of the reproductive age cohort to establish self-reliance as they approach the age of 65+, hence adjusting the dependency ration to the benefit of the economically productive population.

#### 1.5.4 Populations of persons with disabilities

##### Population of Persons with Disability by Type, Age and Sex

**Table 1.10 Population of Persons with Disability by Type, Age and Sex**

Type	2019			
	M	F	Inter- sex	T
Hearing	933	1,359	–	2292
Speech	1,058	960	–	2019
Visual	2,201	4,018	–	6219
Mental	2,009	2,958	–	4,967
Physical	3,019	6,254	–	9275
Self- care	1,360	1,655	–	3016
Albinism	39	57		96

**KNBS 2019**

#### 1.5.5. Demographic Dividend Potential

Demographic dividend is defined as the accelerated economic growth that a county can experience as a result of declining fertility levels that occasion a reduction in the dependency levels and an increase in the proportion of the population in the working ages (15-64 years). With fewer dependents to support, those in the working ages will have more savings that can be invested for the economic growth of the county thereby improving the wellbeing of the county's residents. However, the



attainment of a demographic dividend is not automatic. As the fertility levels decline, the county needs to make simultaneous strategic investments in the health, education, economic and governance sectors. The aim of these investments is to ensure that as the county's children and youth get older, they remain healthy, are able to access education and training opportunities, as they enter the labour force they get income and employment opportunities, they invest for their life in old age, and they participate fully in governance matters affecting the county.

**Table 1.11 Demographic Dividend Potential**

Category	2019		2023		2024		2025		2026		2027	
Population Size		%										
Population below 15 (%)	187,418	29%	187,505	29%	187,534	28%	187,562	28%	187,010	28%	186,458	28%
Population 15 - 64 (%)	403,743	63%	420,469	64%	426,044	65%	431,619	65%	436,483	65%	441,346	65%
Population above 65 (%)	45,978	7%	45,138	7%	44,858	7%	44,579	7%	45,556	7%	46,533	7%
Total population	637,139	100%	653,112	100%	658,436	1	663,760	100%	669,049		674,339	
Dependency ratio	0.58	0.58	0.55	0.55	0.55	0.55	0.54	0.54	0.53	0.53	0.53	0.53
Fertility Rate	2.7		2.6		2.6		2.6		2.6		2.5	

KNBS 2019

The table shows the projected population till the year 2027. This shows that the population will increase gradually thereby the county needs to plan accordingly so as to factor the gradual population growth over the years especially in key areas such as Health, Education, Economic and Governance areas. It also shows the projections in population age cohorts.

This is the productive or labor force population of the County. A large proportion of this population, mainly between 15 and 25 years is either in secondary schools or at the tertiary level. The bulk of the labor force is either unskilled or semi-skilled and is mainly engaged in agricultural activities. This calls for increased investments in manufacturing and service industries in the County to enhance job creation opportunities to absorb this ever-increasing population especially those being released into the job market.

The dependency ratio in Kirinyaga County is 55. This is one of the comparatively low ratios in the country implying that the ability by the working population to save and to invest is high. A higher dependency ratio is likely to reduce productivity growth. A growth in the non-productive population often diminishes the productive capacity of the county, impacting the potential to achieve positive growth in the economy.

The Total Fertility Rate in Kirinyaga County is averaged at 2.7 per woman. Thus, the number of children that would have been born to every 1,000 women in that year, assuming each woman passed through her child bearing years bearing children according to the age specific fertility rate, would have been about 2,700 children. This is significantly below the national fertility rate of 3.9 during the same year or 3,900 per 1,000 women. As fertility levels decline, the dependency ratio falls initially because the proportion of children decreases while the proportion of the population of working age increases. The period when the dependency ratio declines is known as the “window of opportunity” when a “demographic dividend” may be reaped because society has a growing number of potential producers relative to the number of consumers. The projection shows that the total fertility will continue to decline gradually.

## 1.6 Human Development Approach

### Human Development Indicators

The Human Development Index (HDI) represents a broader definition of wellbeing by providing a composite measure of three basic dimensions of human development which are health, education and income. HDI is derived from the life expectancy index, education index and GDP index of the county. Table 9 below shows a comparison of the county and national indicators

### Human Development Indicators

**Table 1.12 Human Development Indicators**

Indicators	County level	National level
GDI		0.937
HPI		46.00%
HDI	0.569	0.601

## 2 CHAPTER TWO: PERFORMANCE REVIEW OF THE PREVIOUS CIDP PERIOD

### 2.1 Overview

Pursuant to the Public Finance Management Act 2012 Sec 126 (1), every county government ought to prepare a development plan in accordance with Article 220 (2) of the constitution. In compliance with that legal provision, the Kirinyaga County Government has so far developed 2 five-year plans; First Generation CIDP (2013-2017) and Second Generation (2018-2022).

This review looks into performance of the Second Generation CIDP (2018-2022). The review reviews performance of county revenue sources; review of expenditure analysis as well as programs performance review.

### 2.2 Analysis of the County Revenue Sources

**Table 2.1 Analysis of the County Revenue Sources**

Revenue Sources	Revenue Projection					Actual Revenue				
	2017/18	2018/19	2019/20	2020/21	2021/22	2017/18	2018/19	2019/20	2020/21	2021/22
Equitable Share	4,409,200,000	4,113,400,000	4,241,100,000	4,241,100,000	5,196,177,952	4,409,200,000	4,113,400,000	4,241,100,000	4,241,100,000	5,196,177,952
Grants (Conditional grants from Gok And Development partners)	335,572,636	730,593,503	688,069,262	540,670,997	573,638,600	287,709,950	359,852,144	503,316,250	524,684,032	291,164,804
Own Source Revenue	600,000,000	430,000,000	480,000,000	405,000,000	485,000,000	343,970,322	432,638,447	374,738,723	346,521,599	364,653,724
<b>Total</b>	<b>5,344,772,636</b>	<b>5,273,993,503</b>	<b>5,409,169,262</b>	<b>5,186,770,997</b>	<b>6,254,816,552</b>	<b>5,040,880,272</b>	<b>4,905,890,591</b>	<b>5,119,154,973</b>	<b>5,112,305,631</b>	<b>5,851,996,480</b>

County Government has three major sources of revenue namely; equitable share in accordance with Article of the Constitution of Kenya; Grants from national Government sources as well as from development partners; and Own Source Revenue. Each year, equitable share and grants are appropriated in the Division of Revenue Act and County Allocation of Revenue Acts.

During the period under review, Equitable share was received 22.2 Billion as appropriated in the CARA, albeit delays in disbursement. The county received 1.96 Billion against a targeted 2.86 Billion from grants (both from National Government Sources and development partners. This indicates a performance of 31%.

Own Source Revenue collected for the period under review stood at 1.86Billion against a targeted collection of 2.4 Billion. This indicates a performance of 79%.

## 2.3 County Budget Expenditure Analysis

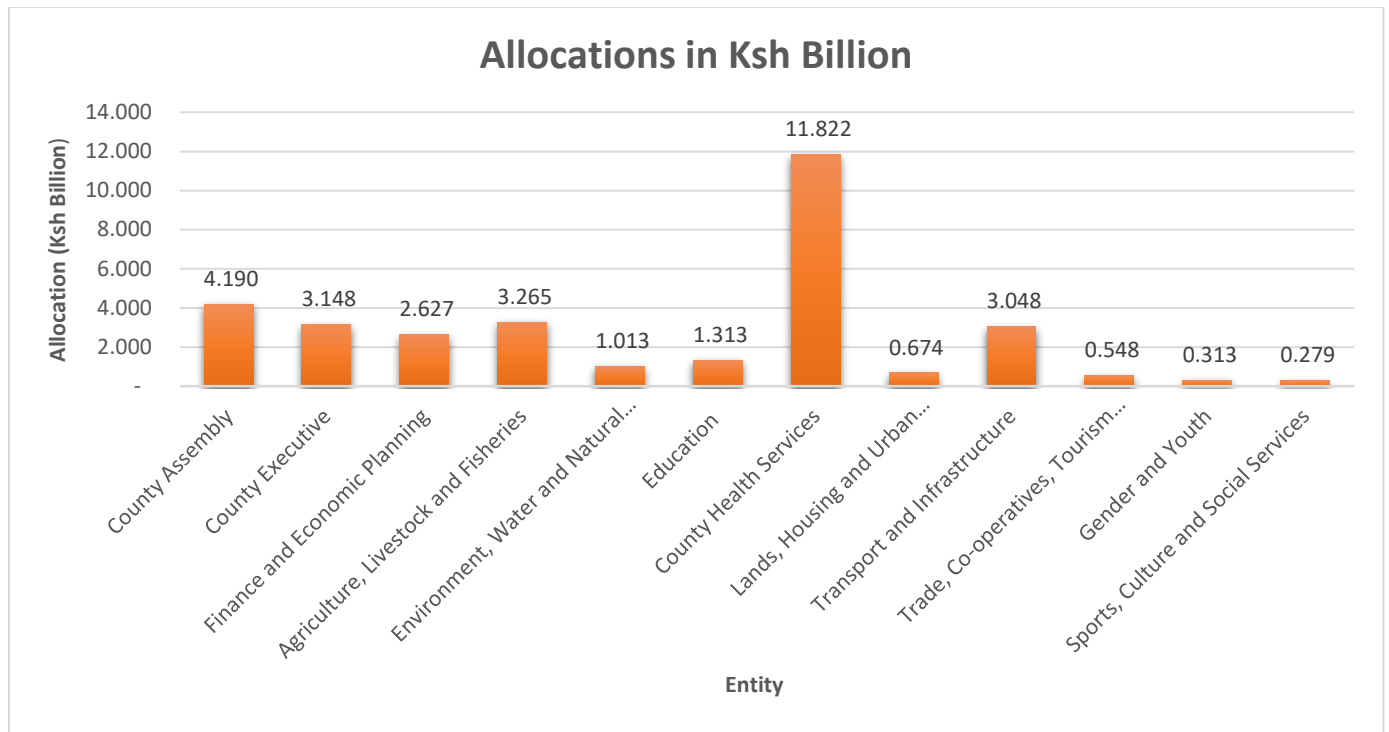
**Table 2.2 County Budget Expenditure Analysis**

<b>ENTITY</b>	<b>Total Budget Allocation-(2017/18-2021/22)</b>	<b>Total Expenditure-(2017/18-2021/22)</b>	<b>Variance</b>	<b>Absorption Rate</b>
County Assembly	4,189,644,084	3,621,078,536	568,565,548	86%
County Executive	3,147,657,589	2,613,843,543	533,814,046	83%
Finance and Economic Planning	2,626,839,565	2,171,636,550	455,203,015	83%
Agriculture, Livestock and Fisheries	3,265,344,452	1,877,182,600	1,388,161,852	57%
Environment, Water and Natural Resources	1,013,435,325	700,902,582	312,532,743	69%
Education	1,312,756,678	1,159,464,452	153,292,226	88%
County Health Services	11,822,092,861	10,791,654,440	1,030,438,421	91%
Lands, Housing and Urban Development	673,638,267	352,462,601	321,175,666	52%
Transport and Infrastructure	3,047,873,001	2,275,943,424	771,929,577	75%
Trade, Co-operatives, Tourism Industrialization and Enterprise Development	547,669,918	380,369,244	167,300,674	69%
Gender and Youth	313,484,459	258,078,706	55,405,753	82%
Sports, Culture and Social Services	278,580,448	180,175,335	98,405,113	65%
<b>TOTAL</b>	<b>32,239,016,648</b>	<b>26,382,792,013</b>	<b>5,856,224,635</b>	

**Source: County Treasury**

County expenditure for the last 5 years amounted to 26.3 Billion. County health services is the highest spending entity with total expenditure of 10.79 Billion. This amounts to 40% of total county expenditure in the last five years. Other strategic areas with highest investments in the county are; Transport and Infrastructure, agriculture, Livestock and Fisheries.

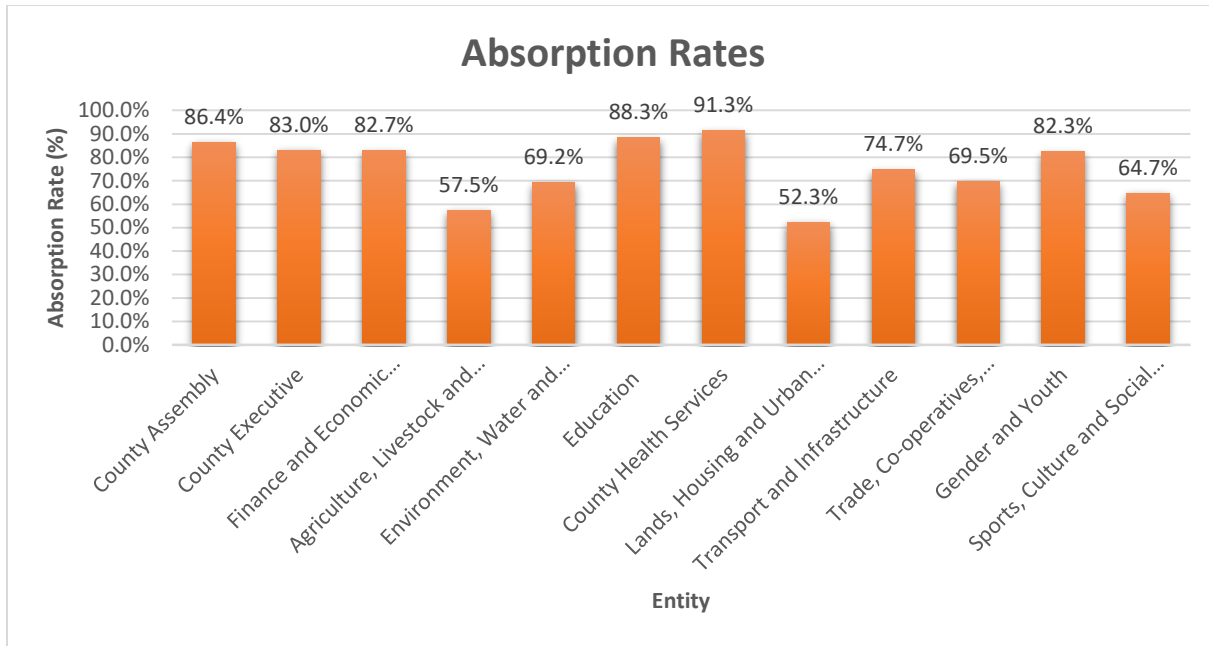
## Budget Allocation (2017/18-2021/22)



**Figure 2.1 Budget Allocation (2017/18-2021/22)**

Budget allocation by department indicates strategic investments in health services at 11.8 Billion, transport and Infrastructure at 3.04 Billion. Other major allocations includes county assembly 4.19 Billion and County executive 3.148 Billion. Agriculture, Livestock and Fisheries also received major allocation at 3.26 Billion.

## Absorption Rates (2017/18-2021/22)



**Figure 2.2 Absorption Rates (2017/18-2021/22)**

Overall absorption rate stood at 75%, with major service providers showing high absorption rates; health services with 91.3%, education at 88.3%.

## 2.4 Sector Programmes' Performance Review

### 2.4.1 Health Services

As at 2022, there were 256 health facilities in the county with a total installed bed capacity of 2206. These comprised of 70 public health facilities, 27 Mission/Faith-Based Facilities and 160 Private clinics and hospital. There are 4 level four Public Hospitals located in Kirinyaga Central, Gichugu, Ndia and Mwea Constituencies. In addition, there are 116 community units at level one which are spread all over the county.

Over the past 5 years, the department has operationalized 5 dispensaries ((Umoja, Kianjiru, Kiamwathi, Kamwana, Kiumbui) and 5 laboratories (Joshua Mbai, Kangu, Karimaini, Riakithiga Dispensaries) which has drastically reduced the distances between health facilities in Kirinyaga East sub-county. However over the years there was notable increase in the number of private health facilities which calls for regular inspection and regulations to ensure quality of health care.

Over the years the above health facilities experienced increased workload of patients seeking outpatient services. The most prevalent diseases in the county are; respiratory diseases at 45 percent others are skin diseases at 8 percent, diarrhoea at 5 percent, and amoebas at 4 percent. For causes of hospitalization and mortality cardiovascular diseases at 11percent which are due to complications of hypertension and diabetes are the most prevalent, HIV 5 percent and TB percent. In the year 2021/2022, COVID 19 ranked number 3 causes of deaths at 8 percent.

TB Treatment success rate has improved from 84% (2017) to 88% while the TB death rate has reduced from 9% (2017) to 7%.

In the year 2019/2020 and 2021/2022 the Kirinyaga county also overstretched on resources due to COVID19 pandemic with 2298 positive cases, 202 deaths(9% positivity rate) and 703 admissions(32% hospitalization rate). The county Government of Kirinyaga supported in providing oxygen, personal preventive materials and purchased 8 full-fledged ICU beds and ventilators.

Though county has large water bodies in the southern side (Mwea Constituency) due to rice growing. The county is classified as low risk for malaria (<1/1000). There is notable reduced prevalence rate due to control measures which have been ongoing; environmental health control, distribution of LLITNs that is MCH clinics to children under 1yr (70%) and pregnant women (73%) and mass net distribution

(2019,.....87%). In this regard, the county is targeted for malaria elimination among other counties like Nyeri, Laikipia and Nyandarua)

Globally non-communicable diseases (NCDs) are in the rise and Kirinyaga County is not exceptional due to lifestyle and lack of awareness. The county has registered increased cases of hypertension, diabetes, mental disorders and cancers. The county has supported the screening for hypertension and cancers at facility and community levels. For cancer patients, treatment centre was initiated with the help of 2 oncologists. The plan is to make it full-fledged cancer registry bearing in mind most cancer cases seek services in Kenyatta National hospital and the palliative centre in Nyeri come.

Due to increased number mental cases among health care workers, the county has trained on mental health to health care workers. This has been made possible due to enhanced screening in the health facilities and establishment of NCD clinics in primary care facilities across the county that has greatly improved access.

Over the year there has been notable change in community seeking for services delivery due to improved access and expansion of services. Immunization services in the county improved from 87% to 99% over the years. In 2021/2022 Kirinyaga County was awarded a trophy for the best performing County in measles/rubealla 2 and most improved in HPV vaccines. However in terms COVID19 vaccine, the county achieved 35.3% of fully vaccinated for >18yrs. There's need to scale up COVID19 vaccine for adults and adolescent 12-17years. There was notable improvement of women seeking antenatal services from 88% to 99% (1st antenatal attendance) and 45% to 59% came for 4th visit. The County has remained the best county to deliver and hence skilled delivery has improved from 83 to 95%. However the maternal ratio (116/100,000 live births and neonatal death rate (16/1000live births) which are on upward trend. The county has the best contraceptive prevalence rate (76%) which could be better than this if all private/chemist were reporting in this indicator.

Over the years, the county has been experiencing so many referral due to lack of capacity in terms of skill mix and infrastructure. The county embarked on upgrading Kerugoya County referral hospital to level5 and Kimbimbi and Kianyaga sub-county hospitals to proper level 4. Kerugoya superstructure and equipment were completed while the other 2 the civil works and ongoing. Kerugoya county referral will offer such specialized services e.g. MRI, ICU. To ease referral the county has operationalized the



command centre (ambulances commanded from one point) and 3 ambulances were purchased. The county has also developed an integrated hospital information management system where all outpatient modules are operational in order to increase sufficiency and effectiveness of service delivery.

Malnutrition is not a big concern in the county. However, there are pockets of underweight at 7.7 percent and stunted growth at 17.2 percent among children below 5yrs. This is attributed to the fact that most mothers' breastfeed during their first year coupled with constant supply of food.

The HIV prevalence is at 3%. However the HIV testing denitrification of people living with HIV is at 89% (target 14594). The health services for people with HIV has improved over the years. For example 99% of all positive clients were started on ART both general population and pregnant women. And 93% were virally suppressed. TB program has really invested lots of time and resources in curbing the disease across the county, however, there has been a drop in TB case finding 1457(notification rate 232/100,000) in 2018, 1281(Notification rate 203/100,000) in 2019 and 1248 (Notification rate 200/100,000) and TB treatment outcome this year due to COVID19. Almost 100% of TB/HIV confected patients were given ARV and CPT.

Other notable developments in the health sector includes;

- 10 new Dispensaries were constructed completed at 100%. This has contributed to better performance of various health indicators; skilled deliveries increase from 79.8% in 2017 to 101.4% in 2021, fully immunized children from 88% in 2017 to 99.7% in 2021
- Four laboratories were opened and operationalized (Joshua Mbai, Kangu, Karimaini, Riakithiga Dispensaries)
- Completion and operationalization of the Inpatient eye Unit in Kerugoya county referral hospital and eye unit at Kianyaga sub-county hospital
- Completion and Operationalization of radiology department in Sagana Sub-County Hospital
- Construction of Isolation ward in Kerugoya County referral hospital complete at 100%
- Through the support of AMREF and THS-UCP, the improved the number community units from 74 to 116 which has improved community engagement and involvement in health service delivery at the community level. There is also notable increment of pregnant women attending

at 4 ANC visit from 40.9% (2017) to 59.6% through CHVs referrals for the defaulters.

- The department also benefitted with equipment and machineries
- 1 washing machine, 3 ambulances, 6 generators. 1 incinerator, 3 ventilators, 2 ICU units and 1 cold room
- The department has also increased the scope of services offered in the county by establishing renal unit, cancer centre and CT scan which has really reduced the cost of travel while seeking these services in other counties for the clients.

#### 2.4.2 *Agriculture, Livestock, Veterinary and Fisheries*

During the period under review the directorate registered good progress in various area. There was an increase in crop acreage for the main value chains including avocados and macadamia, through establishment of one macadamia factory and initiation of construction of 4 modern aggregation centres for horticultural produce more so avocados.

The acreage under avocado increased by over 200 ha. Two seedling production nurseries were also constructed in Mwea and Kamweti. The directorate registered 13000 farmers who are benefiting from the National value chain support project by the National Government. Under the same theme, 23750 bags of assorted fertilisers were acquired by farmers through facilitation by the field staff from the National Government subsidized fertiliser system.

Extension services continued being provided in various methodologies like field days demonstrations, FFS, core farmer led field schools and field visits. Through the NARIGP project, farmer groups were supported to start propagation nurseries for avocados and tomatoes. It is anticipated that the nurseries will supply high quality planting materials and reduce the costs of the same for our farmers. The directorate continues supporting the groups with technical backstopping to ensure sustainability of these income generating activities.

The department has supported close to 50,000 households, raising their levels of income from Kshs 150 to above Ksh. 1,000 per day across the various value chains, including poultry production, tomato, avocado, dairy and fish farming, bee keeping, eggs incubators as well as pig rearing.

To reduce production costs there by increasing profitability margin, the department promoted households under the Wezesha program through establishment of an animal feeds production factory

at Kiaga where the farmers have been sourcing quality and subsidized animal feeds for poultry and dairy value chain. To boost the production capacity of the factory, the county has set aside budget to install two semi-dual automatic machines with capacity of producing 310 bags of 70kg per day. This in addition to the current 110 bags per day.

To promote the dairy value chain, our Wezesha program is working closely with the four dairy cooperatives namely Podago, Rukingo, Kirima and Rung'eto to improve their capacity for milk collection and value addition. We have provided them with milk coolers, yoghurt processing machines, power back-up generators and milk haulers. The department shall promote the existing cooperatives value add their milk through packaging their own milk in order to improve and enhance market access which will in turn increasing earnings for our dairy farmers.

Through the same program the dairy farmers are able to access subsidized A.I. services in collaboration with Kenya Animal Genetic Resources Center (KAGRC). So far a total of 85,000 cows have been served and we are seeking to double the figure in the coming years. The program aims at upgrading animal breeds for better milk production from the current average 5 liters per cow per day to 12 liters per cow per day.

In the coffee sector the county has included seven coffee cooperatives in our Wezesha program namely Mutira, Mwirua, Kabare, Ngiriambu, Rung'eto, Baragwi and Karithathi. The department has initiated coffee revitalization program aimed at improving coffee produce management, processing and improve market access. This will be achieved through acquisition and installation of modern eco-pulping machines for cherry processing and improve other related infrastructure such as coffee drying beds.

Through our interventions for equitable distribution of irrigation water in Mwea Irrigation scheme, the department has promoted increase the annual production of rice from 60,000 tonnes in 2017 to the current 113,000 tonnes. With the completion of Thiba Dam, we are aiming to increase land under rice irrigation from the current 25,000 acres to 48,000 acres which will double our production capacity. This will be achieved through collaboration with the national government to provide market for improved income for our farmers.

### 2.4.3 Education

At the beginning of the plan period in 2017, the national number of pre-primary schools was 25,381 public and 16,398 private. At the County level, there were 198 public and 216 private pre-primary schools. The enrolment of ECDE children was 12,868 in public schools and 10,625 in private schools. On the other hand, the number of teachers was 447 in public schools and 489 in private schools.

At the end of the plan period, in the County, the number of public schools were 199 while the private schools were 216. The children enrolment stood at 15,939 in public schools being an increase of 23.9%, while in private schools, the number was 11,525 being an increase of 8.5%.

In the period between 2018 – 2022, a total of 21 classrooms and workshops were constructed, 12 classrooms were renovated, and 130 lecture seats and 20 drawing tables were procured to facilitate improvement in quality of training being offered. During the same time, 6 new dormitories were constructed, 3 were renovated and a total of 84 double decker beds procured. This has led to increase in enrolment by more than 250 trainees.

9 pit latrines and toilets, 4 bio-digester systems, drilling of 1 borehole and water connection have gone a long way in improving sanitation in our VTCs and reducing spread of water-borne diseases. Construction of gates in 3 institutions and fencing of 6 VTCs were fenced thereby enhancing security of trainees and equipment in the institutions. Completion of 4 office blocks has enhanced service delivery in the institutions and ensured records are properly and securely kept. Additionally, construction of 1 auto-garage, and 3 masonry shades have gone a long way in improving quality of training in the VTCs.

Construction of new infrastructural projects, renovations, and furnishing with equipment has led to increase in enrolment from 1357 trainees in 2017 to 1793 in 2022 by 32% during that period. Completion rate over the period is over 60% of enrolment, amid variety of challenges being experienced by VTCs. After closure of educational institutions in 2020 due to the outbreak of Covid-19, many trainees dropped out early pregnancies and other others became casual labourers. They eventually and did not report back to complete their training and this led to drop in enrolment. Meanwhile additional 5 new VTCs have been established during the same period of time making a total of 16 VTCs in Kirinyaga County.

In the past five years, the County Government has disbursed Ksh. 290 million to needy children in secondary and tertiary institutions.

#### **2.4.4 Roads, Transport and Infrastructure**

In order to improve urban infrastructure by having smooth all weather surface for a motorway or pedestrian walkway, the County Government undertook car parking spaces and street improvement project in five major towns of Kirinyaga where 8,500 Square Meters (SM) were done in Kianyaga town, 19,500 SM in Kutus town, 35,630 SM in Kagio town, 12,500 SM in Kerugoya town and 11,000 SM in Wang'uru town however the works in Wang'uru are expected to rise to about 25,000 SM once the project is complete. The total area paved by the end of the plan period 2018-2022 will be 101,100 SM at a cost of Kshs. 500 million. The project has increased the county parking slots and improved the towns drainage system in addition to providing traders and investors with a conducive environment to do business. This is all geared towards transforming the county's urban centers into economic hubs.

Rural roads are considered the lifeline of rural communities since they ensure transportation of material, goods and men leading to diversification of agricultural activities and boosts rural economies. During the CIDP period 2018-2022, the County Government initiated the Nyorosha Barabara Mashinani initiative where a total of about 5,000 kms were graded compared to about 2,800 kms at the start of the CIDP 2018-2022 implementation period which represents an increase of 178.5%. About 800 kms were graveled compared to about 420 kms done by the end of the previous CIDP and this represents an increase of 190.5%. This has enhanced access to income opportunities in different county areas. The County has also constructed 10 bridges connecting people and homes across rivers such as Nyamindi. These include Maghiga-ini, Gachuria Moyo, Mukure and Kandakame among others.

In order to create a pleasant environment for late/night traders, prevent illegal works and anti-social activities for instance crime, the County Government installed an additional sixteen (16) 20M high floodlights masts in various strategic county locations from the initial 81 high mast floodlights. Better lighting will deter offenders and help spur economic activities in both county rural and urban areas.

For the longest time, Kirinyaga County has been served by only one fire station at Kerugoya although it does not meet the modern firefighting standards. To help the County achieve an inclusive multi-disciplinary and multi-sectoral approach in firefighting, factor climate variations into fire and rescue

services and disseminate information on fire safety, the County has begun the construction of a modern fire station at a cost of Kshs72 Million in Kutus town which is over 50% done and is expected to be completed by end of 2022/23 Financial Year.

#### ***2.4.5 Trade, Co-operatives, Tourism Industrialization and Enterprise Development***

At the beginning of the plan period (2017-2022) only 3 markets had been upgraded ie, Kagio fresh produce, Kerugoya fresh produce and Kagumo fresh produce markets. At the end of this plan period County Government of Kirinyaga has been able to upgrade 15 more markets which are; Kiamutugu open air market, Kianyaga open air market, Wang'uru open air market, Makutano open air market, Sagana open air market, Kibingoti open air market, Kagio clothes market, Kagio cereals market, Kagumo and Kerugoya phase II markets, Kutus open air market, Kibingo open air market and Githure Kathoge and Makutano aggregation markets.

Further supporting manufacturing through provision of coffee roasting, grinding and packaging machinery to support value addition in coffee value chain.

#### ***2.4.6 Lands, Physical Planning, Housing and Urban Development***

On the onset of the county integrated development plan 2018-2022, variety of activities were disorganized in the physical space across the county. The lacked basic planning framework and insufficient land for public purpose. The department utilize the opportunity to deliver plans and Programmes geared towards proper utilization of land resource. The department initiated preparations of County spatial plan and Kerugoya-Kutus municipal plan that opened up the county to service providers and development partners like Word Bank, SUED and KUSP. These activities have increased the value of land tremendously and there is evidence of organized use of land in urban areas.

Through numerous interventions, the county residents have enjoyed improved access to service areas, security of tenure and well managed development of towns and villages. Affordable housing schemes project to provide a home to over 100 households. The department has acquired parcel of lands to develop infrastructure in line with government Big 4 Agendas.

Kerugoya-Kutus Municipality lacked basic public utilities like car parks, public gardens, drainage systems, sewer systems modern markets and public washrooms. Only 15% of the municipality population had access to these facilities. At the end of the planning due to construction of ample cabro

car parks, modern markets, drainage systems, sewer system and urban image regeneration over 50% of the population enjoy these facilities.

#### **2.4.7 Environment, Water and Natural Resources**

At the beginning of the 2018/2022 plan period, the department had identified various challenges which were mainly on solid waste management. In the planning period 2013/2017, the department had constructed solid waste receptacles in all markets within the market & at residential areas due to poor handling & maintenance of waste which included burning the waste, the receptacles collapsed. To mitigate the challenge, in the planning period 2018/2022, the department targeted to acquire 100 skips & 5 skip loaders truck of which 30% & 20% has been achieved respectively. During the period, the department had also planned to develop the sustainable solid waste management structure by licensing of private garbage collectors Four (4) have been licensed.

In liaison with the Kerugoya-Kutus Municipality, the department has participated in the implementation of the sewage system which, by the end of the plan period 2018/2022, 40% has been achieved. This has been achieved under the Urban Centres Liquid Waste Management Program.

In the planning period, the department planned to enhance the county forestry through beautification of urban centers and county corridors, rehabilitation of dumpsites and increasing tree cover. Several areas have been beautified which include Samson Corner, Makutano Junction & Kirinyaga University junction. On the other hand, several dumpsites have been rehabilitated which include Kagio, Kiamathatwa and Kerugoya. Regarding county tree cover, in collaboration with KFS, the department has surpassed the targeted coverage for the plan period. Tree planting occurred in Kangaita forest, Castle Forest reserves, Thiba dam, Thiba River-River line (Riparian land), and Kerugoya Stadium. For instance, the department has repossessed approximately 20% of River Thiba's river-line through the aforementioned tree cover program. Currently the tree cover at the county is 30.39% and the Forest cover is at 23.62% which has surpassed the KFS & National targets of 30% & 10 % respectively. In 5 years, the department targets to achieve 40% forest cover in a bid to support the agenda of mainstreaming climate change.

In a bid to steer a better environment management system, the department has strived to have a well-structured environmental regulatory framework. Some of the tools that constitute the framework

include a Solid Waste Management Act, A Climate Change Act and a Climate change Unit. The department is in the final stage of enacting bills on the County Solid Waste Management and Climate Change. The enactment of these bills, specifically the climate change bill, will inform the process of establishing the climate change Unit. Table 1 shows the analysis of the projects implemented in 2018/2022.

At the beginning of the plan period the proportion of households with access to clean water and portable water stood at 55%. At the end of the plan period, the proportion increased to 65%. This affirmative growth is attributed to drilling of 12 boreholes, construction of 5 tanks, supply of water tanks, increased piping coverage across various wards in the county. At the beginning of the plan period, approximately 112,304 were connected to clean and portable water. However, at the end of the plan period, 132,722 household have been connected with clean and portable water. Out of the total households that are served with water, only 25% are served with clean and safe water. There are various sources of water constituting river Sagana, Nyamindi, Rupingazi, Thiba, Rwamuthambi and Ragati as the primary sources. There are unprotected water sources constituting 12 water pans, 3 dams, 208 shallow wells, boreholes & boreholes and protected springs. Thiba dam has been completed this year (2022) and is expected to serve and support the rice farming in the county, with the primary focus being Mwea. The department is part of the agencies that has been involved in the planning and implementation of Kerugoya-Kutus sewerage system.

The department is responsible for ensuring that citizens are connected with water for domestic consumption and irrigation purposes. For the plan period 2017/2022, the department consumed approximately 285.28million in connecting citizens with clean and portable water for domestic purposes. The department also used approximately 104.73 million to connect the citizens with water for irrigation purposes. This has assisted in improving the quality of life among the citizens and increased the food production across the county.

#### **2.4.8 Gender and Youth**

Under 'Wezeshama' programme, the county established Kaitheri Apparel Factory in Kerugoya to engage women in making school uniforms and hospital linen. We have also established a Gender-Based Violence and Recovery Centre in Kerugoya. In order to support school going children to have a



dignified life, free sanitary pads distribution programme to help reduce our girls' absenteeism from school which has so far benefited over 20,000 girls in the county. Further, in order to supported youth empowerment, the county has supported youth groups to engage in economic activities by supplying them with 4 Washing Machines, 1 welding machine which have economically benefited over 500 youths. Further on youth empowerment, support to acquire driving licences, support boda boda groups by constructing sheds towards improving their business. To support women empowerment and improve livelihood of welfare groups, the county has supported these groups and benefited over 300 beneficiaries.

To support the PWDs, the county embarked on enhancing mobility and functionality by providing various equipment which has reached 90 beneficiaries, improving access to information for visually impaired by provision of braille materials.

#### **2.4.9 *Sports, Culture and Social Services***

Distributed sports kits to over three hundred (300) clubs across the county. In order to support sports facilities, the county embarked on rehabilitating stadia such as Kerugoya, which is 80% complete and Kianyaga playing grounds. The National Government rehabilitated Wang'uru Stadium to International level, the county also embarked to develop talent in sports for our youth through supporting sports championships in various disciplines e.g football, volleyball, and athletics and cross country.

Construction of social halls in various wards in mwea- Nyangati, Tebere, Thiba, Gathigiriri to support social cohesion in the community.

#### **2.4.10 County Executive**

Automation of revenue collection- through the ICT department, the county embarked on ensuring efficiency in offering revenue services through automation. This has seen milestones achieved on revenue services including; Unified billing; Real-time revenue reporting; Customer notification of revenue events via sms and email; Increased payment channel e.g. mobile money; Bank integration thus ease and timely reconciliation of accounts.

Information dissemination- ensuring access to information, ICT department has continuously maintained and upgraded the county website, Sub-domain creation for different county departments.

Faster delivery of services and enhanced digital inclusivity- provision of Operational ICT Infrastructure

#### **2.4.11 Finance and Economic Planning**

This department comprises of the following directorates; Accounting Services, Revenue services, procurement services, Budget Formulation, Coordination and Management, internal audit services, Economic Planning services.

The department is mandated to prepare county plans and budgets, ensure smooth procurement and payment process, resource mobilization through revenue collection, monitoring and evaluation of county programs.

During the CIDP 2018-2022 period, the department was able to carry out preparation of development policies, ADPs, Second Generation CIDP (2018-2022), formulation and submission of Annual County Budgets each year. The department also ensured smooth implementation of county budgets through facilitating procurement processes; ensured timely settlement of payments through the Accounting services directorate.

Through the revenue department, ensured resource mobilization for implementation of projects and programs. In order to achieve efficiency in own source revenue collection, this department embarked on rolling out automated revenue management system which is being implemented.

## **2.5 Challenges**

During implementation of the previous CIDP, there were a numerous challenges experienced. Amongst the most notable challenges includes;-

Inadequate resources- the county experienced inadequate resources allocated to development activities. This is occasioned by expenditure pressures from huge recurrent expenditures. This has also been worsened by late release of funds from the National Treasury hampering projects implementation. Further, during the period, the county did not meet own source revenue targets in majority of the financial years. This was occasioned by low efficiency in revenue collection methods. The county has since rolled out Automated Revenue Management System which, once fully operational, is expected to greatly improve revenue collection.

## **2.6 Emerging issues**

**COVID 19 pandemic:** The COVID-19 outbreak proved a major hindrance to services delivery since the 1st case was reported in Kenya in March 2020. Various sectors were greatly affected due to pandemic containment measures put in place by the Government. These included inter-county lock downs which reduced business activity around the county. Many households lost income and consequently put them on the edge of poverty. In the Agriculture sector, the disruption of international supply systems that led to high cost of fertilizers and fuel that had a serious negative impact on production and productivity. The County and National Governments however, instituted measures to cushion citizens. These measures included supporting them with food and non-food stuff to the most vulnerable, reduction of taxes by national government. To aid recovery, the government also ensured access to credit to Micro and Small Enterprises. There was notable reduced health seeking behavior due to fear, there was decongestion of the outpatient and wards to maintain the distance of 1.5m which affected the workload and service delivery. The health workers weren't spared by the new infections leaving thin workforce to attend the clients and some facilities being closed for some time to facilitate fumigation. At the community level, many people who were working in factories and industries within the county were laid off and some who were on chronic care management had their care interrupted. The county government and National government mitigated the COVID-19 effects on the health system by allocating additional resources.

**Novel pests and diseases-** like Maize lethal necrosis, Tuta absoluta, Golden apple snail, Potato cyst nematodes which were previously unknown in the county but had serious impact on crop production and cost of production

**Climate change-** challenges had had an impact on crop performance and this needs to be addressed

adequately

## **2.7 Lessons Learnt**

The county should ensure robust revenue mobilization strategies which includes fully automation of the revenue collection system. Timely disbursement from the National Treasury is key to improving timely completion of projects and programs. In addition, to ensure increased funding for development priorities, there is need for continued and improved collaboration between the county government and development partners. The county should also embrace Public Private Partnership as means to mobilize resources and spur more economic growth.

Disaster preparedness is key to secure the county's economy from unforeseen shocks from disasters. Adequate resources and response mechanisms should be instituted.

Climate change mitigation measures must be mainstreamed in development activities.

## 2.8 Natural Resource Assessment

**Table 2.3 Natural Resource Assessment**

Name of Natural Resource*	Dependent Departments	Status, Level of Utilization; Scenarios for Future	Opportunities for optimal utilization	Constraints to optimal utilization	Existing Sustainable Management strategies
Surface Water- River Thiba, Nyamindi, Rupingazi, Rwamuthambi and their tributaries	Environment, Water & Natural Resources, Agriculture	The county is home to major rivers; Thiba, Nyamindi, Rwamuthambi. Water resource is abundant but not optimally utilized for irrigation and domestic use.	Adoption of modern irrigation systems.  Improvement of water distribution networks.	Inadequate financial support to farmers for acquiring modern irrigation systems  Lack of adequate capacity for water service providers to distribute domestic water to individual households.	Regularization of water intakes.  Ensure conservation of riparian lands and water tower catchment areas.
Land	Across sectors	Out of the total county land size, 1170.7km <sup>2</sup> is arable land which is used for cash crop, and mixed farming.	Development of spatial plans to designate lands for various activities and protect areas for food production and industrial development.	Lack of proper development and county spatial plans	Finalization, operationalization and enforcement of county spatial plan.
Forests	Environment, Water & Natural Resources, Agriculture, lands, housing, & Tourism	The county has 7 forests with 5 Gazzetted forests (Mt. Kenya, Njukiini west, Murinduko, Karaini & Kamuruana)	Forests are water towers in the county. They are mainly utilized for water sources and sources of wood fuel. Mt. Kenya national park is a tourist attraction center. Tourism can be improved by marketing strategies and	Deforestation is a big challenge to sustainable use	Measures to protect the catchment areas should be put in place including reforestation of degraded forest areas.  Promotion of agro-forestry to increase tree cover.

Name of Natural Resource*	Dependent Departments	Status, Level of Utilization; Scenarios for Future	Opportunities for optimal utilization	Constraints to optimal utilization	Existing Sustainable Management strategies
			infrastructural developments		
Wetlands and riparian reserves	Environment, Water & Natural Resources, Agriculture and Tourism	The county has 24 identified wetlands and approximately 500KM of riparian reserve.	Wetlands are sources of water  They are habitat for migratory birds which serves as tourists' attraction.  They offer opportunities for blue economy especially in fishing industry.	Encroachment of wetlands hinders their conservation  Lack of legal land ownership for the wetlands  Weak enforcement in protection of wetlands and riparian areas.	Measures put in place to protect and conserve riparian and wetlands in the county
South Ngariama and Kwa V gravel quarries	Roads	Highly depleted of good quality gravel with huge overburden	Surface runoff water harvesting. Borrow pit rehabilitation	Long distance	Borrow pit rehabilitation
Mt. Kenya	Tourism Agriculture	. Few tourists visiting . Lack of public sensitization -Poor infrastructure	Synergy between county government and National Government for Tourist attraction for Increased Gross County Products	. Deforestation . Inadequate resources for public sensitization	<ul style="list-style-type: none"> <li>• Afforestation</li> <li>• Increased budget allocation for the department</li> <li>• Wild animal conservation</li> <li>• Increase human resource</li> </ul>

## 2.9 Development Issues

### 2.9.1 Health Services

**Table 2.4 Development Issues Health Services**

Development Issue	Cause(s)	Constraint(s)	Opportunities
<ul style="list-style-type: none"> <li>• Gaps in quality of care in public health facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Limited capacity of screening and treating certain conditions eg NCDs</li> <li>• Inadequate</li> </ul>	<ul style="list-style-type: none"> <li>• Constrained county resources may inhibit scaling up of curative health services in public</li> </ul>	<ul style="list-style-type: none"> <li>• Universal health coverage programs</li> <li>• Enhance Public-Private</li> </ul>

Development Issue	Cause(s)	Constraint(s)	Opportunities
	<p>equipment for routine and specialized health services</p> <ul style="list-style-type: none"> <li>• Gaps in health products and technologies management</li> <li>• Lack of integrated health information management system</li> <li>• Staff shortage and inadequate skill mix</li> <li>• Uneven and inconsistent implementation of quality initiatives in the health sector.</li> </ul>	<p>health facilities.</p> <ul style="list-style-type: none"> <li>• Cost of health services in public hospitals may form a barrier to access to care for the indigent in the community</li> <li>• Limited quality management system</li> </ul>	<p>partnerships</p> <ul style="list-style-type: none"> <li>• Strengthen mental health services in the county</li> <li>• Completion of stalled health facilities</li> <li>• Roll out Health Management Information System to all public health facilities</li> </ul>
<ul style="list-style-type: none"> <li>• Sub-optimal mental health services in the county</li> </ul>	<ul style="list-style-type: none"> <li>• Under investment in mental health services</li> <li>• Inadequate specialized mental health personnel</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate career development path for mental health professionals</li> <li>• High stigma for mental health disorders</li> </ul>	<ul style="list-style-type: none"> <li>• Integration of mental health services in Primary Health Care facilities</li> </ul>
<ul style="list-style-type: none"> <li>• High communicable disease morbidity and mortality especially HIV, TB and Malaria</li> </ul>	<ul style="list-style-type: none"> <li>• Sub-optimal targeting of Key and Vulnerable Populations</li> <li>• High HIV stigma index</li> <li>• Low TB case detection rate (based on prevalence survey-2016)</li> </ul>	<ul style="list-style-type: none"> <li>• Low county investment in HIV, TB and Malaria</li> </ul>	<ul style="list-style-type: none"> <li>• Improved HIV/AIDS &amp; TB services and budgetary allocation</li> <li>• Public Private engagement for TB case finding and management</li> </ul>
<ul style="list-style-type: none"> <li>• Rising burden of Non-Communicable diseases (NCDs), Injuries (RTAs, Violence, GBV)</li> </ul>	<ul style="list-style-type: none"> <li>• Suboptimal screening and early identification of preventable diseases</li> <li>• Weak referral system from community to health facilities (Notable delays at community level)</li> <li>• Sub-optimal Health</li> </ul>	<ul style="list-style-type: none"> <li>• Inadequate budget allocation for preventive and promotive activities</li> </ul>	<ul style="list-style-type: none"> <li>• Promotion of public awareness and healthy living through education in school and communities</li> <li>• Enhance community</li> </ul>

Development Issue	Cause(s)	Constraint(s)	Opportunities
	<ul style="list-style-type: none"> <li>seeking behavior especially for NCDs and among men</li> <li>Low investment in health promotion activities</li> </ul>		health
<ul style="list-style-type: none"> <li>Under investment in Primary Health care services</li> </ul>	<ul style="list-style-type: none"> <li>Under prioritization of PHC in county health planning and budgeting</li> <li>Over reliance of external grants and donor funding for PHC services</li> </ul>	Constrained county resources may inhibit scaling up PHC services in the county.	<ul style="list-style-type: none"> <li>Implementation of primary care network guidelines</li> </ul>
<ul style="list-style-type: none"> <li>Low Reproductive Health (RH) services uptake amongst the youth</li> </ul>	<ul style="list-style-type: none"> <li>Lack of youth targeted RH services</li> </ul>		<ul style="list-style-type: none"> <li>Operationalize identified Youth Friendly Centre</li> </ul>
<ul style="list-style-type: none"> <li>Poor environment, sanitation and hygiene</li> </ul>	<ul style="list-style-type: none"> <li>Lack of universal sanitation coverage</li> </ul>		
<ul style="list-style-type: none"> <li>Over-reliance of donor funding for disease prevention programs</li> </ul>	<ul style="list-style-type: none"> <li>Under prioritization of HIV, TB and other chronic diseases</li> </ul>	<ul style="list-style-type: none"> <li>Constrained county resources may inhibit scaling</li> </ul>	<ul style="list-style-type: none"> <li>Engagement of private providers in provision of chronic disease prevention, care and treatment</li> </ul>
<ul style="list-style-type: none"> <li>High levels of obesity, malnutrition and wasting</li> </ul>	<ul style="list-style-type: none"> <li>Poor dietary and lifestyle habits</li> </ul>		
<ul style="list-style-type: none"> <li>Sub-optimal Community Health strategy</li> </ul>	<ul style="list-style-type: none"> <li>Weak community engagement in disease control, preventive and promotive services (weak community structures)</li> <li>No stipends/community kits for active CHVs</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate community awareness on health issues</li> </ul>	
Inadequate budgetary allocation for health services	<ul style="list-style-type: none"> <li>Inadequate support for supervision, monitoring and evaluation</li> <li>Lack of framework for stakeholders'/sectors coordination</li> <li>Low demand and use of generated information</li> <li>Inadequate capacity for operational research to inform policy</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate budget allocation for administration, management and coordination of health services</li> </ul>	Ring fencing of funds meant for health
<ul style="list-style-type: none"> <li>Gaps in health governance in public hospitals</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate structures for coordination of health services (hospital boards)</li> <li></li> </ul>		<ul style="list-style-type: none"> <li>Well defined management structures at all levels (facility, sub-county and county)</li> </ul>



Development Issue	Cause(s)	Constraint(s)	Opportunities
<ul style="list-style-type: none"> <li>Catastrophic/Impoverishing Health expenditure</li> </ul>	<ul style="list-style-type: none"> <li>Low uptake of Health insurance in the county</li> </ul>	<ul style="list-style-type: none"> <li>Prevailing economic conditions</li> </ul>	<ul style="list-style-type: none"> <li>Government subsidy programs targeting the poor</li> <li>Social protection mechanisms</li> <li>Community Based Organizations as a platform for Community based health insurance</li> </ul>

## 2.9.2 Agriculture, Livestock, Veterinary and Fisheries

**Table 2.5 Development Issues- Agriculture, Livestock, Veterinary and Fisheries**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Agriculture	Low Agricultural Productivity and Outputs	Low adoption of technologies Crop pre and post-harvest losses Inadequate extension services Low and declining soil fertility	High cost of inputs Low numbers of extension officers High cost of technology adoption Poor infrastructure	Creating a revolving fund for inputs Bulk purchase by farmer groups Value addition Private sector involvement in extension Use of IT in extension Technical capacity development of service providers
	Inadequate Access to Affordable Credit and Inputs	High cost and low quality of inputs Limited capital and access to affordable credit Restrictive terms of credit	Financial illiteracy by farmers Low appetite for credit Perceived high risk in agriculture Lack of interest by finance institutions High inherent risks	Create farmer based savings and credit entities Policy intervention on interest rates Subsidized credit Create an inputs revolving fund
	Inadequate Market Access and information	Low usage of IT Lack of data collection and feedback system Lack of regulatory systems Lack of coordination	IT illiteracy by farmers Informal nature of many markets Lack of an integrated IMS Technical capacity to gather and analyse data	Enhance IT usage Create a centralized integrated information management system Establish service centres for dissemination
	Inappropriate Policy and Legal Framework	Lack of county legal frameworks guiding the agricultural sector	Slow processing of legislative documents	Domesticate national policies and laws Lobbying for enactment of legislation
	Inadequate Institutional Capacity and Linkages	Poor coordination Inadequate of resources Low participation of players Mistrust among players Low technical capacity of service providers Overlap and duplication of service mandates	Inadequate technical and financial capacity of players Lack of a legal coordination framework Lack of quality control of service provision	Domesticate KASEP Strengthen CASCCOM Training of extension and other service providers
Livestock Production & Veterinary Services	<ul style="list-style-type: none"> <li>Low livestock production/yield</li> </ul>	<ul style="list-style-type: none"> <li>Poor livestock breeds</li> <li>Livestock diseases and pests</li> <li>Inadequate fodder</li> <li>Low extension services</li> </ul>	<ul style="list-style-type: none"> <li>Inadequate funding</li> <li>Poor market structures</li> <li>Inadequate staffing</li> <li>Poor mobility</li> </ul>	<ul style="list-style-type: none"> <li>Climate smart technologies</li> <li>Adoption of E extension</li> <li>Invest in value addition</li> <li>Strengthen farmers institution/organization</li> <li>Enhanced disease surveillance and strategic</li> </ul>

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
		<ul style="list-style-type: none"> <li>- Shortage livestock production staff</li> <li>- High cost and poor quality of inputs</li> <li>- High post-harvest loses</li> <li>- Low livestock product prices</li> <li>- Land fragmentation</li> <li>- Climate change</li> <li>- Lack of prompt laboratory diagnosis for simple field diseases</li> <li>- Shortage of veterinary technical staff</li> <li>- Shortage of transport for county and sub county technical teams</li> </ul>	<ul style="list-style-type: none"> <li>- Low production of quality raw material for concentrates</li> <li>- Affordability superior genetic material</li> <li>- Inadequate extension services due shortage of staff</li> </ul>	<ul style="list-style-type: none"> <li>- disease control (vaccination)</li> <li>- Enhance fodder processing and conservation</li> <li>- Exploit and increase funding to community group initiatives</li> <li>- Partnering with other stakeholder</li> <li>- Creating linkages to Market, financial institution and insurance</li> <li>- Employ livestock extension officers</li> <li>- Employ Veterinary technical staff</li> <li>- Construct and equip laboratory</li> <li>- Purchase motor vehicles</li> </ul>
Fish Production	<ul style="list-style-type: none"> <li>• Low fish production</li> <li>• Low fish consumption</li> </ul>	<ul style="list-style-type: none"> <li>- High cost and poor quality of inputs</li> <li>- High post-harvest loses</li> <li>- Low quality seeds (fingerlings)</li> <li>- Land fragmentation</li> <li>- Poor market structures and linkages</li> <li>- Low extension Services</li> <li>- Social cultural issues towards fish</li> </ul>	<ul style="list-style-type: none"> <li>- Inadequate funding</li> <li>- Low staffing levels and mobility</li> <li>- Lack of fish market/outlet structures</li> <li>- Poor accessibility of quality feeds and raw materials for concentrates</li> <li>- Affordability of superior seeds (fingerlings)</li> <li>- Low surveillance of rivers and dams</li> </ul>	<ul style="list-style-type: none"> <li>- Climate smart technologies</li> <li>- Adoption of E - Extension</li> <li>- Invest in value addition and set modern structures</li> <li>- Strengthening fish farmers association and cooperatives</li> <li>- Licensing fish mongers fisher men/women</li> <li>- Partnering with other stakeholders</li> <li>- Exploit and increase funding to community groups initiatives</li> <li>- Link farmers to financial institutions and insurance</li> <li>- Employ more extension officers</li> </ul>

### 2.9.3 Education

**Table 2.6 Development Issues- Education**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Vocational Education and Training	Human resource Support staff(e.g. accountant) and security officers	Inadequate instructors and other support staff No security officers	Inadequate funding	Increased enrolment Quality training
	Low enrolment	Absent of in-service training and capacity	Inadequate funding	Improve on existing infrastructure

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
		building lack of internet connectivity for innovation		Publicity & sensitization Recruitment competent instructors. Construction of modern motor vehicle shed with inspection pit & equipment
	Lack of attractive training programs for youth	Lack of training personnel	No policy for employment of replacement and instructors	Provision of modern equipment Instructors training programs to be done Organizing institutions skills competition
Education - ECDE	Improving infrastructure	dilapidated infrastructure	Pre-devolution lack of budgetary allocation	A devolved function that is catching attention of County Government

#### 2.9.4 Roads, Transport and Infrastructure

**Table 2.7 Development Issues- Roads, Transport and Infrastructure**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Transport, Roads and Public Works	Encroachment of existing road reserves	Lack of public awareness and civic education	Inadequate capacity for enforcement and civic education on law relating to encroachment	<ul style="list-style-type: none"> <li>Demarcate road reserves and mapping of County road.</li> <li>Funding for public sensitization to keep off road reserve</li> </ul>
	Low quality roads construction material	Depletion of natural road construction materials	Inadequate capacity to explore and implement new roads technology.	<ul style="list-style-type: none"> <li>Adoption of new technology for instance stabilized soil, Do-nou technology.</li> </ul>
	Inadequate capacity by local contractors	<ul style="list-style-type: none"> <li>Use of unqualified labour.</li> <li>Lack of sufficient capital.</li> <li>Delayed payment of contractors.</li> </ul>	Late disbursement of funds by National Treasury.	Enhancing local contractors' capacity and timely payment as per contracts to also ensure timely projects completion.
	Inadequate construction and maintenance funding	Limited County Resources against competing priorities	Inflation of construction materials cost	<ul style="list-style-type: none"> <li>Enhancing collaboration with neighbouring counties and the National Government.</li> </ul>

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
				<ul style="list-style-type: none"> <li>• Lobby for increased budgets.</li> <li>• Adopting alternative cost efficient technologies.</li> <li>• Source funds from development partners.</li> </ul>

### 2.9.5 Trade, Cooperatives, Tourism and Enterprise Development

**Table 2.8 Development issues- Trade, Cooperatives, Tourism and Enterprise Development**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Cooperatives, Tourism, Trade, Marketing, Industrialization & Enterprise Development	Lack of conducive trading environment	-Increased farm products -Inadequate markets to cater for demand and supply forces	-Low budget allocation	-Product diversification -Market linkages -Land availability
	Low industrial development sector in the county	-No proposed and approved PPP model	-Low budget allocation	-land availability
	Poor tourism circuit establishment in the county	-Poor infrastructure -Lack of public sensitization	-Low budget allocation -No tourism staffs in the department -Poor infrastructure	- Synergy between county government and National Government for Tourist attraction for Increased Gross County Products -Tourist attraction in the county -Variety of tourist attraction areas across the county.
	Poor Corporate Governance in cooperative sector	-Lack of training and extension services	-Low budget allocation	-Provision of more trainings to corporates and cooperatives -Existing cooperative policies
	Malpractice in weights and measurement tools	-Lack of verification of weights and measurement	-Low budget allocation -Enforcement vehicle	-Fair trade practices -Consumer protection

### 2.9.6 Lands, Physical Planning, Housing and Urban Development

**Table 2.9 Lands, Physical Planning, Housing and Urban Development**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
<b>Lands Physical Planning and Housing</b>	Lack of adequate plans to guide development	-Urbanization and lack of adequate facilitation to planning and zoning	-Low budget allocation -Incomplete plans	-Availability of willing partners to enhance planning.

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
	Lack of public land for public purposes	-High population density. -High land values	-Low budget allocation for land acquisition. -Lack of vacant land or willing sellers	-Government policy on land acquisition. -Participatory approaches in project planning and implementation.
	Low housing provision	High population density and rapid urbanization. High Cost of construction	-Lack of land for housing construction -High cost of construction materials	-ABT centers to train on appropriate building technology. -National Government Affordable Housing scheme
	-Inadequate public car and bus park spaces in Kerugoya-Kutus Municipality	-Urbanization and increased mobility in and out of the municipality	-Inadequate funds	-Available public spaces for expansions of car and bus parks.
	-Lack of modern livestock yard in Kerugoya-Kutus Municipality	-Lack of public land for construction.	-Inadequate funds	-Presence of municipal plan and Urban Economic Plan.

### 2.9.7 Environment, Water and Natural Resources

**Table 2.10 Environment, Water and Natural Resources**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Environment, Energy & Natural Resources	Development, formulation and management of policies and laws relating to departmental functions	Lack of legal capacity in the department to carry out its functions optimally	Lack of financial resources	It will enhance enforcement and compliance to environmental standards and ensure a clean, healthy and sustainable environment as enshrined in the word and spirit of the constitution of Kenya 2010
Environment, Energy & Natural Resources	Undertake conservation, control and protection of Natural resources	Degraded environment and unsustainable consumption of natural resources	Lack of financial resources Inadequate Institutional capacity to handle functions Lack of legal framework to govern the functions of the department.	Sustainable consumption and development of natural resources Improved biodiversity
Environment, Energy & Natural Resources	Enhance environment conservation through improved private and public linkages to ensure effective coordination	Poor linkages and engagement with relevant stakeholders on environmental conservation and control	Lack of operational structures to guide the engagement of relevant stakeholders and institutions Lack of adequate funds	Public sensitization campaigns and advocacy on matters of environmental conservation for collective responsibility
Environment, Energy & Natural Resources	Capacity builds the current human resource and recruit key personnel as per the departmental organogram	Understaffing in the department Limited training opportunities for departmental staff members	Lack of adequate funds	Key personnel to streamline departmental functions and service delivery
Environment, Energy & Natural Resources	Mainstreaming and coordination of climate change adaptation and mitigation	It is the departmental legal obligation to implement and report on climate change issues. Need to instigate and	Lack adequate funds Lack of adequate technical human capital Lack of legal framework and	Improved adaptation to climate change Reduced vulnerability of communities to climate change impacts Reduced emissions of GHGs

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
		disseminate climate smart technologies to ensure low carbon and climate resilient development. Need for training on climate change	policy. Lack of public awareness on the causes and impacts of climate change	to mitigate climate change Improved resilience to avert loss of investment
Water and Irrigation services	Way leave	conflict	Land issue	Involve all stakeholders before commencement of work
	Duplication of projects	Lack sector coordination between county and national Government	Misuse of funds when county and national governments fund duplicate projects	Multinational/sector engagement and consultation
	Inadequate staff	Retirement of aging staff without replacement	Lack of expertise	Employ technical staff with requisite knowledge
	Stalled projects	Political interference	Management issues	Capacity building stakeholders
	Administration and operations support system/structures	Lack of sufficient administration material (computers, printers, modern survey equipment e.g., tarrameters, total station, RTK machines, modern GPS (Handheld Garmin Gps), drilling machines, Leica Dumpy Level among others.	Funds allocated are insufficient	<ul style="list-style-type: none"> <li>- Development partners are likely to get interest in the development agenda</li> <li>- Improved access to quality water</li> <li>- Improved capacity for employees to deliver quality services.</li> </ul>

### 2.9.8 Gender and Youth

Table 2.11 Gender and Youth

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Gender	Non-responsive special programmes	<ul style="list-style-type: none"> <li>i. To many needy cases</li> <li>ii. Insufficient financial resources</li> </ul>	Erratic/ unpredictable weather patterns	County food security, campaign against HIV/AIDs, Disaster Risk



				Reduction
Youth	HIV/AIDs	i. Proper awareness/sensitization on HIV/AIDs	High rate of unemployment among youth	Accessibility to VCT services

### 2.9.9 Sports, Culture and Social Services

**Table 2.12 Sports, Culture and Social Services**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Sports, Culture and Social Services	Lack of documented cultural heritage	-No policies developed	-Low budget allocation	-Trained personnel -Variety of cultural heritage like 'salts lick'
	Poor county sporting structures	-Unmaintained county stadium	-Low budget allocation	-Spacious county sporting grounds -Coordinated county sport clubs
	Drugs, alcohol and other substance abuse	-lack of sensitization to communities -High rate of consumption -Increased outlets -County alcoholic drinks control 2014 Act have never been reviewed	-Low budget allocation -No inspection vehicle for transport services -Large number of drug addict	-Available man power -CBOs and FBOs can be used for public sensitization.

### 2.9.10 County Executive

**Table 2.13 County Executive**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
Executive	<ul style="list-style-type: none"> <li>✓ Lack of adequate ICT and networking equipment.</li> <li>✓ Lack of training opportunities for skills upgrade.</li> <li>✓ Limited facilitation in terms of movement especially in ICT, Communications and Delivery Unit Departments.</li> </ul>	Limited budget allocation	Lack of adequate funding	<ul style="list-style-type: none"> <li>✓ Partnership with other players in the industries .e.g. ICT players.</li> <li>✓ Regular trainings through grants funded programmes such as KDSP.</li> <li>✓ Establishment of resource centers.</li> <li>✓ Benchmarking with similar departments in other organizations.</li> </ul>

2.9.11 Finance and economic planning

**Table 2.14 Finance and economic planning**

Department	Development Issue	Cause(s)	Constraint(s)	Opportunities
<b>Finance and Economic Planning</b>	<ul style="list-style-type: none"> <li>✓ Lack of adequate ICT and networking equipment.</li> <li>✓ Lack of training opportunities for skills upgrade.</li> </ul>	Lack of adequate funding	Limited budget allocation	<ul style="list-style-type: none"> <li>✓ Partnership with other players in the industries .e.g. ICT players.</li> <li>✓ Regular trainings through grants funded programmes such as KDSP.</li> <li>✓ Establishment of resource centers.</li> </ul>

### 3 CHAPTER THREE: SPATIAL DEVELOPMENT FRAMEWORK

#### 3.1 Spatial Development Framework

The CIDP 2023-2027 will work within the County spatial framework within which development projects and programmes will be anchored to and are aligned to National Spatial Plan 2015–2045. The National Spatial Plan, which covers a long- term period of thirty years (30) from 2015-2045, addresses land use, socio-economic and environmental issues to achieve balanced and sustainable spatial development and optimal land use across the country. The Plan provides comprehensive strategies and policy guidelines to deal with issues of rural and urban development, modernizing agriculture, infrastructure, energy production, mining and industry, and sustainable human settlements. It will provide a spatial framework for anchoring Vision 2030 flagship projects. The Plan is also a coordinating framework for various sectors involved in spatial planning and implementation.

On the other hand, the County spatial plan is a ten-year GIS plan 2021-2031 which elaborates the overall growth strategy and the broad land use patterns for efficient land use practices. It basically provides the land utilization strategies.

Kirinyaga has a total area of approximately 1482 Km<sup>2</sup> which is categorized into two as urban land use & non-urban land use. The table 1 shows the proposed land use budget. Kirinyaga County non-urban land use is 85% and urban land use is 15% of the Total area.

**Table 3.1 Land Uses**

Category	Land uses	Area (Ha)	Percentage
Non-urban land use	Agriculture	88,682	60
	Conservation	29,554	20
	Eco tourism	6,678	5
Urban land use	Urban areas	13,439	9
	Public purposes	8789	6
	<b>Total</b>	<b>148,200</b>	<b>100</b>

The county is further categorized into eight broad zones based on the economic activities and the opportunities to untapped potential. Table 2 shows these zones and their percentages ,they include;

Conservation 20%,mixed agriculture 17%,agriculture for rice 15%,agriculture for coffee 12%,agriculture for ranching 9%,agriculture for tea 7%, urbanized area 9%,public purpose 6% and Eco-tourism 5%.

**Table 3.2 Proposed Land Uses**

<b>Proposed land use</b>	<b>Area in Ha</b>	<b>%</b>
Conservation(Park, Forest, Rivers)	29,554	20
Mixed agriculture	25,197	17
Agriculture(Rice)	22,734	15
Agriculture(Coffee)	17,355	12
Agriculture(Ranching)	13,191	9
Agriculture(Tea)	10,205	7
Urbanized areas	13,439	9
Public purposes	8,789	6
Eco Tourism	6,678	5
<b>Total</b>	<b>148,200</b>	<b>100</b>

The CIDP 2023-2027 is aligned to the National & county spatial plan by anchoring it to various thematic areas that addresses the development issues identified through various consultative meetings with various county departments. There are thematic areas which categorized into and an overview of the current status is analyzed. Further, the policy strategy is proposed which aims at realizing the areas identified. For each thematic area to be realized and considering the zones given above, the potential geographical area is proposed as well as the department/lead agencies to implement the strategies.

These areas are identified with the aim of improving the standards of living of the constituents, improve competitiveness of the county with other counties ensure sustainable development & socio-economic development & aiming at diversifying the county economy. The areas also focus at identifying the environment and natural resources, determining the various challenges and formulate appropriate strategies to manage the opportunities from the untapped resources.

The areas are presented in the table below

**Table 3.3 County Spatial Development Strategies by Thematic Areas**

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
Industrialization	County is home to several-Agro processing industries which are spread across major urban areas.	Establish the industrial zones with Supporting infrastructures( water ,electricity & road network	Sagana industrial park	Physical Planning, Water, Energy....
	The county supports sufficient access to water for processing and other operation in industries, farms, irrigation schemes among others across the county.	Cooperation between entities that manage the water resource, those that consume and the community.	-Across the county	- Water department -Kiriwasco -WARA - Business Community
Resource potential growth areas	Community water projects have constructed uncontrolled water intakes along rivers. Currently 63.7% of households use improved water sources with only 1.4% of them using rainwater collection.	-Promotion of roof water harvesting -Harness water through construction of Dams -Construction of water pans especially in Murinduko area -Enforcement of water regulation (chocking rivers) -Protection of riparian lands	Along major rivers, highlands and riparian lands.	Water, environment and natural resources.  Agriculture, veterinary, Livestock & Fisheries
	Irregular weather patterns have led to draught leading to many households needing food rations especially in the lower zones of the county.	-Promotion use of modern farming mostly irrigation methods -Expansion of existing storage facilities -Promotion growing of crops with minimal water requirements	Areas with arable soils for mixed farming (Ndia)	Agriculture, veterinary, Livestock & Fisheries  Water, environment and natural resources.
Modernizing				

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
Agriculture				
Promotion of Business oriented agriculture	Agro-processing is an untapped potential which can contribute to alleviating unemployment among the youth. The county has a good resource base for production of horticulture There is a good infrastructure, County strategically located A lot of interest from investors	-Establishment of agro-based industries e.g. fruit and food, -Promotion of value addition -Create appropriate supportive legal environment for investment -Encourage and support cottage industries	Ndia, Mwea, Central	Trade, Cooperatives, Industrialization, Agriculture, veterinary, Livestock & Fisheries
Enhance crop production and productivity	Key crops in the county includes Tea, Coffee, Rice and horticulture. Over 80% rely on crop production. Unfavorable prices, irregular weather patterns and low crop production lowering the earnings.	-Offer support to farmers in use of modernized agriculture mechanization. -Promotion use of green houses -Promoting use of high quality planting materials -Provision of extension services to farmers -Partnering with research centers for coffee and tea produce -Promoting use of organic fertilizers -Adoption modern irrigation systems -Adoption of modern storage facilities	Upper zones (tea and coffee growing areas), Lower zones (Mwea) rice growing zones	Agriculture Water and Irrigation
Enhance capacity for delivery of extension	Extension services are key to achieving targets Farmer staff ration is	-Create a conducive working environment for staff	Countywide	Agriculture. Directorate of IT Department of Planning Department of Public

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
services	above the FAO recommended and staff require technical skills, modern equipment and facilities to deliver	-Promote and support private sector involvement in extension -Promote use of IT in extension delivery -Hire more staff to reduce farmer staff ratio		Service
Enhance effective marketing systems and networks	The County holds annual agriculture trade fair which attracts investors in the county and Kenya.	-Ensure a robust marketing and branding strategy both local and international. -Encourage more and diversified trade fairs in the county. -Capacity building for cooperative societies	Whole County	Trade, Cooperatives, Industrialization, Agriculture, veterinary, Livestock & Fisheries
Enhanced coordination and cooperation	There are weak coordination mechanisms in the sector	-Strengthen CASCOCOM -Implement existing county and national sector wide mechanisms like KASEP, Food Safety policy -Support coordination entities with resources	County wide	Agriculture, Environment, Lands, National Competent Authorities and regulators
Enhancing food and nutrition security	Climate change has impacted production, food safety issues keep arising in production, food utilization is poor, diversification of food sources is critical for a healthy population There is no centralized database	-Promotion use of climate smart agriculture -Enhance post-harvest management of produce -Promotion of farm based diversification -Promotion of	County wide	Agriculture, veterinary, Livestock & Fisheries  Water, environment and natural resources. Health

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
	on food business operators	better food management methodologies -Enact food safety legislation with adequate sensitization of Food Business operators		
Fisheries-fish production and productivity	-The county has a diverse aquaculture potential i.e. Trout in upper zone of Kirinyaga central, Kirinyaga east and Kirinyaga west, Tilapia, catfish and ornamental fishes in all sub counties.	-Establishment of industries for value addition -Provision of subsidies and incentives to the farmers	All sub counties	<ul style="list-style-type: none"> <li>• Water</li> <li>• Trade and industrialization</li> <li>• Fisheries</li> </ul>
Fisheries -Food and Nutrition Security	Increased drought frequencies especially in the northern zones of the county Low consumption of fish and fish products  Low production due to high cost of inputs, inadequate training and poor facilities	-Commercialization of aquaculture -Development of a county food policy and institutional framework -Creation of awareness and training for both staff and farmers -Strengthening agro-based cooperatives and other Aquaculture institutions -Capacity building of farmers -Training of feed formulation and substitution of fishmeal with locally available -Encourage and support Climate Smart Aquaculture	All sub counties	<ul style="list-style-type: none"> <li>• Agriculture, KeFS, state department of fisheries, aquaculture and blue economy</li> <li>• National aquaculture research development and training centre-Sagana, KMFRI, Kenya forest service</li> </ul>



Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
		- Support initiatives for large scale rain and flood water harvesting - Support to soil and water conservation initiatives		
Fisheries – Wealth and employment creation	Aquaculture provides employment to of rural households.  Almost of the wealth is derived from aquaculture  -The richly resourced county has a lot of unexploited resources, the youth are unemployed and poverty levels are high.	-Promote Agribusiness and fish value chains -Full employment of county resources to the grassroots level	All sub counties	Fisheries , trade and cooperatives
Transportation network	Transport- roads classification and minimum width identified	Tarmac the roads under class A,B,C,D and link roads, All municipalities, towns, and market centres	Commercial streets, industrial areas(Sagana),public facilities & Municipalities, towns and market centres	Transport, Trade & cooperatives, Kerugoya/Kutus Municipal & Wanguru Municipal
	County is neighboring tom other potential counties-Identify County corridors	Recognize & promote corridors	Kenol-Nanyuki railway Makutano-Embu Sagana-Kutus Kutus-Karatina	Transport & public works Land & urban Planning
Provide appropriate infrastructure	Kianyaga and Kerugoya stadia are not at national standard level	-Establish talent academy within the stadium, terraces, flood lights and water system	Kerugoya and Kianyaga stadia	-Sports -Water -Public works
	The county has developed many water supplies	Develop appropriate policy	Water Spread across the whole county	Environment and Natural resources, Physical planning, water resources

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
	including boreholes and irrigation water systems which are spread across the whole county			authority, Kenya forest service, Agriculture
	The county is engaged in projects that have direct impact on the environment, such as; -the ongoing construction of Kerugoya-Kutus municipality sewer line -Upgraded cabro parking and drainage systems -refuse disposal sites	Providing an efficient and effective sewerage system for proper handling and treatment of liquid waste Installation of proper maintenance mechanisms for the sewerage and drainage systems Ensure that there an effective solid wasted handling system	Across the county	Environment, Water and Natural Resources, Finance and Economic Planning Lands, Housing and Urban Development Roads Transport and Infrastructure,
Diversifying Tourism	County has several tourist attraction sites which are underutilized like; Mt. Kenya forest and Mt. Kenya National Park, 'daraja ya Mungu' Sagana white water which acts as a major tourist attraction site	Diversifying and enhance quality of tourist attraction	Gichugu sub-county	-Department of Cooperatives, Tourism, Trade, Marketing Industrialization and Enterprise Development -KIDA
	There are several cultural sites across the county which are unutilized	-Develop policies for sites regulation -Establish cultural sites zones with -Supporting infrastructure (security and road network) -Promote water sporting activities.	Riagitugu Ndarasha ya Ngai Koroma Mau Mau Caves etc	-Culture directorate -Tourism directorate
Human settlement	The county has a potential of being a home to 3 large	Preparation of and approval of spatial plans and zoning	Municipalities, towns and villages	-Land Physical Planning and Housing -Municipal Administrations.

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
	municipalities. It has over medium towns that is home to majority of population There are a well-organized village for rural livelihoods.	plans to ensure orderly human settlements. These are county spatial plans, Municipality Plans, Towns Plans, Village/ Markets advisory plans and action area plans		
		Preparation of county land use policy in line with national land use policy	County wide	-Land Physical Planning and Housing
		Preparation of municipal/Town development control framework	Towns and Municipalities	-Land Physical Planning and Housing -Municipal Administrations.
Conserving the Natural Environment	The county has numerous wetlands, rivers, and beautiful sceneries. The county also shares the larger Mt. Kenya Forest with indigenous trees	Development of county natural resource and biodiversity conservation act.	County wide	-Environment and Natural Resource -Land, physical planning, and Housing
		Mapping and gazette of riparian reserves, forest lands and conservation sites.	County wide	-Land, physical planning, and Housing -Environment and Natural Resources
	The county is endowed with an expansive pool of natural resources such as rivers, quarries, wetlands, forests among others	Engagement of all stakeholders to uphold the necessary conservation measures such as reforestation, protection of riparian reserves and wetlands. Operationalization of an effective enforcement and	Across the county	Environment, Water and Natural Resources, Agriculture Lands, Housing and Urban Development Roads Transport and Infrastructure, Directorate of Enforcement Kenya Forest Service NEMA

Thematic Area	Overview/Current Status	Policy Strategy	Potential Geographical Areas	Lead Agencies/ Departments
		compliance unit		
	-Waste Liquor bottles are disposed everywhere yet are Hazardous to both human and environment -Asbestos at Kianyaga Children Home	-Establish the disposal mechanism together with the bar owners -Formulate policy on disposal of liquor bottles. -Follow Nema Guidelines	All wards	-Directorate of liquor -Environment

## **4 CHAPTER 4: DEVELOPMENT PRIORITIES, STRATEGIES AND PROGRAMMES**

### **Introduction**

This Chapter outlines development priorities, strategies, programmes, flagship projects priority development projects and programmes identified through stakeholder forums. Projects and programmes identified will seek to steer the county to economic prosperity. This section also discusses cross-Departmental linkages.

### **4.1 Development Priorities and Strategies**

#### **4.1.1 Health Services**

##### **Department Introduction**

The County Department of Health in Kirinyaga focuses on attaining the goal of “Health for all”, through strengthening the health system across all levels of health care delivery to ensure that essential health services are provided along human life cycles. This approach embraces promotive, preventive, curative and rehabilitative care to all.

##### **Department composition**

In Kirinyaga County, health service delivery is offered from level 1 to level 4; Public Health facilities include 4 Hospitals and 60 Health Centres and dispensaries. Faith Based institutions include 2 hospitals and 20 health centres and dispensaries. Private health facilities include; 2 hospitals and 158 nursing homes and clinics.

Health management is exercised through the County Health Management Team (CHMT) with decentralized management functions at the Sub-County and Health Facility level.

The functions of the county department of health are exercised through 3 major programmes; Curative and rehabilitative services, Preventive and promotive services and finally administration, planning, support, management and coordination of health services.

##### **a) Curative and rehabilitative services**

This department consists of all the hospitals and all primary health facilities (medical clinics, dispensaries and health centres). This department is mandated with role of disease diagnosis, management and treatment of patients and eventually prevents disability and mortality.

**b) Preventive and Promotive services**

This department consist all programs areas tasked with prevention and promotion of health services; immunization program, malaria program, non-communicable diseases, HIV and TB program among others.

**c) Administration, planning, management and coordination of health services**

There are support department working under this department which include; Human resource for health, administration, procurement and finance, health information system/monitoring and evaluation, research development among others. This department offer supportive role for other 2 departments and also management and coordination of health services.

**Vision:**

A healthy and productive population

**Mission:**

To establish progressive responsive and sustainable technologically driven evidence based and client centered health system able to deliver an accelerated achievement of high standards of health for the people of the County.

**Department Goal(s):**

The Health sector, in reference to the three economic pillars, falls under the Social Pillar. It is envisaged to contribute to the realization of the Kenya's Vision 2030. In addition, the objectives of the department/ sector are in line with the Sustainable Development Goal 3 (Good Health and Well-Being). The department, up to date, still strives to achieve the specific objectives of the SDG Goal 3 achievable by 2030 including:

- a) Reducing the global maternal mortality ratio to less than 70 per 100, 000 births
- b) Prevent deaths of perinatal, neonatal and children under 5 years of age
- c) End the epidemics of AIDS, tuberculosis, malaria, neglected tropical diseases and other communicable diseases.

- d) Reduce the high burden of non-communicable disease and fatalities for the affected persons
- e) Reduce morbidity and mortality of conditions related to environmental health and sanitation
- f) Strengthen the prevention and treatment of substance use including narcotic drug abuse and harmful use of alcohol
- g) Ensure access to sexual and reproductive health-care services including family planning, information and education, as well as, integration of reproductive health into national strategies and programmes
- h) Strengthen access to essential health services at all levels of care.
- i) Support research and development of vaccines and medicines for communicable and non-communicable diseases which affect the county as one of the counties in the developing country, Kenya.
- j) Enhance the recruitment, development, training and the retention of health work force in the county.
- k) Strengthen community health interventions by creating more units and empowering community health volunteers.
- l) Ensure financial sustainability of health services and Protection of all from the financial risks of ill health.

**Department Priorities and Strategies:**

**Table 4.1 Department Priorities and Strategies- Health Services**

Department Priorities	Strategies
Improve Curative and Rehabilitative Services	<ul style="list-style-type: none"> <li><i>i.</i> To increase proportion of health facilities in the County with comprehensive health services as defined by Kenya Essential package for Health.</li> <li><i>ii.</i> To ensure 100% availability of Tracer Essential medicines and medical supplies in all county Health Facilities.</li> <li><i>iii.</i> Complete and Operationalize stalled and ongoing projects in the department.</li> <li><i>iv.</i> Continuously improve the range and quality of services at Primary</li> </ul>

Department Priorities	Strategies
	<p>Health Care (PHC) facilities as a way of decongesting the public hospital and bringing services closer to the people</p> <ul style="list-style-type: none"> <li>v. Implement Kenya Quality Model for Health across all levels of healthcare in the county.</li> <li>vi. To capacity build health care workers to enable them effectively offer essential medical services.</li> <li>vii. Equip all health facilities with essential equipment to enable effective delivery of health services.</li> </ul>
Improve Preventive and Promotive Services	<ul style="list-style-type: none"> <li>i. Prioritize PHC as an agenda for achievement of Universal Health Coverage</li> <li>ii. Provision of maternal, neonatal and child health services</li> <li>iii. Prioritization of Malaria Elimination</li> <li>iv. Strengthen disease surveillance and disaster preparedness</li> <li>v. Reduce incidences of HIV and provision of biomedical care for the persons living with HIV &amp; AIDS</li> <li>vi. Reduce TB incidences and provision of quality TB services</li> <li>vii. Halt, and reverse increasing burden of Non-communicable conditions in the county</li> <li>viii. Improve environmental, sanitation and hygiene services</li> <li>ix. Strengthen health promotion and advocacy</li> <li>x. Reduce the burden of Violence &amp; Injuries</li> <li>xi. Minimize exposure to health Risk factors</li> <li>xii. Strengthen collaboration with Health-Related Sectors</li> <li>xiii. Strengthen Public-Private Partnerships in healthcare delivery.</li> <li>xiv. Strengthen community health interventions by creating more units and empowering community health volunteers.</li> </ul>
Strengthen administration, support, management and coordination of health services	<ul style="list-style-type: none"> <li>i. Strengthen leadership and governance of health services</li> <li>ii. Strengthen the support supervision and management systems of the health services</li> <li>iii. Decentralize financial management of health funds to primary</li> </ul>



Department Priorities	Strategies
	<p>health care facilities and public hospitals &amp; Improve stability in the flow of health funds during any given financial year.</p> <ul style="list-style-type: none"> <li>iv. Plan for transition of donor funded health activities to county funding.</li> <li>v. Strengthen the health management information services and decentralize them to the lowest possible level.</li> <li>vi. Allocate adequate resources for research and development including operational research.</li> <li>vii. Recruit and rationalize staff as per the KEPH norms and standards</li> <li>viii. Improve working environment for HRH, timely promotions and capacity building.</li> <li>ix. Establish a reward and recognition system for HRH.</li> </ul>

## Department Programmes and Flagship Projects

**Table 4.2 Department Programmes - Health Services**

Programme Name: Preventive and Promotive Services														
Objective: To reduce incidence of Preventable diseases and ill health.														
Outcome: Reduced burden of preventable diseases.														
Sub Programme	Key Output	Key Performance Indicators	Linkage to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Environmental Health, Water and Sanitation	Disposal of fecal matter and liquid waste in health facilities improved.	-KCRH drainage system connected to main sewer -Sanitary blocks for Kimbimbi, Kianyaga Sagana, KCRH morgue constructed.	SDG 6	KCRH drainage connection	1.5	Kianyaga sanitary block	1.5	Kimbimbi sanitary block	1.5	Sagana sanitary block	1.5	KCRH morgue sanitary block	2	8
	Procure hospital waste truck	Procured hospital waste truck	SDG 6			One truck	8							8
	Construction a modern incinerator at Kimbimbi SCH	Number of modern incinerators constructed	SDG 3			1	20							20
	Equipped Modern Incinerator at Sagana SCH	Number of Modern incinerators equipped	SDG 3					1	20					20
	Construction a modern incinerator at Kianyaga SCH	Number of modern incinerators constructed	SDG 3							1	20			20
	Overhauled sewer system at Kimbimbi	Number of sewer systems overhauled	SDG 3 & 6	1	5									

Programme Name: Preventive and Promotive Services														
Objective: To reduce incidence of Preventable diseases and ill health.														
Outcome: Reduced burden of preventable diseases.														
Sub Programme	Key Output	Key Performance Indicators	Linkage to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	SCH													
	Connection of Kerugoya County Referral Hospital sewerage to the main sewer	Hospital sewer system Connected to main sewer	SDG 6	1	5									5
	Disposed Asbestos	Quantity of Asbestos disposed	SDG 3 & 6			100%	0.5							0.5
	Establishment of County Real Time Sanitation Monitoring Hub	Number of Sanitation Hubs Established	SDG 6	1	10									10
	Infection prevention among patients and health care workers	% of Facilities with adequate IPC system in place	SDG 6	100%	0.5	100%	0.5	100%	0.5	100%	0.5	100%	0.5	2.5

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										Total budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
Disease prevention and Control	open defecation at household level eradicated	No. of villages declared open defecation free	SDG 3 & 6	160 villages	4	160 villages	4	160 villages	4	160 villages	4	160 villages	4	20
	Reduce worm burden among school children	No of school children dewormed	SDG 3.8	80000	20	80000	20	80000	20	80000	20	80000	20	100
	Improved food and water quality control	No of water and food samples analyzed	SDG 3.8	100	0.1	100	0.1	100	0.1	100	0.1	100	0.1	0.5
Integrated Disease Surveillance and Response (IDSR)	Eradication of AFP	% of suspected AFP cases investigated	SDG 3.8	100%	2	100%	2	100%	2	100%	2	100%	2	10
	Elimination of immunizable conditions (Measles, NNT)	% of suspected immunizable diseases investigated	SDG 3.8	100%	3	100%	3	100%	3	100%	3	100%	3	15
	Knowledgeable HCWs on IDSR	% of HCWs trained on IDSR	SDG 3.8	30%	1	40%	1.4	60%	1.8	80%	2	95%	2	8.2
	Establishment of international travel vaccination centre	Number of vaccination centre established	SDG 3.8	-	-	-	-	1	3	-	-	-	-	3
Health Promotion & School Health	Reduced teenage pregnancies, drug abuse and STIs	No. of schools and school communities with active adolescent	SDG 3.8	300	0.5	400	0.75	500	1	600	1.25	600	1.5	4.75

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										
				Year 1		Year 2		Year 3		Year 4		Year 5		Total budget
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
		health activities <sup>1</sup>												
	Increase awareness on disease prevention & control	No of sessions held	SDG 3.8	300	0.1	300	0.1	300	0.1	300	0.1	300	0.1	0.5
Reproductive maternal ,newborn ,child and adolescent health	Increased skill and knowledge for health care workers in reproductive health	Number of health care workers trained	SGD 3	200	10	250	15.5	285	18.3	285	18.9	295	20	72.7
	Repairs, renovation and expansion of maternity and MCH/FP clinic blocks/units	number of maternity and MCH/FP blocks renovated, repaired and expanded	SDG 3	5	15	5	15.8	5	16.5	5	20.2	5	23.7	91.2
	Targeted Community reproductive health services	Number of community units conducting targeted reproductive health services		20	14.5	40	23.7	65	39.3	85	44.7	95	54.9	177.1
Universal health coverage	Financial Risk Protection	Proportion of Households enrolled to	SDG 3.8	35%	40	50%	60	75%	60	90%	75	100%	75	310

<sup>1</sup> Focal (trained) teacher/counsellor, Active Health Clubs, Regular education sessions. School stakeholder meetings /School health agenda in community meetings.

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										
				Year 1		Year 2		Year 3		Year 4		Year 5		Total budget
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
		Health insurance (NHIF)												
	Quality and affordable health services at PHC level	Proportion of level 4 facilities with mapped primary care networks (PCNs)	SDG 3.8	50%	3	100%	2	100%	2	100%	2	100%	2	11
	Well-resourced primary healthcare services	Primary Health care expenditure as a % of total county health expenditure	SDG 3.8	25%	5	30%	5	35%	5	40%	5	50%	5	25
Community Health services	Individuals and communities empowered to improve their own health	Number of Community health volunteers trained	SDG 3.8	105	0.5	630	3.126	630	3.126	630	3.126	630	3.126	<b>13.025</b>
	Motivated Community health volunteers through monthly stipend payments	Number of Community Health Volunteers paid 2500kshs monthly stipend	SDG 3.8	300	0.75	600	1.5	900	2.25	1200	3	1354	3.354	<b>9.504</b>
	Improved quality community health units	Number of Community health units	SDG 3.8	24	12	24	12	24	12	24	12	24	12	60

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										Total budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
	health data .(Digitization of Community health information system)	digitized each with (10 Community health volunteers)												
	Improve public visibility of CHVs through procurement of (bags/badges jackets, glucometer, jacket with logo, digital thermometer, blood pressure, machine)	Number of community health volunteers equipped	SDG 3.8	50	0.769	100	1.538	100	1.538	400	6.152	600	9.228	19.225
	Update and empower public health officers/health care workers on community health information	Number of health care workers/ public health officers updated	SDG 3.8	85	0.45	210	0.63	210	0.63	210	0.63	210	0.63	2.970
Immunization Services	Procurement of cold chain equipment's - Fridge - Gas - cylinders	Number of equipment's procured	SDG 3.8	10	4	10	4	10	4	10	4	10	4	20
	Maintenance of	Number of	SDG 3.8	15	1	10	.5	5	.5	5	.5	10	1	3.5

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										
				Year 1		Year 2		Year 3		Year 4		Year 5		Total budget
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
	cold chain equipment's	equipment's repaired												
	Capacity building of staff -training managers on supervision -training staff on cold chain management	Number of health care workers trained	SDG 3.8	100	.5	100	.5	100	.5	100	.5	100	.5	2.5
	Conducting immunization outreaches	Number of outreaches conducted	SDG 3.8	800	4	800	4	800	4	800	4	800	4	20
Non-Communicable Conditions	Population sensitized on NCDs	Number of people reached with awareness messages	3.4	60,000	2	60,000	2	60,000	2	60,000	2	60,000	2	<b>10</b>
	Known status of NCDs in the community	Number of people screened	3.4	60,000	2.5	60,000	2.5	60,000	2.5	60,000	2.0	60,000	2.0	<b>11</b>
	Reduce morbidity and premature mortality associated with NCDs	Number of people started on treatment and follow up	3.4	10,000	2.6	10,000	2.6	10,000	2.6	10,000	2.6	10,000	2.6	<b>13</b>
	Bring together key departments to discuss NCDs prevention	Number of meetings held and resolutions/strategies arrived at and	SDG 3.4	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	<b>2.5</b>



<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										
				Year 1		Year 2		Year 3		Year 4		Year 5		Total budget
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
		implemented												
	County agenda on reversal on increasing burden of NCDs high	No. of national health days on priority health conditions observed in the County	SDG 3.8	6	0.75	8	1	10	1.25	12	1.5	12	1.5	6
	A workforce that is competent to manage NCDs	Number of health workers trained on comprehensive management of NCDs	SDG 3.4	200	3	200	3	200	3	200	3	200	3	<b>15</b>
	Comprehensive Oncology diagnostic and treatment services provided	Number of comprehensive oncology diagnostic and treatment centres	SDG 3.4	1	6	-	-	1	6	-	-	1	6	<b>18</b>
		Number of palliative care centres established	SDG 3.4	1	1.2	-	-	1	1.2	-	-	1	1.2	<b>3.6</b>
	Mental Health Services provided	Proportion of patients diagnosed with a mental health disorder receiving care and treatment	SDG 3.4	35%		45%		50%		70%		95%		
HIV/AIDS	Adapt and scale up comprehensive	Proportion of health facilities with HTS	SDG 3.3	60%	5	75%	6.5	90%	7	100%	8	100%	8.5	35

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										
				Year 1		Year 2		Year 3		Year 4		Year 5		Total budget
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
	and high impact HIV prevention interventions	integrated services Proportion of HIV positive clients linked to care within 3 months	SDG 3.3	80%		85%		90%		90%		99%		
	Scale up HIV treatment services in all health facilities	Proportion of facilities offering comprehensive HIV treatment services	SDG 3.3	60%	15	75%	16.5	90%	17	100%	18	100%	18.5	<b>85</b>
	Increased Domestic Financing to Sustain the HIV Response Mechanisms	Proportion (%) of County Health budget allocated for HIV interventions	SDG 3.3	1%	30	2%	60	4%	120	5%	150	7%	210	<b>570</b>
		% of Donor Funded HIV/TB services transitioned to county services	SDG 3.3	10%	12	30%	36	50%	60	75%	90	100%	120	<b>312</b>
	Well-Coordinated HIV services	No of HIV committees forums held	SDG 3.3	4	1.2	4	1.2	4	1.2	4	1.2	4	1.2	<b>6</b>
Tuberculosis	Reduced TB Transmission	Proportion of TB patients completing	SDG 3.3	50%	3	75%	4.5	100%	5	100%	5	100%	5	<b>22.5</b>

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkages to SDG Targets*	Planned targets										Total budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
		treatment												
		Proportion of TB Treatment interrupters traced	SDG 3.3	75%	0.5	85%	0.6	95%	0.6	100%	0.7	100%	0.7	<b>3.1</b>
Malaria	All pregnant women and children under 1 provided with Long Lasting Insecticide Treated Nets (LLITNs)	Proportion of pregnant women and children under 1 provided with LLITNs	SDG 3.3	100%	4	100%	4	100%	4	100%	4	100%	4	<b>20</b>
	Mass LLITN distributed to Households (HH) in Mwea Constituency	Proportion of HH in Mwea provided with LLITNs	SDG 3.3	100%	-	100%	12	100%	-	100%	-	100%	14	<b>26</b>
	Regular surveillance of Malaria endemicity	Proportion of patients with suspected malaria for whom a diagnostic test result was recorded	SDG 3.3	100%	0.4	100%	0.4	100%	0.4	100%	0.4	100%	0.4	<b>2</b>

<b>Programme Name:</b> Preventive and Promotive Services														
<b>Objective:</b> To reduce incidence of Preventable diseases and ill health.														
<b>Outcome:</b> Reduced burden of preventable diseases.														
Sub-programme	Key Outcome	Key Performance Indicators	Linkage s to SDG Targets*	Planned targets										Total budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	Target	Cost (Ksh millions)	
	Knowledgeable HCWs on malaria diagnosis and management	Proportion of HCWs sensitized on malaria diagnosis and management	SDG 3.3, 3.8	30%	0.6	50%	0.8	75%	1	80%	1.2	95%	1.3	<b>4.9</b>
Neglected Tropical Diseases (NTDs)	Sensitized community on prevailing and increasing NTDs	Number of NTD sensitization forums conducted	SDG 3.8	12	0.2	12	0.2	12	0.2	12	0.2	12	0.2	<b>1</b>

<b>Programme Name:</b> Curative and Rehabilitative Services														
<b>Objective:</b> To Provide high quality curative care services.														
<b>Outcome:</b> Reduced mortality and disability due to ill health.														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Theater services	Equipped theater unit in the new maternity block at Kimbimbi sch	Number of theatre units equipped	SDG 3.8				20							<b>20</b>
	Equipped theater unit in the new hospital complex at Kimbimbi sch	Number of theatre units equipped	SDG 3.8								20			<b>20</b>
	Equipped theater unit in the new hospital complex at Kianyaga sch	Number of theatre units equipped	SDG 3.8				20							<b>20</b>
	Equipped theater unit in the new hospital complex at kimbimbi sch	Number of theatre units equipped	SDG 3.8						20					<b>20</b>

Programme Name: Curative and Rehabilitative Services														
Objective: To Provide high quality curative care services.														
Outcome: Reduced mortality and disability due to ill health.														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Psychiatric services	Construction of a modern psychiatric unit	Number of psychiatric units constructed	SDG 3.8			1	5		15		5			25
Renal services	Renovated male ward to accommodate renal unit at kimbimbi sch		SDG 3.8			8								8
	Equipped renal unit with 8 dialysis machines	Number of dialysis machines equipped	SDG 3.8		25									25
Specialist clinics	Renovated OPD block to accommodate specialist clinics at kimbimbi sch	Number of opd units renovated	SD3		5									5m
Inpatient	Constructed male ward at Kianyaga sch	Number of male wards constructed	SD3				10							10
	Constructed male ward at Sagana SCH	Number of male wards constructed	SD3				10							10
	Equipped new hospital complex at Kianyagai SCH	Number of new hospital complex equipped	SD3				300							300
Accident and emergency services	Equipped new hospital complex at Kimbimbi sch	Number of new hospital complex equipped	SD3				300							300
	Equipped trauma centre at Sagana sch		SD3											
Physiotherapy services Occupational services	Renovated harambee ward into physiotherapy and occupational therapy at Kimbimbi SDH	Number of wards renovated	SD3				3							3
	Renovated female medical ward into	Number of wards	SD3				2							2

Programme Name: Curative and Rehabilitative Services														
Objective: To Provide high quality curative care services.														
Outcome: Reduced mortality and disability due to ill health.														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	occupational therapy unit at CRH	renovated												
Maternity services	Equipped rehabilitative services at 4 hospitals (physiotherapy, occupational therapy, orthopedic plaster and trauma services)	Number of rehabilitative units equipped	SD3		12									12
	Renovated maternity unit at kianyaga sch	Number of maternity units renovated	SD3	5										5
	Renovated walk ways linking various sdps at Kimbimbi SDH	Number of walk ways renovated	SD3		4.5									4.5
Referral	Procured 12 ambulances	Number of ambulances procured	SD3	4	12	4	12	4	12	4	12			48
Blood safety	Renovated satellite blood bank	Number of satellite blood bank renovated	SD3				1.5							1.5
Kitchen and laundry services	Constructed kitchen and laundry unit at Kimbimbi sch	Number of kitchen and laundry units constructed	SDG 3.8					25						129.8
TB Services	Renovation of TB Clinics & waiting bay in Sagana, Thiba, Baricho and Gathigiriri	Number of facilities with renovated clinics	SDG 3.8	1	1.5	1	1.5	1	1.5	1	1.5			6
	Procured 1 Trunat cartridge's	Number of truant cartridge procured	SDG 3.8	1000	1.2	1500	1.8	2000	2.4	2000	2.4	2000	2.4	10.2
	Procured 5 portable digital X -Ray viewer boxes	Number of digital X Ray viewer boxes procured	SDG 3.8	3	2	3	2	3	2	3	2	3	2	10
	Procured 10 biosafety cabinets	Number of biosafety	SDG 3	2	15	2	1.5	2	1	2	1.5	2	1.5	7.5

Programme Name: Curative and Rehabilitative Services														
Objective: To Provide high quality curative care services.														
Outcome: Reduced mortality and disability due to ill health.														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
		procured												
	Procured 25 Anthropometric tools	Number of Anthropometric tools procured	SDG 3	5	0.25	5	0.25	5	0.25	5	0.25	5	0.25	1.25
	Procured food ration for 30 health facilities	Number of health facilities with assorted food ratio procured	SDG3	30	35	30	35	34	37	36	39	39		40
Health Products and technology	Procured non-pharmaceuticals for 80 health facilities	Number of health facilities with assorted non-pharmaceutical procured	SDG3	68	200	73	225	76	250	79	275	80	300	1250
	Procured pharmaceuticals for 80 health facilities	Number of health facilities with assorted pharmaceutical procured	SDG3	68	250	73	275	76	300	79	325	80	350	15
	Procured laboratory reagents and small lab equipment for 80 health facilities	Number of health facilities with assorted laboratory reagents and small lab equipment procured	SDG3	68	80	73	82	76	84	79	86	80	88	420
	Procured food ration for 30 health facilities	Number of health facilities with assorted laboratory reagents and small lab equipment procured	SDG3	30	35	30	35	34	37	36	39	39	40	186
	Procured assorted linen for 30 health facilities	Number of health facilities with assorted laboratory reagents and small lab equipment procured	SDG3	30	10	30	10	34	12	36	12	39	12	56
	Procured Fungicides, Insecticides & Spray	Number of health facilities with Fungicides and sprays	SDG3	71	0.3	73	0.5	76	0.7	78	0.9	80	1	3.4
	Procured Chemicals & Industrial gases	Number of health facilities with Chemicals and industrial gases	SDG3	71	10	73	12	76	15	78	17	80	19	73

<b>Programme Name: Curative and Rehabilitative Services</b>															
<b>Objective:</b> To Provide high quality curative care services.															
<b>Outcome:</b> Reduced mortality and disability due to ill health.															
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)											Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
	Procured patients uniform and clothing	Number of health facilities with patient uniform.	SDG3	30	2.3	30	2.3	34	2.7	36	3	39	3.3	13.6	
	Procured vaccines and Sera	Number of health facilities with Vaccines and Sera	SDG3	71	10	73	11.5	76	12	78	13.5	80	14	61	
	Procured Xray Films and other filming material	Number of health facilities with X ray films	SDG3	4	8	5	10	5	10	5	10	6	12	50	

<b>Programme Name: General Administration</b>															
<b>Objective:</b> To provide effective and efficient Administration, Planning, Management Support and Coordination of health interventions across the county															
<b>Outcome:</b> Well managed Health services in the county															
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)											Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
Hospital Management Information Systems	Automated and integrated health information system in 68 health facilities	Number of health facilities automated	SDG 3.8	20	20	20	20	17	30	13	10	8	10	90	
	Annual Maintenance of Electronic Medical Records	Number of maintenance contracts signed	SDG 3.8	1	3	1	3	1	3	1	3	1	3	15	
Human Resources for	New staff recruited of all	Number of new	SDG3.8	50	7	50	7	50	7	50	7	50	7	35	



Programme Name: General Administration														
Objective: To provide effective and efficient Administration, Planning, Management Support and Coordination of health interventions across the county														
Outcome: Well managed Health services in the county														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Health	cadres	staff recruited												
	Transition of donor supported staff to County Public Service	Proportion of donor-supported HCWs transitioned to County Public Service	SDG 3.8	20%	10	50%	25	75%	70	100%	95	100%	95	295
	Promotion of HRH	% of Staff promoted who are due	SDG 3.8											
Management and Coordination of Health Services	Joint Inspection of all facilities	% of Health Facilities inspected annually	SDG 3.8	4	1.2	4	1.2	4	1.2	4	1.2	4	1.2	6
	Quarterly support supervision of Public Health Facilities	% of Public Health Facilities supervised quarterly	SDG 3.8	10	4	10	4	10	4	10	4	10	4	20
Health Sector Planning, Budgeting and Monitoring and Evaluation	Well planned and Budgeted work plan budgeted health services	No of planning and budgeting meetings held	SDG 3.8	4	1.2	4	1.2	4	1.2	4	1.2	4	1.2	6
	Enhanced Health planning & data	Quarterly Routine data	SDG 3.8	4	1.2	4	1.2	4	1.2	4	1.2	4	1.2	6

Programme Name: General Administration														
Objective: To provide effective and efficient Administration, Planning, Management Support and Coordination of health interventions across the county														
Outcome: Well managed Health services in the county														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	demand and use	Quality Audit												
	Create data demand and use at all levels of service delivery	No of capacity building session of data demand and use	SDG 3.8	4	1	4	1	4	1	4	1	4	1	5
Leadership and Governance	Enhanced inter-governmental relations	Number of inter-governmental forums conducted	SDG 3.8	2	0.5	2	0.5	2	0.5	2	0.5	2	0.5	2.5
	Enhanced collaboration and oversight from County Legislature	Number of Assembly committees-Health department forums held	SDG 3.8	4	1	4	1	4	1	4	1	4	1	5
	Enhanced Hospital governance	No of Hospital with functional Boards	SDG 3.8	4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	2.5
	Enhanced Primary Healthcare Facilities governance	No of Health Facilities with functional health committees	SDG 3.8	70	4	72	4	75	4	78	4	80	4	20
Research and development	Strengthen Health research	% of Health funds committed to	SDG 3.8	0.5%	3	0.5%	3	1%	6	1.5%	9	1.5%	9	30

Programme Name: General Administration														
Objective: To provide effective and efficient Administration, Planning, Management Support and Coordination of health interventions across the county														
Outcome: Well managed Health services in the county														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	capacity	Health research	SDG 3.8											
		Number of Health research by county HCWs		5	-	5	-	10	-	15	-	15	-	
Health Financing	Adequate health financing	Proportion of health expenditure as a % of total county health expenditure		40%	-	40%	-	45%	-	45%	-	45%	-	0
		% of user fees retained at health facility	SDG 3.8	50%	35	100%	20	100%	20	100%	20	100%	20	115
	Well-resourced primary healthcare services	Primary Health care expenditure as a % of total county health expenditure	SDG 3.8	25%	5	30%	5	35%	5	40%	5	50%	5	25

## Other Transformational Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh.)	Source of Funds	Lead Agency
Kerugoya county medical complex	Kerugoya ward	To enhance service delivery	Completion of Construction and equipping of Medical Complex	Complete and equipped medical complex	2023-2024	500M	CGK	CGK
Kimbimbi Hospital	Nyangati Ward	To enhance service delivery	Completion and equipping of Medical Complex	Complete and equipped medical complex	2023-2025	300M	CGK	CGK
Kianyaga Hospital	Baragwi ward	To enhance service delivery	Completion and equipping of Medical Complex	Complete and equipped medical complex	2023-2025	300M	CGK	CGK

## Cross-Departmental Implementation Considerations

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
<b>Curative and Rehabilitative Services</b>	County Department of Public Works & Infrastructure;	<ul style="list-style-type: none"> <li>Joint Development of Bills of Quantities</li> <li>Joint technical supervision of ongoing works</li> </ul>	<ul style="list-style-type: none"> <li>Haphazard development of health facility.</li> <li>Poor planning of physical development</li> </ul>	<ul style="list-style-type: none"> <li>Develop Master Plan for Health facilities</li> <li>Continue joint development of BQs and joint inspection of ongoing works.</li> </ul>
	Department of Physical planning;	<ul style="list-style-type: none"> <li>Processing Ownership documents</li> </ul>	<ul style="list-style-type: none"> <li>Grabbing of land meant for public health facilities</li> </ul>	<ul style="list-style-type: none"> <li>Collaboration with Land Registry to demarcate and issue title deeds for land meant for Public Health Facilities</li> </ul>
	National Transport and Safety Authority	<ul style="list-style-type: none"> <li>Road safety Programs</li> </ul>	<ul style="list-style-type: none"> <li>Increased Road traffic accidents</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> </ul>
<b>Preventive &amp;</b>	Ministry of Health & Health	<ul style="list-style-type: none"> <li>Dissemination of National Policies</li> </ul>	<ul style="list-style-type: none"> <li>Non-alignment</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> </ul>

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
Promotive Health	SAGAs	<ul style="list-style-type: none"> <li>and regulations,</li> <li>• Trainings and capacity building of HCWs</li> <li>• Donor funded programmes</li> <li>• Research and Development</li> </ul>	<ul style="list-style-type: none"> <li>of County and National Policies</li> <li>• Delay in disbursement of grants</li> </ul>	<ul style="list-style-type: none"> <li>• Joint planning and review of Health sector plans</li> </ul>
	National Environmental Management Authority (NEMA)	<ul style="list-style-type: none"> <li>• Improved Living environment</li> <li>• Joint inspection teams</li> </ul>	<ul style="list-style-type: none"> <li>• Increased pollution &amp; risk to health</li> </ul>	<ul style="list-style-type: none"> <li>• Comply and enforce NEMA guidelines during Health waste disposal</li> </ul>
	County Department of Water and Environment;	<ul style="list-style-type: none"> <li>• Provision of cleaning services and landscaping for health facilities</li> <li>• Technical assistance and advisory on setting up sanitary facilities</li> <li>• Provision of sanitation services for markets, solid &amp; liquid waste management, water quality control and control of environmental pollution.</li> <li>• Connection of water to Public Health facilities</li> </ul>	<ul style="list-style-type: none"> <li>• Outbreak of sanitation related diseases or conditions</li> </ul>	<ul style="list-style-type: none"> <li>• Strengthen collaboration</li> </ul>
	County Department of Education/ Ministry of Education	<ul style="list-style-type: none"> <li>• Health education and promotion in schools, colleges and universities</li> <li>• Vitamin supplementation</li> </ul>	<ul style="list-style-type: none"> <li>• Increased absenteeism</li> <li>• Early pregnancies</li> </ul>	<ul style="list-style-type: none"> <li>• Strengthen collaboration</li> </ul>

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
		<ul style="list-style-type: none"> <li>in schools in the county.</li> <li>deworming and school hygiene activity in schools</li> </ul>		
	County Department of Agriculture, Livestock and fisheries	<ul style="list-style-type: none"> <li>The agricultural sector to ensure food security while the department of health to ensure food quality control.</li> <li>One Health Programmes</li> </ul>	<ul style="list-style-type: none"> <li>Can lead to increase of Zoonotic diseases and malnutrition</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> </ul>
General Administration	County Department of Information, Communication and Technology	<ul style="list-style-type: none"> <li>Provision of IT specifications for the Health Management Information Systems (HMIS).</li> <li>networking for all hospitals, technical support (user support), and preventive maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>Reduced efficiency in offering government services</li> </ul>	<ul style="list-style-type: none"> <li>Roll-out e-Government services across all county government sectors</li> </ul>
	Council of Governors and County Governments	<ul style="list-style-type: none"> <li>Cross county border public health interventions</li> <li>Joint Purchasing agreements</li> <li>Benchmarking on best practices in health</li> </ul>	<ul style="list-style-type: none"> <li>Risk of disease outbreaks if cross border collaborations are not strengthened.</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen inter-county collaboration</li> </ul>
	Governance, Justice, Law and Order Sector	<ul style="list-style-type: none"> <li>Court Users Committee</li> <li>Technical working groups on SGBV</li> <li>Joint inspections of premises</li> </ul>	<ul style="list-style-type: none"> <li>Delayed justice</li> </ul>	<ul style="list-style-type: none"> <li>Joint Inspection with relevant bodies of business premises in compliance to the Public Health Act</li> </ul>

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
	County Department of Trade	<ul style="list-style-type: none"> <li>Issue of Public Health Licenses</li> </ul>		<ul style="list-style-type: none"> <li>Strengthen collaboration</li> </ul>
	Ministry of Interior & coordination of National Government	<ul style="list-style-type: none"> <li>Social and Community Mobilization</li> </ul>	<ul style="list-style-type: none"> <li>Lack of community support and goodwill</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> </ul>
		<ul style="list-style-type: none"> <li>Security provision</li> </ul>	<ul style="list-style-type: none"> <li>Security lapses, injuries and violence, theft</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> </ul>
		<ul style="list-style-type: none"> <li>Address Sexual &amp; Gender-Based Violence (SGBV)</li> </ul>	<ul style="list-style-type: none"> <li>Increase in SGBV cases, Injuries &amp; STIs</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> <li>Establishment of recovery centres</li> </ul>
		<ul style="list-style-type: none"> <li>Address Alcohol and Substance Abuse</li> </ul>	<ul style="list-style-type: none"> <li>Increased accidents, SGBV, crime, chronic diseases</li> </ul>	<ul style="list-style-type: none"> <li>Strengthen collaboration</li> <li>Joint Rehabilitative programs</li> </ul>
		<ul style="list-style-type: none"> <li>Disaster Management</li> </ul>	<ul style="list-style-type: none"> <li>Poor disaster response and management</li> </ul>	<ul style="list-style-type: none"> <li>Establish a common disaster response plan &amp; command</li> </ul>

#### 4.1.2 Agriculture, Livestock, Veterinary and Fisheries

##### Department Introduction

Agricultural transformation is a decades-long process which involves modernization of on-farm production, shifting production towards more value addition. Agricultural transformation is critical to growing the economy, reducing the cost of food, alleviating poverty and therefore delivering 100% food and nutrition security.

##### Department composition

The department comprises of directorates; Agriculture; Livestock, Veterinary and Fisheries

##### Vision and Mission

**Vision:** To be the leading agent of food security for all, employment creation, income generation and poverty reduction in Kirinyaga county.

**Mission:** To improve the livelihoods of Kirinyaga people by promoting competitive farming business through appropriate policy environment, effective support services and sustainable agricultural resources management.

##### *4.1.2.1 Agriculture Sub-Sector*

##### Sub-Sector Objectives

- Create enabling environment for agricultural development
- Increase agricultural productivity and outputs
- Promote market access, agro-processing and value addition
- Enhance accessibility of affordable inputs and credit to farmers
- Promote sustainable land use and environmental conservation
- Enhance institutional efficiency and effectiveness in implementation and extension & advisory service delivery

##### Sub-Sector Priorities and Strategies:

**Table 4.3 Sector Priorities- ALVF**

Department Priorities	Strategies
Increase agricultural productivity and output	a) Strengthen its extension service delivery system b) Encourage private sector participation in extension



Department Priorities	Strategies
	<p>services delivery through</p> <ul style="list-style-type: none"> <li>c) County Agriculture Sector Extension Policy (CASEP).</li> <li>d) Farmer groups and organizations empowered to provide these services at grassroots level.</li> <li>e) Strengthen institutional linkages and enhance collaboration between research, extension services, and farmers.</li> <li>f) Intensify training and dissemination of appropriate technologies.</li> <li>g) Food safety and quality regulations emphasized for market compliance.</li> <li>h) Surveillance and control of migratory and other pests to be enhanced.</li> <li>i) Initiate crop specific value chain development approach</li> <li>j) Promote new technologies of improved varieties, agronomic packages, and sustainable land use systems</li> </ul>
Promotion of access to Market information	<ul style="list-style-type: none"> <li>a) Collate and disseminate information on the domestic and export markets for dissemination to producers, exporters and service providers by use of ICT.</li> <li>b) Organize and participate in agricultural shows and trade fairs both local and international to expand market reach for county's commodities.</li> <li>c) Collaborate with other public institutions to facilitate the private sector in developing and maintaining transport and marketing infrastructure, especially rural market facilities and access roads that lead to markets.</li> <li>d) Promote value-addition by addressing the barriers to rural agro-processing that include licenses, product standards, entrepreneurial skills, high cost of equipment, packaging among others.</li> </ul>

Department Priorities	Strategies
	<ul style="list-style-type: none"> <li>e) Collaborate with the National Government to expand and diversify agricultural markets and products.</li> <li>f) Ensure that agricultural exports meet international quality and safety standards.</li> <li>g) Explore new markets and increase export volumes.</li> <li>h) Domesticate and implement the Agribusiness Development Strategy so as to promote commercial agriculture.</li> </ul>
Enhance Accessibility to Affordable Inputs and Credit	<ul style="list-style-type: none"> <li>a) Facilitate farmer organizations' capacity to procure inputs in bulk and creation of an efficient distribution network.</li> <li>b) Establish an Agricultural Input Revolving Fund (AIRF) for sustained access to affordable inputs.</li> <li>c) Training and supervision of stockists to ensure only high quality inputs are stocked and also enforce regulations on standards of inputs and products from the agricultural sector.</li> <li>d) Capacity build and assist farmers in coming up with farm business plans so as to access credit</li> <li>e) Broaden lending base, by holding consultative fora with financial and insurance institutions and stakeholders to encourage them to accommodate small agricultural producers.</li> </ul>
Promote Sustainable Land Use and Environmental Conservation	<ul style="list-style-type: none"> <li>a) Build the capacity of farmers on suitable soil and water management practices</li> <li>b) Soil fertility promotion through conservation agriculture, use of organic fertilizers and soil testing and amendments.</li> <li>c) Encourage farmers to practice appropriate agro forestry in an effort to conserve the environment and increase farm forest cover.</li> </ul>
Enhance Institutional Efficiency and Effectiveness in Implementation and Service Delivery	<ul style="list-style-type: none"> <li>a) Appropriate training to equip staff with relevant and suitable skills to effectively tackle the department's functions.</li> </ul>

Department Priorities	Strategies
	<ul style="list-style-type: none"> <li>b) Acquisition, allocation and efficient utilization of equipment and other facilities to enhance a conducive working environment.</li> <li>c) Creation of a conducive environment for private investment</li> <li>d) Endeavour to domesticate and implement the public-private partnerships act.</li> <li>e) Promote E Extension where farmers can access information through internet and mobile line services.</li> </ul>

## Department Programmes and Flagship Projects

**Table 4.4 Department Programs-ALVF**

PROGRAMME: CROP DEVELOPMENT AND MANAGEMENT														
Objective: Increase agricultural productivity and outputs														
Outcome: Increased crop produce quality and quantity														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Land and Crop Development	Reduction of crop damage and losses	%age reduction in crop losses	1,2,3											
	Soil testing	Number of soil samples tested	2	2000	4	2000	4	2000	4	2000				12
	Promotion of modern production technologies	Number of technologies promoted and adopted	1,2,13	3	6	3	6	2	4	2	4	2	4	24
	Supply of high quality planting material and inputs	Number of beneficiaries Quantities of seeds/seedling distributed. No of input distribution centres constructed and operationalized	1,2,3	2000	50	2000	50	2000	50	2000	20	2000	20	100
				20000		20000		20000		20000		20000		
	Increased use of mechanization in agriculture	Number of mechanization technologies adopted	1,2	3	5	2	5							10
	Support to irrigation projects for increased crop production	Number of irrigation projects offered extension services	1,2,3	15	10	10	5	10	5	10	5	10	5	30
	Promotion of climate change mitigation	Number of climate smart technologies promoted	1,2,3	10	20	10	20	10	20	10	20	10	20	100
Expansion of irrigation infrastructure	No of acres under irrigated agriculture		100	25	100	25	50	25	50	15	50	15	105	

PROGRAMME: CROP DEVELOPMENT AND MANAGEMENT															
Objective: Increase agricultural productivity and outputs															
Outcome: Increased crop produce quality and quantity															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG	Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
					Year 1		Year 2		Year 3		Year 4		Year 5		
					Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Agricultural Extension Services	Enhance efficiency of extension delivery	Number of offices constructed/completed and equipped, maintained	1,2	2	12	4	12	4	12	4	12	4	12	4	48
	Train staff and farmers on modern, emerging technologies and issues	Number of staff and farmers trained	1,2,3	10000	12.0	10000	12.0	10000	12.0	10000	12.0	10000	12.0	60.0	
	Farmers trained in organic production	Number of farmers trained Quantity organic of produce marketed	1,2,3,13	500	1.5	500	1.5	500	1.5	500	1.5	500	1.5	7.5	
	Enhance service provision by extension staff	Number of vehicles procured No of extension staff hired	1,2,3	2	12	2	12	1	2	12				36	
Food security initiatives	Traditional high value crops production promoted	Amount of planting materials purchased -Amount of produce harvested -Number of beneficiaries	1,2	20	10	20	10	20	10	20	10	20	10	50	
	Promotion of crop insurance for resilience	Number of producers insured	1,2	10000	360	10000	360	10000	360	10000	360	10000	360	1800	
	Promotion of sustainable land management (SLM)	Number acres under SLM		300	15	300	15	300	15	300	15	300	15	75	

PROGRAMME: AGRIBUSINESS AND INFORMATION MANAGEMENT															
Objective: Promote market access, agro-processing and value addition															
Outcome: Increased access to markets, market information, affordable inputs and credit															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG	Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
					Year 1		Year 2		Year 3		Year 4		Year 5		
					Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Agribusiness and Market Development	Market access improved	Number of markets constructed	1,2,3	3	30	2	20	2	20					70	
	Access to affordable inputs and credit improved	Revolving Agricultural fund established Funds disbursed	2	1	150	1	150		-		-		-	300	
	Market linkages improved	-Number of marketing linkages -Number of groups trained	1,2,13	30	5	20	3	20	3					11	
	Value addition of produce increased	Number of groups trained -Number of value addition facilities constructed and operational	1,2,3		6.0		6.0		6.0		6.0		6.0	30.0	
	Consumption of local coffee enhanced	Number of branded mobile coffee vendors equipped.	1,2,3	10	10	20	15	15	15	10	10	10	10	60	
Agricultural information management	Agricultural information collected, maintained and managed	Number of equipment purchased	1,2	20	.1	20	.1	20	.1					7.3	
		-MIS installed and operationalized -Number of staff trained -Reports generated by system	1,2	1	5	30	1	30	1						
	Agricultural Enterprise Census conducted	No of census done No of value chain reports generated	1,2,3		0	0	1	50	0	0	0	0	0	50	
			10												



**4.1.2.2 Livestock, Veterinary and Fisheries Sub-Sector**

This subsector comprises of Livestock, veterinary, Aquaculture and Blue Economy

**Sub-Sector Objectives:**

- To create enabling environment for aquaculture sector development
- Increase aquaculture production productivity, output and value addition
- Promote market access and market development for all fish and fish products
- Enhance accessibility to affordable inputs and credits
- Increase land utilization through aquaculture
- Promote environmental conservation
- Create wealth and employment
- Ensure food security and balanced nutrition

**Sub-Sector Priorities and Strategies:**

Department Priorities	Strategies
To Increase Livestock and Fisheries productivity and profitability for enhanced Food Nutritional security and income	<ul style="list-style-type: none"> <li>a) Strengthen Livestock &amp; fisheries extension services</li> <li>b) Provision of quality farm inputs for Livestock &amp; Fish</li> <li>c) Enhance pest and disease control in Livestock</li> <li>d) Support Community initiatives</li> <li>e) Linking livestock and fish farmers to markets, financial institutions, input suppliers and other stakeholders</li> <li>f) Establishment of ultramodern value addition facilities for Livestock and Fish products</li> </ul>



## Sub-Sector Programmes

Programme Name: Livestock Production														
Objective: To increase Livestock productivity and profitability for enhance food nutritional security and income generation														
Outcome: Enhanced food nutritional security and income generation leading to improved livelihoods of farming communities														
Enhanced food security and improved livelihoods														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Livestock Extension and capacity Building	Livestock farmers trained on animal husbandry practices	Number of Farmers trained on Livestock husbandry practices		10,000	6	10,500	6.5	11,000	7.0	11,500	7.5	12,000	8.0	35.0
	Enhance E Extension services	Number of ICT equipment purchased and distributed		26	13	0	0	0	0	0	0	0	0	13
	Construction offices	Number of Offices constructed		2	20	0	0	0	0	0	0	0	0	20
	Enhance staff mobility to reach farmers	Number of Vehicles purchased		0	0	2	10	0	0	0	0	0	0	10
	Support Community initiatives of youth and vulnerable micro projects	Number of youth and vulnerable groups supported		100	50	100	50	100	50	100	50	100	50	250
	Employ Extension Staff	Number extension Staff Employed		0	0	30	20	0	0	0	0	0	0	20
Enhance value addition for dairy	Acquisition and installation of value addition facilities for	Number equipment acquired and installed		0	0	5	25	0	25	0	25	0	25	100

products	Dairy														

**Programme Name: Veterinary Services**

**Objective:** Maintain Healthy Livestock Herd for increased Livestock Productivity, Profitability and Safeguard Human Health

**Outcome:**

1. Increased Livestock Productivity
2. Improved farmers income
3. Improved Human health
4. Improved quality of livestock products used as raw materials in industries

Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Livestock Disease and Pest Control	Vaccination of livestock against notifiable diseases	Number of animals immunized		85,000	25	85,500	27.5	86,000	30	86,500	32.5	87,000	35	150
	Construction of functional laboratory	Number of Laboratory construction		0	0	1	10	0	0	0	0	0	0	10
	Equipping of laboratory	Number and type of Equipment bought		0	0	0	0	1Kit	10	0	0	0	0	10
	Employ Veterinary Technical staff	No. of technical staff employed		0	0	0	0	0	0	30	50	0	0	50
	Fencing Veterinary offices Compound	Meters of perimeter fence completed		600 Meters	5	-	-	-	-	-	-	-	-	5
	Enhance disease surveillance using reporting	Purchase of ICT E		26	10.4	0	0	0	0	0	0	0	0	10.4
	Construction of offices	Number of offices Constructed		0	0	2	20	0	0	0	0	0	0	20

	Purchase Motor Vehicles	Number of Motor Vehicles purchased		2	10	0	0	0	0	0	0	0	0	10
	Enhance Disease Surveillance	Surveillance disease reports		6	2.5	6	2.75	6	3.0	6	3.25	6	3.5	15
Support livestock breeding services	Affordable services available to farmers	Number of Inseminations carried out		5	5.0	5	5.0	5	5.0	5	5.0	5	5.0	25
Veterinary Public Health	Meat inspection and Licensing	Number of meat inspection and licenses granted		20	1	20	1.25	20	1.5	20	1.75	20	2	7.5
Hides and skin and leather development	Licensing and capacity building of flayers	Number of Flayers trained and licensed		20	0.4	20	0.5	20	0.6	20	0.7	20	0.8	3.2
	Monitoring of hides and skin bandas	Number of bandas monitored and licensed		20	0.2	20	0.3	20	0.4	20	0.5	20	0.6	2.0
Improve Livestock Marketing structures	Establish modern Livestock sale yards	Number of livestock Sale yards established		3	30.0	0	0	0	0	0	0	0	0	60

Programme Name: Fisheries development														
Objective: To create wealth and Improve food and nutrition security														
Outcome: Enhanced food security and improved livelihoods														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Fish Feed Production-installation of a fish feed production factory	Improved quality of fish produced	Number of tonnes of feed produced		1	7	0	0	0	0	0	0	0	0	7
Capacity Building (Farmers and Staff)	Increase fish production and productivity in the county	Number of farmers trained Number of Technical staff trained		350	0.35	350	0.35	350	0.35	350	0.35	350	0.35	1.75
				5	0.5	6	0.6							1.1
Strengthening Marketing Structures and Linkages - build modern market and fish processing plant	Improved household income	Number of modern markets established		1	5	0	0	0	0	0	0	0	0	5
Operational Facilitation	Improved fish production	Increase in field visits and service delivery		2640	2.6	2640	2.6	2640	2.6	2640	2.6	2640	2.6	13.2
Fish Products Safety and Quality Assurance	Improved fish and fish products quality	Number of inspections reports written after patrols		12	0.054	12	0.054	12	0.054	12	0.054	12	0.054	0.27
Establish a Trout Hatchery And farm	increase trout fish production and productivity	Number of trout farms established		1	50	0	0	0	0	0	0	0	0	50
Rehabilitate	Increased	Number of ponds		200	8	200	8	200	8	50	2	50	2	28

Programme Name: Fisheries development														
Objective: To create wealth and Improve food and nutrition security														
Outcome: Enhanced food security and improved livelihoods														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
ion of ESP ponds and construction by buying pond liners	production and income	rehabilitated and constructed												
Enhance Aquaculture extension services	Employ fisheries technical Officers	Number of fisheries officers employed		30	50	0	0	0	0	0	0	0	0	50
Enhance aquaculture E Extension	Purchase equipment	Number of ICT Equipment purchased		26	10.4	0	0	0	0	0	0	0	0	10.4
A Aquaculture Business Development programme	Improved production, productivity as well as food security and nutrition of smallholder farmers	No. of households reporting an increase in production and graduated from level 1 (subsistence) to level 2 (semi commercial)		350	35	350	35	350	35	350	35	350	35	175
		No. of households reporting adoption of environmentally sustainable and climate resilient		350	31.5	350	31.5	350	31.5	350	31.5	350	31.5	157.5

Programme Name: Fisheries development														
Objective: To create wealth and Improve food and nutrition security														
Outcome: Enhanced food security and improved livelihoods														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
		technologies and practices												
		No. of fish ponds constructed, upgraded or rehabilitated and stocked with fish in an environmentally sustainable and climate smart manner		350	3.5	350	3.5	350	3.5	350	3.5	350	3.5	17.5
		No. of persons trained in business management		350	0.35	350	0.35	350	0.35	350	0.35	350	0.35	1.75
		No. of households provided with targeted support to improve their Nutrition- kitchen gardens		350	0.35	350	0.35	350	0.35	350	0.35	350	0.35	1.75
	Improve the efficiency of	No. of persons trained in business management		350	0.35	350	0.35	350	0.35	350	0.35	350	0.35	1.75

Programme Name: Fisheries development														
Objective: To create wealth and Improve food and nutrition security														
Outcome: Enhanced food security and improved livelihoods														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	the value chain in fish and fish products by promoting a business approach at all scales.	No. of smallholder households included in out grower schemes and linked to the Market Extension officers trained by the programme t No. of aquaculture related enterprises accessing business development services 200 200 200 200 200 - Extension offi												
Capture fisheries development-restocking of dams , rivers, canals, cage faring in dams	improved fish production from capture fisheries	No of dams, rivers and canals restocked	200000 fingerlings to be restocked	200,000	2	0	0	0	0	0	0	0	0	2





## Other Transformational Projects

### Agriculture Sub-Sector

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh.)	Source of Funds	Lead Agency
Construction of and commissioning tomato processing facility	Kangai	To add value to tomato produced in the county	Construction of factory Procurement of equipment Commissioning of factory	One factory is operationalised	By June 2024	150M	CGK	ALVF
Construction of and commissioning avocado pack house facility	Kangai	To process avocado for export	Construction of factory Procurement of equipment Commissioning of factory	One factory is operationalised	By June 2024	200M	CGK	ALVF
Construction of modern French bean grading sheds	Mwea	TO improve on the safety of French beans	Construction of modern grading sheds	10 sheds constructed	By June 2024	25M	CGK	ALVF
Revitalization of Kirinyaga ATC	Kamweti	To improve on performance of the ATC	Construct and equip lecture halls, modern kitchen facility	Construct and equip 2 lecture halls Construct a modern kitchen facility	By June 2025	200M	CGK	ALVF
Construction of input distribution centres	County wide	To improve accessibility to high quality	Construction of input distribution centres	5 centres operationalized	By June 2025	90M	CGK	ALF

		inputs						
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**Livestock, Veterinary and Fisheries Sub-Sector**

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh.)	Source of Funds	Lead Agency
Ultramodern fish market establishment	Kirinyaga central, Kiaga market	To link farmers to market and value addition of fish	Establishment of Ultra-modern fish market	1ultra modern fish market to be established	1 year	50m	ABDP- Kirinyaga County Government	IFAD ,GoK and County government
Stocking/ restocking of rivers, canals and dams	All Kirinyaga sub-counties	To increase fish production in Tonnage	To restock all permanent rivers, dams and canals with tilapia and catfish fingerlings	1000000 fingerlings to be restocked	5 years	10m	County government GOK	County government GOK
Rehabilitation of ponds with provision of pond liners fingerlings feeds, and capacity building	All Kirinyaga sub-counties	To increase fish production in Tonnage	To rehabilitate all farmers ponds	1750 pond to rehabilitated	5 years	238m	County government And development partners	County government Development partners
Establishment of Milk Processing plant	Kirinyaga County	To process and value add milk for increased shelf life	Construction, equipping and operationalizing milk processing plant	1 Milk processing plant established and operational	5yrs	100M	County government and development partners	County government of Kirinyaga

## Cross-Departmental Implementation Considerations

### Agriculture Subsector

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
Markets development	Trade	Organization of traders and supervision		Form market committees to help manage the markets
	Environment	Recycling of solid waste materials	Pollution by waste and other effluents	Incorporate waste management components, encourage recycling of waste
.....	Works	Technical input in market development		Form project management committees to implement projects
Irrigation development	Water	Compliance with regulatory issues	Prudent water use and agrochemical use	Train community water management committees Form supervision committees Training of farmers on water and chemical use
Farmer organization	Social Services	Regulation of farmers of group operations	Resource mismanagement	Strengthen the group management for resources and operations
	Cooperatives	Regulation of PO operations	Financial mismanagement	Ensure compliance with regulatory regimes

### Livestock, Veterinary and Fisheries Sub-Sector

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
Ultramodern fish market	Public works	Architectural drawings and design of market centres	construction of structures	Establishment of fish market centres
	Environment		Environment pollution	Comply and enforce NEMA Guidelines
.....	Water		Water availability	Comply with water

				regulations
Group formation	Social and gender		Registration of small aquaculture groups and aquaculture small enterprises groups	Certification of groups
Nutrition	Health	Capacity building on fish eating health advantage	Change of improved health	Comply with nutrition advises
Crop and fish integration	Agriculture	Capacity building on how to integrate both	Improve on crop and fish integration	Comply with Agriculture advises
Canals and furrows water	NIB		Use of water from Irrigation schemes	Comply with NIB regulations
Group development	Cooperative development	Training groups	Group graduating to form association and cooperatives	Comply with their guidelines
Marketing	Trade	Linking fish farmers to market	Market linkages	Comply with their guidelines

### 4.1.3 Education

#### **Department composition**

This department comprises of two directorates; Early Childhood Education; Vocational Education Training

#### **Vision statement**

To have a globally competitive quality education, training and research for Kirinyaga County's for sustainable development

#### **Mission statement**

To provide, promote and coordinate lifelong education training and research for Kirinyaga County's for sustainable development.

#### **Department Goal(s):**

1. To enhance support to Directorate's and County educational institutions for efficient service delivery;
2. To increase access to quality, equitable, affordable and relevant vocational education
3. To transform County owned polytechnics and home craft centres to offer relevant technical and vocational skills development for employment creation and technology transfer;
4. To strengthen County education field services for effective and coordinated service delivery;
5. To provide support to other education providers including national education agencies through a sustainable bursary programme for greater access to education for all;
6. To enhance the culture of accountability, integrity, transparency and promotion of values and principles of an effective public service;
7. To develop a motivated and seamless public service for effective service delivery; and
8. To initiate and strengthen partnerships with agencies and institutions in the fulfilment of the Departmental mandate.

#### **Department Priorities and Strategies:**

The Department priorities are derived from the Department development issues which are

related to the development of the standard structural plans, the minimum engagement with the user/ stakeholders, human resource Support staff (e.g. accountant) and security officers enrolment & lack of attractive training programs for youth .

**Table 4.5 Department Priorities and Strategies- Education**

<b>Department Priorities</b>	<b>Strategies</b>
Improve quality and relevant of vocational training	<ul style="list-style-type: none"> <li>a) Engage a consultant in coming up with a clear strategic plan of vocational education.</li> <li>b) Engage TVETA and other education stakeholders in planning stage mainly in areas of infrastructure requirements, human resource and accreditation.</li> </ul>
Improve access of vocational and technical education	<ul style="list-style-type: none"> <li>a) Upgrade some of our institution to offer up to diploma</li> <li>b) Bring institution nearer to residents of Kirinyaga</li> <li>c) Introduce additional courses to meet local demand</li> <li>d) Attract investments associated with vibrant institutions</li> </ul>
Provision of learning facilities and resources in ECDE centres.	<ul style="list-style-type: none"> <li>a) Construction of new classrooms</li> <li>b) Renovation of existing classrooms</li> <li>c) Construction of child friendly sanitary facilities</li> <li>d) Provision of child play facilities</li> <li>e) Provision of adequate teaching and learning materials</li> <li>f) Adoption of digital learning programme</li> </ul>
Improve talents and training skills	Establish and upgrade sport & games facility in our institutions
Increase enrolment	<ul style="list-style-type: none"> <li>a) Enhancement of internet connectivity</li> <li>b) Increase training programs attractive to the youth and qualified instructors</li> <li>c) Introduction of production unit</li> <li>d) Provision of quality training materials, tools &amp; equipment</li> <li>e) Improved infrastructure</li> </ul>
Increase level of skills & innovation	<ul style="list-style-type: none"> <li>a) Installation of internet connectivity</li> <li>b) ii) undertake skill competitions among the youths</li> <li>c) iii) Avail modern equipment for skill show</li> <li>d) iv ) have a county VTC skill show day once a year</li> </ul>
Increase level of greening environment	Undertaking trees & flower plants planting activities
Security enhancement	<ul style="list-style-type: none"> <li>a) Installation of CCTV cameras</li> <li>b) Employment of trained security personnel</li> <li>c) Construction of strong rooms for storage of expensive equipment</li> <li>d) Installation of fire fighting equipment</li> </ul>



## Department Programmes and Flagship Projects

### Vocational Education Training

To improve the quality of skills offered in the technical training institutions, the department proposes the following programs as shown

**Table 4.6 Department Programs- Education**

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
<b>Kirinyaga East Sub-county</b>														
Construction & Equipping of ICT LAB	Construction & equipping of a lab at Kiambataha and Kiamwathi	No. of Computer rooms constructed		-	-	1	5	1	5	-	-	-	-	10
		No. of computers purchased			-	50	2	50	2	-	-	-	-	4
		No. of multipurpose heavy duty Printer			-	1	0.2	1	0.2	-	-	-	-	0.4
	Equipping and connect Computer labs at Kimweas & Kamiigua	No. of computers purchased			-	50	2	50	2	-	-	-	-	4
Construction of Dormitory(boys & girls)& Equipping	Construction of dormitories at Kimweas & Kamiigua	No of dormitories constructed and equipped with beds				2	15	2	15					30
Construction	administration blocks in	No of		1	5	1	5	1	5	1	5			20



Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
of administration block	Kimweas, Kamiigua, Kiambatha & Kiamwathi VTCs	administration blocks constructed												
Fencing & Gate	Fencing at Kamiigua & Kimweas	No. of institutions with perimeter fences		1	2	1	1.5							3.5
	Construction of Gate at Kamiigua	No. of institutions with gate		1	0.5									0.5
Construction and Equipping of VTCs workshops	Motor vehicle workshop at Kiambatha	No of workshops fully constructed and equipped						1	2					2
	Twin workshop at Kiamwathi	Equipped workshop		1	3									3
Construction Of an ablution bloc	Construction Of an ablution bloc at Kiamwathi	No of ablution blocks constructed				1	1.5							1.5
County Library	Construction of county library at Kamiigua VTC	county library at Kamiigua		1	10	-	-	-	-	-	-	-	-	10
<b>Kirinyaga West Sub-County</b>														
Construction of modern washrooms for	Construction of modern washrooms for male & female in Ndiriti, Kibingoti	Number of complete washrooms		1	3	1	3	1	3					9

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
male & female	& Kiamwe													
Construction of a dining hall and a kitchen	Dining hall and a kitchen at Ndiriti &Kibingot2	Number of complete dining hall and kitchen	SDG 3			1	2					1	2	4
CCTV system installation	Installation of CCTV system at Ndiriti, Kibingoti & Kiamwe	Number of functioning CCTV cameras	SDG 11	1	0.5M	1	0.5					1	0.5	1.5
Workshop Construction	Construction of a workshops at Ndiriti & Kibingoti with strong rooms	Number of workshops with strong rooms	SDG 4.4	1	1.5					1	2.5			4
	Construction and equipping of a computer laboratory at Ndiriti &Kiamwe	Number of equipped computer laboratories	SDG 4.4	1	2	1	0.5							2.5
	Supply of training materials and equipment in Ndiriti, Kiamwe & kibingoti VTCs	Number of materials and equipment bought	SDG 4.4	1	3	1	3	1	3	1	3	-	-	12
	Fencing of compound at Kibingoti Vtc	No of VTC WITH fencing done and cameras installed	SDG	1	1.5									1.5
	Construction of MVM shade together with a service bay at Kibingoti	Number of shades constructed	SDG 4.4			1	1.5							1.5
	Renovation of MVM and Masonry workshops at Kiamwe	Number of workshops renovated	SDG 4.4			1	1							1
	Construction of Male dormitory at Kiamwe	Number of dormitories	SDG 3					1	3					3

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
		constructed												
	Construction of female dormitory at Kiambwe	Number of dormitories constructed	SDG 3							1	3			3
	Construction of Multi-purpose hall at Kiambwe	Number of halls constructed	SDG 3									1	3	3
	<b>MWEA East sub-county</b>													
Nyangati and Mucii-wa Urata VTC	Construction of workshop at Nyangati & Mucii-wa Urata	Number of workshops constructed		2	10									10
	Renovation of workshop at Nyangati & Mucii-wa Urata	Number of workshops renovated		2	5									5
	Construction of dining hall kitchen and equipping Nyangati & Mucii-wa Urata	Number of dining hall & kitchen constructed	4			1	10	1	10					20
	Construction of ICT LAB that is fully heavy duty printer, with internet connectivity at Nyangati, Mucii-wa - Urata and Ngucui	Number of ICT LAB constructed and equipped				1	5	1	5	1	5			15
	Construction of a masonry shade at Nyangati	Number of masonry shade constructed	4	1	1									1

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	Construction & equipping of administration block at Nyangati & Ngucui	Number of administration block constructed	4			1	2					1	2	4
	Supply of training materials & equipment's at Nyangati, Mucii-wa-urata	No of VTCs with equipment's & training materials supplied	4	2	3	2	3	2	3	2	3	2	3	15
	Recruitment of human resource (trainers),Hiring Support staff(Security personnel at Nyangati, Mucii-wa Urata and Ngucui	Number of VTCs supported with trainers & support staff hired	4	3	3	3	3	3	3	3	3	3	3	12
	Landscapping, Strategic, Physical and structural planning at Nyangati, Mucii-wa - Urata	No of VCTs with strategic physical and structural planning		1	1	1	1	1	1					3
	Construction of a complex building hosting institution catering class kitchen a classroom & dining hall Nyangati, Mucii-wa - Urata	No of complex building built				1	15							15

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	Completion of auto garage at Mucii-wa urata	No of doors installed		1	0.4									0.4
	Construction of Ablution block that can serve 1000 persons of both genders at Ngucui & Mucii-wa-Urata	No of ablution block built		1	1.5	1	3							4.5
	<b>Kirinyaga Central sub county</b>													
<b>Construction of Classrooms</b>	-construction and furnishing of 4 classroom block at (2)Kaitheri,(2)Mutitu &	No of blocks constructed		2	3.5	2	3.5							7
Dormitory construction	-construction and furnishing of girls dormitory with bio digester at Kaitheri	No of dormitory blocks constructed				1	4.5							4.5
	Construction of an modern ablution block at Kaitheri & Kiamuthambi	No of modern ablution blocks constructed		1	2.4	1	2.4							4.8
	Supply of training materials at Kaitheri,Mutiti &Kiamuthambi	No of VTCs supplied with training materials		2	1.4	2	1.4	2	1.4	2	1.4	2	1.4	7
	Construction of an institution store at Kaitheri	Construction of an institution						1	2					2

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
		store												
	Landscaping, Improvements of pavements-cabros	No of VTCs Improvements of pavements-cabros at Kiamuthambi Landscaping at Kaitheri										2	3.7	3.7
	Upgrading MVM shed at Mutitu	No of Upgraded MVM shed		1	1									1
	Construction of an administration block at Mutitu & Kiamuthambi	No of administration blocks						1	3.5			1	3.5	7
	Construction of a standard dining hall with a medium modern kitchen at Mutitu & Kiamuthambi	No of VTCs with a standard dining hall with a medium modern kitchen		1	3			1	3					6
	Construction of computer lab and furnishing the lab with 20 computers, 1 projector and 1 white board Mutitu & Kaitheri	No of equipped computer lab and		1	1	1	2.5							3.5
	Sinking of a bore hole and pumping system at Kiamuthambi	No of boreholes and pumping system		1	1.5									1.5

Programme Name: Vocational Education and Training															
Objective: improve the quality of skills offered in technical training institutions															
Outcome: Creation of employment to youth through skills offered in VTCs															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*	
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
	Construction of an administration block at kiamumthabi	No of administration block											1	3.5	3.5
	Construction and furnishing of plumbing and welding workshop at Kiamuthambi	No of workshops constructed				1	2.5								2.5
	<b>Mwea West Sub-County</b>														
	NITA/Knec exam registration in all exams in Thome, Kiamikuyu & Nguka VTCs	Number of trainees registered for National Exam		100	1	100	1.0	100	1	100	1	100	1.5	5	
	Skill show held per year in Thome, Kiamikuyu & Nguka VTCs	Number of trainees registered for skill show competitions	4	60	0.6	60	0.6	60	0.6	60	0.6	60	0.6	3	
Construction of dormitories	Dormitories constructed	Number of dormitories constructed		2	7	1	3.5	0	0	0	0	0	0	10.5	
MVM	Modern motor vehicle shed with inspection pit & store	Number of MVM sheds with inspection pi	9			1	1.5	1	2.5	0	0	0	0	4	
Computer Lab	Number of computers Number of printers Internet connectivity	No of Computers, Printers, projectors &		30 Computer, 1Printers, 1projectors & screens	1.8	30	1.8							3.6	

Programme Name: Vocational Education and Training														
Objective: improve the quality of skills offered in technical training institutions														
Outcome: Creation of employment to youth through skills offered in VTCs														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
		screens												
Boreholes Plastic tanks	Increased level of Water & sanitation	Number of boreholes drilled Number of 10m <sup>3</sup> plastic tanks	6	2 boreholes drilled 2 plastic tanks	5.2									5.2
Construction of Ablution		Number of ablution block with urinal	6	2 ablution blocks constructed	3.0									3
Fencing	Perimeter fence	Number of VTCs with fences elected						2	4					4
CCTV systems	CCTV & security officers in Thome, Nguka & kiamikuyu	Number of VTCs with CCTV cameras Number of security guard recruited		1	1.2	1	1.2	1	1.2	0	0	0	0	3.6
Landscapping	Landscaping and co curriculum activities	Number of VTCs with playing fields landscaped		1	0.2	1	0.2	1	0.2	1	0.2	1	0.2	0.8



<b>Programme Name:</b> Free pre-primary education														
<b>Objective:</b> To improve the learning environment in the ECDE centres														
<b>Outcome:</b> Increased enrolment due to conducive learning environment														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Infrastructural development	New classrooms	No of New classrooms constructed	4.2	12	20.25	12	19.5	12	19.5	11	18.5	11	18.5	96.25
	Renovation of classrooms	No of Existing classrooms renovated	4.2	14	6.6	14	6.6	14	6.6	14	6.6	15	6.6	28
	Sanitary facilities	No of Child friendly sanitary facilities constructed	4.2	12	18	12	18	12	18	13	19.5	13	19.5	93
Teaching and learning materials	Assorted teaching and learning materials	No of trainees supplied with Teaching and learning materials procured and distributed	4.2	15,000	3	15,000	3	15,000	3	15,000	3	15,000	3	15
Digital learning	EIDU digital learning programme	EIDU digital learning programme implemented	4.2	15,000	18	15,000	9	15,000	9	15,000	9	15,000	9	54

### Other Transformational Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh.)	Source of Funds	Lead Agency
County library and youth centre	Kabare ward	Where all learners can get information, they want and do research	Already started	Gaining information	2023-27	10,000,000	County government and donors	Seeking funding for same
ICT Resource Centre	Kibingoti VTC	Establish an ICT resource centre	Construction and equipping of ICT Centre	youth benefiting from the ICT centre	2023-25	5,000,000	County government of Kirinyaga	
Equipped ICT centre with internet connectivity	Thiba	To improve skill innovations and research	Construction and equipping the ICT centre	trainees benefiting from the facility	2023-25	9,000,000	County Government of Kirinyaga	County Government of Kirinyaga
Complete break making factory	Wamumu mutithi	To construct concrete block for business	Designing, constructing and equipping break making production unit	Number of breaks made and sold	2023-25	10,000,000	County Government of Kirinyaga	County Government of Kirinyaga
Institution bus 61 seater	Kirinyaga central vtcs'	Improve transport	Acquiring of institution bus	Increase enrolment	2023-27	6,000,000	County Gov Kirinyaga	Education department

## Cross-Departmental Implementation Considerations

Tree planting, water harvesting, use of bio gas instead of firewood in kitchens, and solar installation for heating water are some of the considerations to be made to mitigate against adverse environmental impact in the VTCs.

Management of bio-waste and proper waste-disposal systems will keep the environment clean and establish an environment-friendly learning atmosphere.

The department will harness the synergies with departments in public works, health and ICT for BQs preparations and equipping the ICT computer labs. The cross-Departmental impacts and the mitigation measures should be presented in the format indicated in Table

**Table : Cross-Departmental impacts**

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
VTCs infrastructure	Public Works	Preparation of BQs and projects inspection	Disparities between BQs and projects' budgetary allocation	Ensure BQs are prepared for the budgeted amount
Tree growing & Biogas installation	Environment & Climate Change	Formation of Environmental clubs Tree growing	N/A	N/A
Digital literacy	ICT	Digital learning	Exposure to unauthorized content	Controlled content

#### **4.1.4 Roads, Transport and Infrastructure**

##### **Department composition:**

The department has three (3) directorates:

##### **The Directorate of Public Works:**

The department deals with Architectural, Structural, Mechanical, Electrical & Quantity Surveying. This involves building works and services i.e. deals with implementation of all construction works, markets and approvals of architectural and structural drawings. The Fire section also falls under this directorate.

##### **The Directorate of Roads:**

This department deals with road works, culverts installation works, design and construction of bridges and footbridges, county fleet management and consideration of requests for building approvals (roads). The department also deals with acquisition, repairs and maintenance services of county heavy machinery & motor vehicles.

##### ***Vision***

To be the leading provider of construction and engineering works goods and services within Kirinyaga County and beyond.

##### ***Mission***

To provide quality construction and engineering works goods and services to enhance the development and maintenance of infrastructure within the County.

##### ***Objectives***

- a) To design, develop and maintain roads to a standard that will enhance efficient transportation of people goods and services;
- b) To develop and maintain street and security lighting infrastructure to enhance security and safety;
- c) To develop and maintain public transport infrastructure;
- d) To design, develop and maintain institutional facilities to enhance service delivery;
- e) To maintain county fleet and plant to facilitate service delivery;

- f) To design, develop and maintain bridges to enhance vehicular and pedestrian passage;
- g) To offer engineering services to private developers;
- h) To provide project planning and design services to projects funded by Ward Development Fund (WDF); and
- i) To design and operate traffic management system (TMS) to enhance efficient vehicular and pedestrian movement.

**Department Priorities and Strategies:**

The following are Department priorities envisaged and strategies proposed to achieve them in relation to root causes of the development issues.

**Department Priorities and Strategies**

**Table 4.7 Department Priorities and Strategies-Roads, Transport and Infrastructure**

Department Priorities	Strategies
1. Need to provide accessibility, mobility and enhance quality of Roads	<ul style="list-style-type: none"> <li>a) Undertake planning and designs of priority county roads Projects</li> <li>b) Development of the road network</li> <li>c) To preserve the quality of the county road network through regular maintenance</li> <li>d) Undertake Monitoring and Evaluation of projects under the department</li> </ul>
2. Securing and preservation of road assets	<ul style="list-style-type: none"> <li>a) To define, demarcate and clear road reserves through reclaiming all the encroached county road reserves and sensitize the public.</li> <li>b) Promote stakeholder understanding of the overload control regulations</li> </ul>
3. Promoting environmental and social safeguards	<ul style="list-style-type: none"> <li>a) Carry out Environmental and Social Impact Assessment (ESIA) in Projects</li> <li>b) Implement interventions to reduce dust/air/noise pollution at construction sites.</li> <li>c) Re-Vegetate existing and new roads by planting trees.</li> <li>d) Gender Mainstreaming in projects.</li> <li>e) Activate Grievance Redress Committee on each project.</li> </ul>
4. Improvement of security and County businesses working	Installation of security lighting apparatus e.g. stand-alone solar powered mini floodlights, 20M High

environment through adequate lighting.	floodlight masts and street lighting
5. Increased preparedness and timely response in disaster prevention and management	Reduce and avoid potential losses from hazards, secure lives and livelihoods in disaster situations through purchase of additional modern disaster management equipment.

## Department Programmes and Flagship Projects

**Table 4.8 Department Programmes-Roads, Transport and Infrastructure**

Programme Name: Roads development, maintenance and management														
Objective: Increased efficient, durable and all-weather road network														
Outcome: Improving accessibility and mobility in different county areas														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Construction and maintenance of roads and bridges	Graded road surfaces	No. of kms of roads done	9.1	1200	35	1200	35	1200	35	1200	35	1200	35	175
	Graveled road surfaces	No. of kms of roads done	9.1	250	300	300	360	300	360	300	360	300	360	1,740
	Easy access	Number of bridges and footbridges done	9.1	1	15	2	30	3	45	4	60	4	60	210
	Culvert Works	Number of culvert units produced and installed	9.1	300	2.5	300	2.5	400	3.5	400	3.5	400	3.5	15.5
	Bitumen surface roads	Number of kms of roads done	9.1	0	0	0	0	1.0	30	1.0	45	1.5	45	120
	Paved and well drained surfaces	Area of paved surfaces done in SM	9.1	30,000	150	30,000	150	30,000	150	30,000	150	30,000	150	750

<b>Programme name:</b> Disaster Management														
<b>Objective:</b> Reduce and avoid potential losses from hazards, secure lives and livelihoods in disaster situations														
<b>Outcome:</b> Increased preparedness in disaster prevention and management														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets	Planned Targets and Indicative Budget (KSh. M)										Total Budget (M)
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Fire fighting and Emergency services	Operationalization of a County Fire Station	Operational fire station		1	10									10
	Purchase of New Fire Engine	No. of fire engines purchased				1	50							50
	Installation of 20 no. Fire hydrants in major towns	No. of hydrants installed		4	0.24	4	0.24	4	0.24	4	0.24	4	0.24	1.2

<b>Programme Name:</b> Infrastructure Development, maintenance & management														
<b>Objective:</b> Enhanced construction/maintenance of public buildings and supervision of all county constructions														
<b>Outcome:</b> Provide, enforce & sustain structures that ensure a safe and secure environment for citizens														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Public works Services	Purchase of a project supervision vehicle	No of vehicles				2	10							10
	Construction and operationalization of a County Fuel Filling Station	Operational fuel station						60%	13.8	40%	9.2			23
	Installation of 20M high floodlights masts: 25no.	No of masts		5	8	5	8	5	8	5	8	5	8	40
	Installation of 10M Solar Powered Mini floodlights	No of floodlights		4	2.8	4	2.8	4	2.8	4	2.8	4	2.8	14



<b>Programme Name:</b> Infrastructure Development, maintenance & management														
<b>Objective:</b> Enhanced construction/maintenance of public buildings and supervision of all county constructions														
<b>Outcome:</b> Provide, enforce & sustain structures that ensure a safe and secure environment for citizens														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	Expansion and Fencing of TR & PW Offices	-Number of office blocks completed - Metres fenced		Office Block expansion	6		Fencing	4						10

### Other Transformative Projects

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Paving and marking of Sagana town, Kagio town – Upper side, Kibingoti town, Kiangwachi town and Baricho town	Kirinyaga West Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Paving and marking of Kutus town, Kagumo town and Kerugoya town	Kirinyaga Central Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Paving and marking of PI town, Kianyaga town, Kiamutugu town and Kutus town – Upper side	Gichugu Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Paving and marking of PI town, Kimbimbi town, Wang’uru town and Mutithi town	Mwea East Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Paving and marking of Makutano town, Kagio and Kutus town – Lower side	Mwea West Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Gichugu Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert lines.	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028

Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Kirinyaga West Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Kirinyaga Central Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culverts	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs))	Green considerations	Economy	Cost (Kshs.)	Source of funding	Timeframe
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Mwea West Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert lines.	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project		450,000,000.00	County Government of Kirinyaga	2023 – 2028
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of	Mwea East Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project		450,000,000.00	County Government of Kirinyaga	2023 – 2028

bridges, footbridges and culvert lines			lines	Cabro blocks or bitumen materials				
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## National Government Agencies

### Department Programmes and Flagship Projects

#### Kenya Rural Roads Authority (KERRA)

Programme Name: Rural roads development															
Objective: To Develop, Rehabilitate, maintain and Manage Rural Roads in the Country															
Outcome: Improved road accessibility															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)											Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
Upgrading bitumen (Tarmacking)	Increase in road users Ease of transport cost	Number of Km tarmacked	SDG 2.8.9.13	74.6	3,730	78.6	3,930	74.6	3,730	70.6	3,530	74.6	3,730	18,650	
Gravel wearing Course	Increase in road users Ease of transport cost	Number of Kms Graveled	SDG 2.8.9.13	50	100	58.6	117.2	67.2	134.4	58.6	117.2	58.6	117.2	586	
Reconstruction	Increase in road users Ease of transport cost	Number of Kms constructed	SDG 2.8.9.13	12.2	549	10	450	14.4	648	12.4	558	12	540	2,745	

### Cross-Departmental Implementation Considerations

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse Impact	
Roads development, maintenance and management	Trade	Increase trade through construction of markets & market centres.	<ul style="list-style-type: none"> <li>-Pulling down of structures on road reserve</li> <li>-Restricted movements and delays during road construction increases cost of doing business</li> <li>- loss of business in affected areas due to inaccessibility during road closures</li> </ul>	<ul style="list-style-type: none"> <li>-Establish market centres and parking bays along the roads;</li> <li>-Develop a resettlement plan</li> <li>- Design of alternative routes to improve traffic connectivity.</li> </ul>
	Environment	Promote environmental conservation and management	<ul style="list-style-type: none"> <li>-Contributes to deforestation.</li> <li>-contributes to silting of water resources through surface run offs affecting the amount of water available for both domestic and commercial uses.</li> <li>-Exposed borrow pits posing danger to life and land degradation</li> <li>-Leads to noise and air pollution and excessive vibrations</li> </ul>	<ul style="list-style-type: none"> <li>-Conduct Environmental Impact Assessment studies,</li> <li>-Comply and enforce NEMA Guidelines</li> <li>-Undertake tree planting exercises. - Implement road beautification programs.</li> <li>- Enforce reinstatement of quarries and borrow pits after road construction works</li> </ul>
	Agriculture	<p>Improved market linkages of the agricultural produce</p> <p>Improved accessibility of farm inputs.</p>	<p>Reduces land available for agricultural purposes</p> <p>Disrupts both water and energy infrastructure</p>	<ul style="list-style-type: none"> <li>-Design of alternative routes to improve traffic connectivity</li> </ul>

#### 4.1.5 Trade, cooperatives, Tourism and Enterprise Development

The department is composed of four directorates, namely Cooperative Development, Trade and Enterprise Development, Tourism and Industrialization.

##### Vision

A globally competitive county economy with sustainable and equitable socio-economic development and cooperative sector wealth

##### Mission

To develop, promote, coordinate and implement sustainable integrated cooperative development, trade, tourism, industry and enterprise development policies and programmes for an emerging economy.

##### Department Goals

- a) Capacity building for staff, cooperatives, SMEs and other relevant stakeholders
- b) To promote value addition and product diversification
- c) To promote the culture of saving for social economic empowerment of the people of Kirinyaga County
- d) Promote good corporate governance in the co-operative movement
- e) Enhance standards of measurements, traceability and fair-trade practices
- f) Promote private sector development through enterprises and entrepreneurship development
- g) Establish structures to promote growth and development of County Tourism

##### Department Priorities and Strategies

**Table 4.9 Department Priorities and Strategies-Trade, Cooperatives**

Department Priority	Strategies
a) To provide conducive trading environment for traders	a) Construction of new markets b) Existing market Improvements c) Capacity building for traders and SMEs
b) To develop industrial sector in the county for investors attraction	a) Development of industrial master plan b) Resource mapping c) Industrial development
c) To promote and expand tourism activities in the county	a) Tourism resources development b) Tourist sites development

Department Priority	Strategies
	c) Domestic tourism promotion and marketing
d) To promote cooperative development and management	a) Review and amendment of existing cooperative policy. b) Capacity building on governance and compliance issues c) Cooperative advisory and extension services d) sensitization on compliance audits
e) To ensure fair trade practices	a) Annual verification of all weights and measures equipment b) Regular training of fair-trade practices
f) To promote value addition and product diversification	a) identify produce for value addition b) develop value addition of local produce policy c) mobilization of financial resources d) capacity building on value addition e) dissemination of market information

## Department Programmes and Flagship Projects

### Department Programmes

**Table 4.10 Department Programs-Trade, Cooperatives**

Programme Name: Trade Development and Investment														
Objective: To provide conducive trading environment for traders														
Outcome: Increased income														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Promotion, development and growth of trade	Upgraded markets	Number of upgraded markets	SDG 1.3.6.8	4	80	4	80	4	80	4	80	4	80	400

Programme Name: Industrial Services														
Objective: To develop industrial sector in the county for investors attraction														
Outcome: Jobs creation and market for locally produced commodities														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Promotion of Industrial development	Industrial park developed	Number of Industries developed	SDG 1.2.8.9.17	Feasibility study	50	Development of bankable projects	20	Investor sounding	30	Setting up of industries	50	At least 2 operational industries in place	50	200
Industrial resource mapping	County resource handbook developed	Number of handbooks developed	SDG 8	Identification of the consultant and mapping	20									20



			exercise											
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Programme Name: Tourism Development and marketing															
Objective: To promote and expand tourism activities in the county															
Outcome: Increased tourists															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*	
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
Tourism resource development and management	Tourist sites developed	Number of tourist sites developed	SDG 1.5.8	Tourist site identification and development	10										10
Domestic tourism promotion and marketing	Handbook developed, documentary developed and exhibitions	List of members attended exhibitions, Number of documentaries and handbook produced	SDG 1.5.8			Publication of handbooks and production of documentaries	5	Conducting and participation of tourism exhibition	7	Conducting and participation of tourism exhibition	7	Conducting and participation of tourism exhibition	7	26	

Programme Name: Cooperative Development and Management														
Objective: To enhance cooperative management and corporate governance														
Outcome: well managed cooperative societies														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Cooperative advisory and	Empowered cooperative	-Number of Cooperative	SGD 1.4	30	0.4	40	0.6	50	0.8	60	1	80	1.2	4

Programme Name: Cooperative Development and Management														
Objective: To enhance cooperative management and corporate governance														
Outcome: well managed cooperative societies														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
extension services	societies	members advised												
Cooperative education and training	Gained knowledge and skills	-Number of cooperative societies trained	SDG 1.4.5.10	30	0.8	40	0.9	50	1	60	1.3	70	1.4	5.4
Cooperative governance and accountability	Empowered leadership	-Number of cooperative whose leaders are trained	SDG 1.10	30	0.65	40	0.75	50	0.9	60	1.1	70	1.2	4.6
Capacity building and seminars on governance and compliance issues	Good governance and compliance rate	-Number of Cooperatives holding seminars	SDG 1.4.10	30	0.4	40	0.6	50	0.8	60	1	80	1.2	4

Programme Name: Weights and Measures														
Objective: To ensure fair trade practices														
Outcome: Fair trade practices														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Verification and other technical services	Weights and measures equipment verified	Number of weights and measures equipment verified	SDG 16	100%	2	100%	2	100%	2	100%	2	100%	2	10

Programme Name: Cooperative audit Services														
Objective: To give a true and Fairview of the cooperative's societies financial affairs														
Outcome: Financial accountability and compliance														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Auditing of financial statements for cooperatives	Registered audited accounts	Number of cooperative societies audited	SDG 8.10	30	0.6	35	0.7	40	0.8	45	0.9	50	1	4
Inspection and investigation for cooperatives	Inspection reports	Number of Cooperatives with inspection reports done	SDG 8.10	5	0.2	7	0.3	9	0.4	10	0.5	12	0.6	2
Carrying out continuous and	Compliance audit	Number of cooperatives with	SDG 8.10	60	0.3	70	0.4	80	0.5	90	0.6	100	0.7	2.5

<b>Programme Name: Cooperative audit Services</b>														
<b>Objective: To give a true and Fairview of the cooperative's societies financial affairs</b>														
<b>Outcome: Financial accountability and compliance</b>														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
compliance audit		compliance audit done												

## Cross-Departmental Implementation Considerations

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse Impact	
Trade development and investment	Public works	Development of BQs Supervision of the project Verification of the work done	Re-location of the traders	Identify a temporary area for the traders during construction period
	<i>Finance</i>	Tendering process	Unsatisfied non-winning contractors Allegations of favourism by bidders	Conduct transparent tendering process by engaging all stakeholders
	Environment, water and Natural resources	Provision of Skip-loaders Collection of refuse Provision of Water	Environment pollution	Comply and enforce NEMA guidelines

### 4.1.6 Lands, Physical Planning, Housing and Urban Development Department Introduction

The department is composed of three major sections;

- a) Physical planning; it is responsible for development control, forward planning and spatial data management.
- b) Survey and GIS; Responsible for survey, mapping and public land management.
- c) Housing, urban Development and valuation; responsible for property rating, urban areas management and administration and Housing in the county.
- d) Kerugoya-Kutus municipality- an administration entity that manages and oversees the operations of the municipality not limited to urban planning/ design, disaster managements, revenue mobilization and infrastructure development.

#### Vision

The department vision statement is “to ensure sustainable management and utilization of land and housing resources for socio-economic growth and development”.

#### Mission

The department mission statement is “to facilitate improvements of livelihoods of County Residents through efficient administration, equitable access, secure tenure and sustainable housing and land resource management”.

### **Core values**

The core values of the departments are:

- a) Professionalism
- b) Equality and Equity
- c) Innovativeness
- d) Transparency and accountability
- e) Team work

### **Objectives**

The core objectives of Lands, Physical Planning and Housing department are:

- f) To establish adequate capacity to provide quality services and respond to emerging issues.
- g) To promote a favorably investments environment for sustainable development.
- h) To realize a sustainable rural and urban development framework
- i) To develop and implement responsive policies for land use planning, housing and urban development.

## Department Priorities and Strategies:

Department Priorities	Strategies
Enhancement of security of tenure	<ul style="list-style-type: none"> <li>- Partner with national government on land registration and issuance of titles.</li> <li>- Public participation on acquisition of land for public purpose.</li> <li>- Promotes out-of-court dispute resolutions of boundary disputes for faster processing of ownership documents.</li> </ul>
Physical planning	<ul style="list-style-type: none"> <li>- Preparation of municipal/towns and village physical and zone plans</li> <li>- Establishment of development control framework at urban areas level.</li> <li>- Establishment of digital data collection and management systems like Electronic Development Application Management System (eDAMS) and Land Information Management System (LIMS)</li> </ul>
Provision and management of Housing	<ul style="list-style-type: none"> <li>- Adoption of Appropriate Building Technology (ABTs) in construction industries.</li> <li>- Partnership with National Government in provision of Affordable housing.</li> <li>- Facilitation and equipping of building inspectorate unit.</li> <li>- Renovation of county housing estates.</li> </ul>
Promote access to service areas	<ul style="list-style-type: none"> <li>- Town and village physical planning for orderly allocation of resources</li> <li>- Acquisition of land for road linkages</li> <li>- Marking of access roads to avoid encroachment.</li> </ul>
Storm water management	<ul style="list-style-type: none"> <li>- Integration of drainage facilities in design and construction of Buildings, roads and other civil works. This is through development applications and approval.</li> <li>- Storm water harvesting in major development to complement piped in operations.</li> </ul>
Municipal/Towns Solid waste management.	<p>Adoption of best practices in handling of municipal waste like the concept of recycling, reusing, privatization etc.</p> <ul style="list-style-type: none"> <li>- Designation of municipal waste collection points</li> <li>- Establishment of incineration center of municipal solid waste.</li> <li>- Integration of water collection facilities in building designs and construction</li> <li>- Preparation and enactment county solid waste bill to control behavior and conduct of waste generation and handling.</li> <li>- Urban areas regeneration</li> </ul>
Disaster management	<p>Construction and equipment's of the disaster response center.</p> <ul style="list-style-type: none"> <li>- Safety checks on the designs and construction of buildings and roads.</li> <li>- Adoption of technology in disaster response mechanisms like fire</li> </ul>



	alarms - Regular inspections of public facilities for disaster preparedness.
Capacity building	Department staff training on knowledge and skills advancement programs.

## Department Programmes and Flagship Projects

**Table 4.11 Department Programs- Lands, Physical Planning, Housing and Urban Development**

Programme Name: Land Management														
Objective: To harmonize complementary goals of economic, environmental and social opportunity for sustainable land management														
Outcome: Sustainable land use patterns														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
County spatial Planning	GIS Lab	Construction of Lab Building	17.6	-	-	1	20	-	-	-	-	-	-	20
		Number of working stations equipped	17.6	-	-	-	-	25	60	10	20	10	20	100
	County Spatial Plan	% of plan completion	11.3	85%	50	100%	-	-	-	-	-	-	-	50
		Up to Data Updates.	11.3	100%	5	100%	5	100%	5	100%	5	100%	5	25
	Municipality Plans'	Number of approved Municipal Plans	11.3	1	0.5	1	55	-	-	1	55	-	-	110.5
Spatial Planning	Cadastral Maps of Urban Areas	Number of Urban Areas mapped	17.6	1	1.5	1	1.5	1	1.5	1	1.5	1	1.5	7.5
	Land acquisition for public purposes i.e. public utilities	Area (Ha) of land Acquired	11.7	3	100	3	100	3	100	3	100	3	100	500
	LIMs and Edams system	Functional online system	17.6	-	-	1	85	-	-	-	-	-	-	85
		% of applications and Land under digital managements	17.6	-	-	-	-	30%	5	30%	5	30%	5	15
	Town Local Physical Development Plans	Number of Approved LPDPS	11.3	-	-	1	15	1	15	1	15	1	15	60
Village and Markets Advisory Plans	Number of Advisory plans prepared	11.3	-	-	1	1.5	1	1.5	1	1.5	1	1.5	6	
Town Zoning and Development	County Land Use Policies	Number of approved policies and acts	16.7	1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	2.5
Mapping and Survey	Public Land Titling	Number of titles facilitated	1.4	20	0.3	20	0.3	20	0.3	20	0.3	20	0.3	1.5
	Land Registration- South Ngariama	Number of parcels facilitated	1.4	-	-	2000	40	2000	40	-	-	-	-	80
	Survey tools and equipment	Set of tools and Equipment	17.6	-	-	1	5	1	5	-	-	-	-	10
	Marking of roads	Number of Villages marked	9.1	5	2	5	2	5	2	5	2	5	2	10
Training and capacity Building	Training and Capacity built	Number of Staff trained	17.9	10	4	10	4	10	4	10	4	10	4	20

<b>Programme Name: Housing Development</b>														
<b>Objective: Support quality, safe and affordable housing</b>														
<b>Outcome: Secure decent homes with suitable terms of ownership and living conditions</b>														
Sub Programme	Key Output	Key Performance Indicators	Linkage s to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Improvement and development of human settlement	Housing Laws and Policy	Number of laws and policies developed	11.1	1	1.5	1	1.5	1	1.5	N/A		N/A		<b>6</b>
	Equipped Building inspectorate	Number of set equipment's acquired	11.7b	1	0.6	1	6	1	0.6	1	0.6	N/A		<b>7.8</b>
	Storm water Management	Kilometers of Drainage Channels constructed	11.6	10	90	10	90	10	90	10	90	10	90	<b>450</b>
	Adoption of green technology in building	Number of approved Designs	11.6	1	0.2	1	0.2	1	0.2	1	0.2	1	0.2	<b>1</b>
		Number of towns adopting the technology	11.6	1	4	1	4	1	4	1	4	1	4	<b>20</b>
	Integration of Sewer System in houses	Number of housing units connected	11.6	-	-	-	-	100	50	100	50	100	50	<b>150</b>
	Constructed Affordable Housing units through PPP	Number of affordable units constructed	11.1	100	500	-	-	100	500	-	-	-	-	<b>1000</b>
	Appropriate Building Technology Centre	Number of centers established	9.1	1	5	-	-	1	5	-	-	-	-	<b>10</b>
Renovation and maintained County House Estates	Number of housing units Renovated	11.1	-	-	25	25	25	25	25	25	25	25	<b>100</b>	

Programme Name: Solid waste management														
Objective: Improvement of Municipality Solid Waste System														
Outcome: Clean Environment														
Sub-Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Fabrication and supply of skips containers	Acquisition and fabrication of skip loader system with one skip container	-Number of skip loaders acquired and operationalized	11.6			1	10			1	10			20
	Acquisition of 60- 6M <sup>3</sup> skip containers	-Number of skip containers acquired	11.6	12	6	12	6	12	6	12	6	12	6	30
15 acreage rehabilitation of Kabatero/Kutus dumpsite	-Weighbridge -Grading of internal access roads -Fencing of the dumpsite -Provision of water points -Provision of lighting -Landing bay for garbage truck -Construction of dumpsite office having two office rooms, store, a washroom for management personnel	-Fully established rehabilitated dumpsite	11.6			0.5	50					0.5	50	100
Acquisition and installation of medical	-Acquisition of the incinerator	-Acquired and operationalized	11.6					1	20					20

and hazardous waste incinerator at Kabatero dumpsite		waste hazardous incinerator												
	Construction of the go down for installation of the incinerator -Construction of waste holding room	-Construction of one go down	11.6		5			5						<b>10</b>
Kerugoya clothes Market	Construction of market sheds, laying of slabs, toilets, drainage and flood lights	Fully established and functional market	8.3				50	35		-		-		<b>85</b>
Installation of Floodlight and lighting	Kerugoya and Kutus markets and bus parks	Fully functional bus parks and markets	8.3				40	30		30		-		<b>100</b>
Industries	Through PPP, support establishment and setting up various factories in the Municipality	Infrastructure to support various industries	8.2		800		550	250		250		150		<b>2,000</b>
Upgrade Kerugoya Urban Forest, to Public abortorium and upgrade Kerugoya and Kutus public gardens	Reclaiming the Urban Forest to an abortorium and Kerugoya and Kutus gardens up grade	Infrastructures to support public recreation facilities	11.7		50		50	20		10				<b>150</b>
Upgrade of Car parks, Drainage systems, access roads and Landscape.	Upgrade of transport utilities	Capital infrastructure to support public transport.	9.1		300		300	300		100				<b>1000</b>
Decommissioning of Kerugoya Dumpsite and reclaiming it in to a	-leveling -Planting trees and grass	Operational Public Park	11.7		4		3	2		0.5		0.5		<b>10</b>

public park														
Improvement of Kerugoya Urban forest in to a public arboretum	-Murraming of access roads -Developing walking paths	Fully operational public Arboretum	11.7		33		12		3		1		1	<b>50</b>
Reclaiming and Greening of riparian land and beautification of urban areas.	-Planting grass and bamboo trees -Establishment of arboretum -Fencing arboretum space	Percentage area	11.7	50	20	25	10	25	10					<b>40</b>
Kiamathatwa 3acreage land to be developed as Kutus arboretum	-Formerly designed as dumpsite but hazardous due to its proximity to households making it unsuitable -Activities will including leveling off the ground and planting grass and trees	Fully operational public Arboretum	11.7		4		2		1		1		1	<b>10</b>
Development of Stadia	Construction and maintenance of Stadium to modern standards	A modern stadium constructed and maintained	11.7		150		100							<b>250</b>
Kirinyaga County Fire Station	Completion and operationalization of modern, fire station in Kutus	An operational and equipped fire station in Kutus	11.b		50	-	-	-	-	-	-	-	-	<b>50</b>

## Transformative Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
<b>SURVEY SECTION/ PHYSICAL PLANNING SECTION</b>								
GIS lab	County Headquarters	Consolidation, management and dissemination of spatial data	-Construction of Laboratory Building -Equipping of Gis Lab -Operationalization of GIS Lab -Commissioning of Gis Lab.	Operational and functional GIS Lab.	3 years	<b>120M</b>	-County Government -W.W. F -F.A. O -World Bank	Department of lands, Physical Planning and Housing.
County LIMS and Edams	County Headquarters	Effective management of land and development control aspects	-Outsourcing for consultancy services. -Evaluation of the bidders. -collection of sample data. -training and equipping of system administrators. -data cleaning and public sensitization. -regulatory professional stakeholders review and evaluations. - commissioning	-County Digital land management system. -Accurate and updated Database.	3 years	<b>90M</b>	County Government	Department of lands, Physical Planning and Housing.
Acquisition of land for Kutus Livestock Market	Kutus	Promote proper management of livestock in Kerugoya-Kutus Municipality	-Site identification and suitability analysis. -Tender and acquisition of land. -land Conveyancing.	Land ownership documents	1year	<b>12M</b>	County Government	Department of lands, Physical Planning and Housing.
<b>HOUSING SECTION</b>								
Construction of affordable Housing Units through PPP	Kerugoya	To enhance decent affordable houses for residents	-Site identification and suitability profiling. -construction of housing units. -inspection and occupation. -commissioning	Safe and affordable housing	3years	<b>1B</b>	-County Government -National Government	National Housing Corporation.

KERUGOYA-KUTUS MUNICIPALITY								
Kirinyaga County Fire Station	Kutus	To establish a modern, equipped, and upgraded fire department, emergency response, and rescue to cater for rapid growth in population as well as commercial and residential investments.	<ul style="list-style-type: none"> <li>- Site identification and feasibility study.</li> <li>- Tendering and site handover.</li> <li>-construction and equipping of the station.</li> <li>-inspection and commissioning</li> </ul>	-centralized county disaster response and operation center	2 Years	70 Million	KUSP	-Kerugoya-Kutus Municipality -Department of lands, Physical Planning and Housing.



#### 4.1.7 Environment, Water and Natural Resources

**Department composition** Environment, Energy, Climate Change and Natural resources, Water and Irrigation Services

##### **Vision and Mission:**

##### **Vision**

A clean, healthy, and secure environment to guarantee high quality life for a prosperous county.

##### **Mission**

To enhance governance in the protection, restoration, conservation, development and management of the environment and natural resources that creates an enabling environment for economic and social development.

##### **Department Goal(s):**

The Department aims to achieve the following;

- a) To manage and sustain landscapes and natural resources.
- b) To secure water for the future consumption.
- c) To conserve and enjoy our nature, parks and places.
- d) To ensure communities are active in the sustainable management of our environment.

##### **Department Priorities and Strategies:**

The Department priorities are derived from the Department development issues documented in Part II above. The issues include development, formulation and management of policies and laws relating to departmental functions, undertake conservation, control, and protection of Natural resources, enhance environment conservation through improved private and public linkages to ensure effective coordination, Capacity build the current human resource and recruit key personnel as per the departmental organogram, and mainstreaming and coordination of climate change adaptation and mitigation. The department priorities and strategies are shown in the table below.

##### **Department Priorities and Strategies**

Department Priorities	Strategies
Development, formulation and	Operationalization and facilitation of the county

<p>management of policies and laws relating to departmental functions</p>	<p>environmental committee</p> <p>Deliberate and intentional legislative proposal to the Executive Committee for approval and subsequent enactment</p> <p>Sensitization and advocacy for various environmental functions among the stakeholders to solicit goodwill</p>
<p>Undertake conservation, control and protection of Environment and Natural Resources</p>	<p>Develop and implement various workplans for all the functions under the department e.g. solid waste management action plan, climate change action plan, environmental action plan etc.</p> <p>Enhance the institutional capacity of the department to possess key technical skills and personnel to implement the departmental mandate</p> <p>Provision of tools and equipment of work to enhance service delivery eg. Surveillance vehicles, noise meters, PPEs, etc.</p> <p>Improve linkages with other county and national government agencies for effective cooperation through the County Environmental committee.</p> <p>Research and development of innovative and effective methods of environmental conservation</p>
<p>Enhance environment conservation through improved private and public linkages to ensure effective coordination</p>	<p>Sensitize and Capacity build for the stakeholders to implement and ensure effective coordination to improve environmental conservation and enhance compliance.</p> <p>Promote innovative methods of environmental conservation that are geared towards achieving Diversity, Equity and Inclusivity.</p> <p>Promote best practices in environmental management and conservation for improved performance.</p>

<p>Capacity build the current human resource and recruit key personnel as per the departmental organogram</p>	<p>Enhance the institutional capacity of the department to possess key technical skills and personnel to implement the departmental mandate through recruitment and trainings.</p> <p>Develop environmental workshops, benchmarking forums and seminars.</p> <p>Provision of tools and equipment of work to enhance service delivery eg. Surveillance vehicles, noise meters, PPEs, etc.</p> <p>Ensure there a conducive working environment for the human resource in the department.</p>
<p>Mainstreaming and coordination of climate change adaptation and mitigation.</p>	<p>Promote, advocate and enforce environmental assessment on development.</p> <p>Development of a climate resource center.</p> <p>Development and enactment of County Climate Change Act (CCCA) and subsequent Action Plan implementation.</p> <p>Sensitize and Capacity build for the stakeholders to ensure effective coordination of climate change issues.</p> <p>Adoption of Climate Smart Technologies e.g. Climate Smart Agriculture, Green Energy, Sustainable waste management</p> <p>Develop climate change workshops, benchmarking forums and seminars</p> <p>Participate in National, Regional, and International Climate change related fora.</p>

## Department Programmes and Flagship Projects

**Table 7: Department Programmes**

The department plans to implement projects through various programmes which include, solid waste management, Effluent Waste Management, Natural Resource Management, enforcement and compliance, Forestry, Renewable energy, noise pollution and climate change. The implementation of the programmes aims at improving the efficiency in urban solid & liquid waste management, biodiversity conservation, mainstream green energy for domestic and commercial uses and ensure county compliance to the environment regulations

**Table 4.12 Department Programs-Environment, Water and Natural Resources**

Programme Name: Effluent Waste Management														
Objective: Provide sustainable urban center liquid waste management services														
Outcome: Improved efficiency in liquid waste management														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Urban Centers Liquid Waste Management Program		Acquiring 1-Exhauster Trucks	11.6.1, 15.1	Acquire 1 exhauster truck	10									10
		Zero discharge of waste water/raw sewage from premises		Sensitization for enforcement of the waste water regulation	2	Sensitization for enforcement of the waste water regulation	2	Sensitization for enforcement of the waste water regulation	2	Sensitization for enforcement of the waste water regulation	2	Sensitization for enforcement of the waste water regulation	2	10

Programme Name: Effluent Waste Management														
Objective: Provide sustainable urban center liquid waste management services														
Outcome: Improved efficiency in liquid waste management														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	Percentage of sewerage system complete,	No. of major towns connected with sewerage system		25 percent of sewerage system complete		50 percent of sewerage system complete		75 percent of sewerage system complete		100 percent of sewerage system complete				

Programme Name: Natural Resource Management														
Objective: To manage and sustain landscapes and natural resources														
Outcome: Improved Riparian Ecosystem														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
County Rivers Conservatio	6.6	No. of Reposed statutory		Repossession of statutory	10	Repossession of statutory	10	Repossession of statutory	10	Repossession of statutory	10			40

n Program		riparian basins.		riparian basin along river Thiba and its main tributaries		riparian basin along river Nyamindi and its main tributaries		riparian basin along river Sagana and its main tributaries		riparian basin along river Rupingazi and its main tributaries				
		No of County Bamboo Propagating Nursery established.		Establishment of 1 County Bamboo Propagating Nursery.	1	Establishment of 1 County Bamboo Propagating Nursery	1	Establishment of 1 County Bamboo Propagating Nursery	1	Establishment of 1 County Bamboo Propagating Nursery	1	Establishment of 1 County Bamboo Propagating Nursery	1	5
		Planting bamboo seedlings on the 60% of riparian land of the 3 major rivers		25 percent of Planting bamboo seedlings on the riparian land	5	50 percent of Planting bamboo seedlings on the riparian land	5	75 percent of Planting bamboo seedlings on the riparian land	5	100 percent of Planting bamboo seedlings on the riparian land	5			20

<b>Programme Name: Natural Resource management</b>														
<b>Objective:</b> To manage and sustain landscapes and natural resources														
<b>Outcome:</b> Improved Biodiversity Conservation														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
County Wetland Conservation Programme	6.6, 15.1	Repossessed and land ownership documents processed		25 percent of repossessed and processed ownership documents	5	50 percent of repossessed and processed ownership documents	5	75 percent of repossessed and processed ownership documents	5	100 percent of repossessed and processed ownership documents	5			20
		Percentage of County's Wetland and water pans reclaimed		Reclaim 25 percent of wetlands and water pans	5	Reclaim 50 percent of wetlands and water pans	5	Reclaim 75 percent of wetlands and water pans	5	Reclaim 100 percent of wetlands and water pans	5			20

Programme Name: Forestry															
Objective: To conserve and enjoy our nature, parks and places															
Outcome: Improved Forest Resource Conservation															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*	
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
County Forestry Enhancement Programme		No. of Processed land ownership documents of County forests lands	15.1, 15.2	Processing 3 land ownership documents of County forests lands	2	Processing 3 land ownership documents of County forests lands	2	Processing 3 land ownership documents of County forests lands	2	Processing 3 land ownership documents of County forests lands	2	Processing 3 land ownership documents of County forests lands	2	10	
		No. of the Re-established County tree nurseries		1 Re-establish County tree nurseries	1	2 Re-establish County tree nurseries	1	2 Re-establish County tree nurseries	1					3	
		No of botanical gardens established		Establish 1 botanical garden	5						Establish 1 botanical garden	5			10
		No of urban centers and county corridors beautified.		Beautification of 3 urban centers and 3 main county	1	Beautification of 3 urban centers and 3 main county	1	Beautification of 3 urban centers and 3 main county	1	Beautification of 3 urban centers and 3 main county	1	Beautification of 3 urban centers and 3 main county	1	5	



			corridors (gateways		corridors (gateways		corridors (gateways		corridors (gateways		corridors (gateways		
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Programme Name: Renewable Energy														
Objective: Mainstream green energy for domestic and commercial uses														
Outcome: Transition from convectional energy sources to green energy.														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
County Renewable Energy Programme	Utilization of energy saving jikos, bulbs and use of biogas for household and institutional energy needs	Number of alternative, sustainable and renewable sources of energy deployed	7.3	2000 energy jikos distributed	10	2000 energy jikos distributed	10	2000 energy jikos distributed	10	2000 energy jikos distributed	10	2000 energy jikos distributed	10	100
				50 biogas units constructed	5	50 biogas units constructed	5	50 biogas units constructed	5	50 biogas units constructed	5	50 biogas units constructed	5	
				10 briquette making machines distributed	5	10 briquette making machines distributed	5	10 briquette making machines distributed	5	10 briquette making machines distributed	5	10 briquette making machines distributed	5	
								10 briquette making machines distributed						

								ed						
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Programme Name: Enforcement and compliance														
Objective: To ensure seamless compliance to county environmental regulations														
Outcome: A clean and healthy sustainable environment														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets *	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Develop county environmental regulatory framework		No. of county environmental ACTs Drafted, enacted and disseminated	11, 12.4, 13.1,	Drafting, enacting and dissemination of 4 county environmental ACTs	4	2 County environmental Acts implemented	2	1 County environmental Acts implemented	1	1 County environmental Acts implemented	1			8
		No. of environmental monitoring and enforcement unit Established and operationalized		Establish 1 environmental monitoring and enforcement unit	5	operationalize environmental monitoring and enforcement unit	2	operationalize environmental monitoring and enforcement unit	2	operationalize environmental monitoring and enforcement unit	2	operationalize environmental monitoring and enforcement unit	2	13
		No of double cab pick-ups for environmental assessment and inspections purchased		Purchase 1 double cab pick-up for environmental assessment and inspection	6			Purchase 1 double cab pick-up for environmental assessment and inspection	6					12



## Transformative Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh.)	Source of Funds	Lead Agency
Waste Management & Resource Recovery	Kutus Mwea	To develop a circular economy towards zero waste	Community awareness and capacity building on individual and collective responsibility on waste management from the source (households, businesses, markets and farms) through segregation and subsequent sustainable waste disposal and material recovery systems.	No. of households, markets and businesses serviced	2023-2027	100 M	CGK	Directorate of Environment and Natural Resources NEMA
		Clean Environment Economic Empowerment Enhanced and appropriate technology Improved skills	Transfer of waste from source should be well mechanized including additional equipment and vehicles for transfer of waste from source to end point.	Amount of waste collected No of vehicles collecting waste No of waste collection skips procured	2023-2027	105 M	CGK	Department of Environment and Natural Resources
Climate Change and Renewable Energy Resource Center	Red Soil	To Establish a one-stop shop for climate change mitigation and adaptation	Establish a climate data bank Establish a model weather station Early warning Signs and Natural Disaster Response Unit Community Radio Station	Available county climate data Operational community radio station Early warning systems in place	2023-2027	100M	CGK	Directorate of Environment and Natural Resources MoEF-CCD

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**Department Name: Water and Irrigation**

**Department composition**

1. Water supply and sewerage services
2. Irrigation and civil works

**Vision and Mission:** Provide Department Vision and Mission

**Vision**

Sustainable access to adequate water in a clean and secure environment

**Mission**

To promote, conserve and improve access to water for Sustainable county development

**Department Goal(s):**

Department aims to achieve: -

- (i) To promote and improve access to clean, potable water to all households in the County
- (ii) Ensure availability and sustainable management of water resources and sanitation services
- (iii) To increase area under irrigation

**Department Priorities and Strategies:**

**Table 6: Department Priorities and Strategies**

<b>Department Priorities (To be stated at the objective level of the development issues)</b>	<b>Strategies</b>
To increase the proportion of population accessing safe water for urban and rural areas	- Rehabilitate and expand existing water supply projects - Drill new boreholes - Design new water projects
To increase the strategic water storage capacity	- Construct water reservoirs - Acquire storage water tank and distribute to local communities
To increase land under irrigation	- Rehabilitate and expand existing irrigation water projects - Drill new boreholes

	- Design new irrigation projects
To increase the proportion of county population accessing improved sanitation services	-construction of sewerage system -increase exhausters in the county



## Department Programmes and Flagship Projects

**Table 7: Department Programmes**

Programme Name: Water services															
Objective: To increase the population with access to potable and sanitation services and to consistently increase area under irrigation in the county															
Outcome: Increased water & sanitation coverage and increased area under irrigation															
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (Ksh. M)											Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5			
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost		
Surface and ground water abstraction services	Construction of water intakes	Number of water intakes constructed	SDG6 6.1 6.2.6.3 6.4.6.5	3	15	2	10	2	10	2	10	2	10	55	
	Installation of water cleaning/treating machines	Number of machines	SDG6 6.1.16.2.16.3.16.3.26.4.16.4.26.5.1 6.5.2	1	4	1	4	1	4					12	
	Construction of water tower & placing of plastic tanks	Number of water tower constructed	6.1 6.2.6.3 6.4.6.5	3	6	3	7							13	
	Construction of water kiosks	Number of water kiosk constructed	6.1 6.2.6.3 6.4.6.5	1	0.75	1	0.75							1.5	
	Borehole maintenance by installing pumps	Number of boreholes maintained	6.1 6.2.6.3 6.4.6.5	1	2	1	2							4.0	
Water	Laying of gravity	-Number of	6.1.16.2.16.3.16.3.26.4.16.4.26.5.	40414	82.	22250	114.7	28531	132.5	17946	152.7	5482	117.2	594.	

pipelines, storage and treatment service	& distribution mains	kilometers installed	1 6.5.2		0		5				5		5	5
	Construction of water treatment work	Number of water treatments works	6.1 6.26.3 6.46.5	1	45.0	1	45.0	1	45.0	1	45.0	1	45.0	225.0
	Construction of masonry water tanks	Number masonry water tanks	6.1 6.26.3 6.46.5	3	15.0	3	15.0	3	15.0	3	15.0	2	10.0	70.0

### Transformative Flagship Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (Ksh.)	Source of Funds	Lead Agency
Mwea makima treatment work	Mwea	Potable water	Construct water treatment work	component	2023-2027	45.0million	CGK	
Kiangai treatment work	Kiine	Potable water	Construct water treatment work	component	2023-2027	45.0million	CGK	
Kianyaga treatment work	Baragwi	Potable water	Construct water treatment work	component	2023-2027	45.0million	CGK	
Rukanga treatment work and piping	Mutithi	Potable water	Construct water treatment work Expand existing water supply	component	2023-2027	125.0million	CGK	
Kathataini water project	Njukiini	Potable water	Construct water supply and treatment work	component	2023-2027	125.0million	CGK	

## Cross-Departmental Implementation Considerations

The cross-Departmental impacts of each Departmental programme and appropriate actions to harness cross-Department synergies or mitigate adverse cross-Department impacts are as follows;

- **Harnessing cross-Department synergies:** the department will consider harnessing cross-Department synergies arising from possible programme impacts with various departments such as Trade, tourism, industrialization and cooperatives, Public health , public works, housing and urban development, finance, cultural heritage , and Agriculture, livestock, and fisheries. The cross departmental synergies are explained in table 9 in details.
- **Mitigating adverse cross-Department impacts:** the mitigation measures that may be adopted to avoid or manage potential adverse cross-Department impacts are explained in table 9 while also suggesting possible mitigation measures programmes as indicated.

## Cross-Departmental impacts

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
Solid waste management	Trade	Clean trading centers	Inefficient waste collection will hamper trading activities	Timely waste collection program/schedules
	Public Health	Improved environment and sanitation	Increased communicable diseases	Appropriate Disposal and/or Treatment of Hazardous waste
	Public works	Improved road networks Better flood water drainage	Unmanaged waste will result to blockage of drainage systems and impassable access roads.	Efficient and effective management of waste from the source by use of skips
	Finance	Improved revenue collection	Low turnover on revenue	Enforce and monitor compliance with solid waste management regulations
Natural Resource Management	Tourism	Tourist attraction sites thus improved socio-economic development	Encroachment to natural resource conservation areas will adversely affect	Controlled development and agricultural activities Sensitization on

		Creation of jobs	tourism thus low revenue	importance of conserving natural resources Restricted
	Culture and Heritage	Promotion of Kirinyaga heritage Reservation of cultural artifacts	Displacement of people from identified areas of interest Land use and land use change	Ensure there is a resettlement and compensation plan Civic education
	Water and Irrigation	Rivers provide us with water for domestic and irrigation purposes	Contamination of water due to use of agrochemicals and fertilizers	Regulate agricultural activities along the river bends and riparian land Treatment of water for domestic use Sensitization on use of river water resource
	Agriculture, Livestock and Fisheries	Rivers provide water for agricultural use, livestock and fisheries	Contamination of water due to use of agrochemicals and fertilizers Unsustainable consumption of river resource causes stress on water resource	Sensitization of resource users on sustainable agricultural practices Strategic planning on water resource use
Forestry	Trade and Industrialization	Wood resources (wood, timber, gum, medicinal species) as raw material for industries	Unsustainable consumption is likely to cause strain on the forest resource e.g. Deforestation	Enhance and advocate for resource switching e.g. use of concrete poles in place of timber poles Advocate for establishment of commercial woodlots for establishments that consume a lot of forest resource Establishment of commercial tree nurseries for propagating tree seedlings
	Housing and Urban Development	Wood resources for sustainable housing development	Deforestation	Sustainable forest resource consumption Reforestation and afforestation

				programs
Effluent waste management	Road Infrastructure	Connection of facilities, homes and institutions to an efficient sewerage system	Demolition of road infrastructure Destruction of crops and private structures along the sewer line	Develop and implement a rehabilitation plan. Rehabilitation and/or compensation for private property destroyed
	Trade	It will offer a clean and healthy environment for trading and enterprise development	Demolition of business structure along the sewer line	Identification and establishment of trading centers for resettlement of affected traders
	Public Health	Reduced communicable diseases e.g. Cholera, malaria	N/A	N/A

#### 4.1.8 Gender and Youth

**Department composition:** Gender, Youth and Persons with Disabilities

##### (a) Vision Statement

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

##### (b) Mission Statement

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 marginalized groups and area.

##### (c) Strategic Objectives

1. To support the department to implement its overall strategic direction to maximize the quality and impact of its programs and optimize the benefits for children and adults living with disability
2. To lead the process of mainstreaming disability assistance and promote a rights based approach to meeting the needs of children and adults living with disability.
3. Monitor and implement systems enabling effective review monitoring and evaluation of progress need in the area of inclusion of people with disability and give strategic direction on various interventions.

#### Department Priorities and Strategies

Department Priorities	Strategies
Special Programmes	Establish disaster management committees; cereal banking
Gender Affairs	Initiate, lobby for and advocate legal reforms on issues affecting women, and to formulate laws, eliminate all forms of discrimination against women; mainstream a gender in all development initiatives and institutionalize the mandates of the National Commission on Gender and Development
Youth Affairs	Facilitating opportunities for youth to participate in all processes of national development; ensuring improved and effective youth participation in all structures of decision making

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## Department Programmes and Flagship Projects

### Department Programmes

**Table 4.13 Department Programs- Gender and Youth**

<b>Programme Name:</b> Women, Youth & PWD Empowerment Services														
<b>Objective:</b> To improve Socio-economic status for the women, youth and People Living with Disabilities														
<b>Outcome:</b> More Socially and Economically empowered women, youth and People Living with Disabilities														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (Ksh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
<b>People Living With Disabilities</b>	Integrated, vocational training and production centre. (Kamigua Integrated)	One complex structure constructed and fully equipped. No of graduates.	4.a.1 4.5.1	1	50	1	50	1	50	0	0	0	0	150
	Establishment of orthopedic assistive technology workshop.	Construction of a Fully functional orthopedic and orthosis workshop	4.a.1	1	12.5	1	12.5	0	0	0	0	0	0	25
	Assistive Devices	No of assistive devices procured No of beneficiaries	4.a.1	500	10	500	10	500	10	500	10	500	10	50
	Wezesha PWDs Fund.	No of group beneficiaries empowered	5a 8.6	40	4	40	4	40	4	40	4	40	4	20
	Creation of market centre and business	No of market outlets established	4.a.1	1	1.25	1	1.25	1	1.25	1	1.25	0	0	5



	outlets in every sub-county													
	Baseline survey, profiling and documentation of PWDs and their social groups	No of PWDs registered and documented	5c	2000	3	2000	3	2000	3	2000	3	2000	3	15
	Modified/special vehicle	No of modified special vehicle	17.19.1	0	0	1	6	0	0	0	0	0	0	6
	Universal health coverage for vulnerable PWDs	No of beneficiaries	3.8	500	3	650	4	650	4	500	3	500	3	15
	Promotion of Para sport	No of para events cond	4.a.1	3	4.5	3	4.5	3	4.5	3	4.5	3	4.5	22.5
	Capacity building on diversification of livelihood to mitigate effects	No of groups trained,	17.9	2	2.5	3	3.5	5	4.5	3	2.5	2	2.5	7.5
<b>Youth Affairs</b>	Youth ICT and talent development hub	No of hubs established	4.a.1	1	12.5	1	12.5	1	12.5	1	12.5	0	0	50
	Wezesha vijana program	No of youth groups empowered	5a 8.6	50	6	50	6	50	6	50	6	50	6	30
	Capacity Building	No of people trained	4.3 17.9	200	2	200	2	200	2	200	2	200	2	10
	Baseline survey, profiling and documentation of youths and their social groups	No of youths registered and documented	5c	2000	3	2000	3	2000	3	2000	3	2000	3	15
<b>Gender Affairs</b>	Gender based violence center	Construction of a fully equipped GBVC center	5.1 5.2	0.5	12.5	0.5	12.5	0.5	12.5	0.5	12.5	0	0	50

	Wezesha women's programs	No of groups empowered	5a 8.6	50	10	50	10	50	10	50	10	50	10	50
	Capacity Building for women in various life aspects	No of people trained	17.9	200	2	200	2	200	2	200	2	200	2	10
	Universal Health Coverage for the elderly and vulnerable	No of beneficiaries	3.8	500	3	500	3	500	3	500	3	500	3	15

### Transformative Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KShs)	Source of Funds	Lead Agency
Gender based violence center	Kerugoya	Activism against gender violence To create a safe environment for gender based violence victims	Bench marking of a site Equipping Construction of the center Providing of personnel	i. Create a safe environment for the gender based violence victims	5 years	30,000,000	CGK	Directorate of Gender
Sub county ICT hubs	County	To equip the youths with ICT skills To help youths deviate from unproductive activities e.g. drug and substance abuse	Trainings of Training of trainers	i. Digitalize the young generation ii. Eradication of poverty iii. Employment creation	5 years	70,000,000	CGK	Directorate of Youths

### Cross-Departmental impacts GENDER AND YOUTH

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
Youth empowerment	Sports	Trainings and capacity building		Timely arrangement between both e departments

#### 4.1.9 Sports, Culture and Social Services

The department comprises of the following directorates; Sports, culture, alcoholic drinks control and social services.

#### Vision

To be a dynamic, youth oriented, social welfare and policy driven department

#### Mission

To coordinate and facilitate the delivery of quality development services with special emphasis on the enhancement of youth and sports for recreation and development.

#### Department Goals

- a) Improve of sporting Activities
- b) Nurture and tap talent
- c) Promotes and preserve cultural site and activities
- d) Control and monitoring the sale of alcoholic and drug abuse in the county
- e) Creating a conducive environment for the children

#### Department Priorities and Strategies:

Department Priorities	Strategies
a) Improve of sporting Activities	<ol style="list-style-type: none"> <li><i>i.</i> Tapping and nurturing of talents among our youth through tournaments and leagues</li> <li><i>ii.</i> Purchase of sport uniforms and equipment</li> <li><i>iii.</i> Rehabilitation of stadia</li> <li><i>iv.</i> Training of coaches and referees</li> <li><i>v.</i> Develop department policies</li> </ol>
b) Control and monitoring the sale of alcoholic and drug abuse in the county	<ol style="list-style-type: none"> <li><i>i.</i> Inspection of liquor outlet in the county</li> <li><i>ii.</i> Licensing the approved liquor outlet</li> <li><i>iii.</i> Issuance of liquor license</li> </ol>
c) Identify, promote and preserve	<ol style="list-style-type: none"> <li><i>i.</i> Provision of offices at the site.</li> </ol>

cultural site and activities	<i>ii.</i> Beautification of the cultural sites
d) Secure safe and a conducive environment for the children	<i>i.</i> Construction of perimeter wall <i>ii.</i> Installation of hot water solar system <i>iii.</i> Disposal of hazardous Asbestos <i>iv.</i> Renovation and Completion of Manager in KCH

## Department Programmes and Flagship Projects

### Department Programmes

**Table 4.14 Department Programs-Sports, Culture and Social Services**

Programme Name: Preservation and promotion of cultural heritage														
Objective: To preserve and promote cultural heritage														
Outcome: Improved social welfare														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Preservation and promotion of cultural heritage	Established cultural Centre	Number of cultural centres established	SDGs 4.8	1	50									50
	Documented and preserved cultural sites	Number of documented and preserved cultural sites	SDGs 4.6.11.15	6	4	6	4	6	4	6	4	6	4	20
	Preserved cultural items and artifacts	Number of artifacts preserved	SDGs 4.11	1	3									3
Support home craft industries	Trained personnel	Number of women trained	SDG 1.3.4.5	500	3	500	3	500	3	500	3	500	3	15
		Number of men trained	SDG 1.3.4.5	500	3	500	3	500	3	500	3	500	3	15
	Market linkages	Number of markets linked	SDG 1.3.5.8	3	0.5	3	0.5	3	0.5	3	0.5	3	0.5	2.5
	Tools of work provided	Number of tools provided	SDG 1.3.5.8	200	20	200	20	200	20	200	20	200	20	100

<b>Programme Name:</b> Development of sports and sporting facilities														
<b>Objective:</b> To Promote and develop sport talents														
<b>Outcome:</b> Improved sporting standards through training and improvement of sports infrastructure														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Development of sports and sporting facilities	Improved stadia	Number of improved stadia	SDGs 3.4.5.6	1	30	1	15	1	5	1	8	1	7	65
	Sports equipment and uniforms purchased and issued to various clubs	Number of clubs issued with uniforms	SDGs 3.4.5	50	10	50	10	50	10	50	10	50	10	50
	Well-coordinated sports tournaments	No. of championships held	SDGs 3.4.5.16	1	10	1	10	1	10	1	10	1	10	50
	Trained personnel	No of coaches, officials and referees and staff trained	SDGs 3.4.5.8	50	1	50	1	50	1	50	1	50	1	5
climate change marathon	Marathon held	Number of marathon held	SDG 1.2.3.5	1	10	1	10	1	10	1	10	1	10	50

<b>Programme Name:</b> Children services														
<b>Objective:</b> To provide safe environment, care and protection for needy children														
<b>Outcome:</b> Improved care and better living standards														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Child rehabilitation and custody	Children rehabilitated and re-integrated	Number of children rehabilitated and re-integrated	SDGs 2.3.5.6	5	0.2	5	0.2	5	0.2	5	0.2	5	0.2	1
Feeding programme	Children fed	Number of children fed	SDG1.2.3.5.6	43	4	43	4	43	4	43	4	43	4	20
Purchase of linen and clothing	Linen and clothes purchased	Number of linen and clothes purchased	SDG3.4.5	43	2	43	2	43	2	43	2	43	2	10

<b>Programme Name:</b> Control and campaign against drug and substance abuse														
<b>Objective:</b> To control and minimize alcohol and substance use														
<b>Outcome:</b> Well informed community about alcohol, drug and substance usage														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (KSh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Training on alcohol, drug and substance use	Well trained communities	Number of women trained	SDG 3.4.5.12	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	2.5
		Number of men trained	SDG 3.4.5.12	100	0.5	100	0.5	100	0.5	100	0.5	100	0.5	2.5
Campaign and advocacy against alcohol, drug and substances use	Well sensitized community	Number of campaigns held	SDG 3.12	20	0.5	20	0.5	20	0.5	20	0.5	20	0.5	2.5
Rehabilitation of addicts	Reformed addict	Number of addicts	SDG 1.3.5.8.12	50	0.4	100	0.6	200	0.8	250	1	300	1	4

		rehabilitated												
Inspection of alcohol outlets	Controlled consumption rate and sales	Number of outlets inspected, approved and differed	SDG 3.6.12	2,200	1.2	2,200	1.2	2,200	1.2	2,200	1.2	2,200	1.2	6
Review of Kirinyaga County alcoholic drinks control 2014 act	Reviewed Act	Number sections discussed and amended	SDG 12	1	0.8									0.8

### Transformative Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh.)	Source of Funds	Lead Agency
Constructing and equipping talent academy	Mutithi ward	To tap and nurture talents	<ul style="list-style-type: none"> <li>Construction of a modern library</li> <li>Construction of a modern studio and a theatre</li> <li>Construction and installation of a modern gym</li> <li>Construction of ablution block</li> <li>Construction of dormitories</li> <li>Construction of offices and changing rooms</li> <li>Electrification</li> <li>Installation of water systems</li> </ul>	<ul style="list-style-type: none"> <li>Construction of a modern library</li> <li>Construction of a modern studio and a theatre</li> <li>Construction and installation of a modern gym</li> <li>Construction of ablution block</li> <li>Construction of dormitories</li> <li>Construction of offices and changing rooms</li> <li>Electrification</li> <li>Installation of water systems</li> </ul>	2022-2027	100,000,000	<ul style="list-style-type: none"> <li>County government</li> <li>Donors</li> <li>Private public partnership</li> </ul>	Sports, culture and social service.





## Cross-Departmental Implementation Considerations

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse impact	
Preservation and promotion of cultural heritage	Tourism	Development of tourism circuit	Low expertise Poor road network	Employ proper expertise for tourism development Improve on infrastructure

#### 4.1.10 County Executive

##### Development Priorities and Strategies

The development priorities, programmes and projects have been linked to the Kenya Vision 2030, Medium Term Plans IV, Sustainable Development Goals (SDGs) and County Sessional Paper 2032 “Mountain cities Blueprint 2032”

##### Department composition

This department comprises of the following sub-departments

- a) Office of the Governor & Deputy Governor
- b) Administration affairs
- c) Human Resource Management
- d) Enforcement
- e) County Public Service Board
- f) Records & Archive management
- g) Information Communication & Technology
- h) Communication
- i) Governor’s Delivery Unit
- j) Directorate of legal services

**Department Goal(s):** To create a conducive environment for effective and efficient service delivery

##### Department Priorities and Strategies

Priorities	Strategies
Keep operations and county services running smoothly	<ol style="list-style-type: none"><li>i. Automation of services</li><li>ii. Training of employees</li><li>iii. Motivation of employees</li><li>iv. Adequate allocation of resources</li></ol>
Efficiently and effectively manage county projects and programs	<ol style="list-style-type: none"><li>i. Automation of projects management</li><li>ii. Regular visits and reviews of the programs/projects</li><li>iii. Dedicated workers tasked with Projects /Program monitoring and evaluation</li></ol>
Ensure application of best working practices and standards in the county	<ol style="list-style-type: none"><li>i. Hiring of qualified and great team members</li><li>ii. Capacity building for employees</li><li>iii. Training of employees on best practices</li><li>iv. Improve communication among employees</li></ol>



## Department Programmes

**Table 4.15 Department Programs- County Executive**

Programme Name: Administration of County Affairs														
Objective: To ensure good governance through provision of sustainable, affordable and effective customer care services														
Outcome: Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Information Communication & Technology	Internet Connectivity in county offices and Wide Area Network	Number of offices to be connected	9.c	14	2.1	13	2	13	2	0	0	0	0	6.1
	Data Centre	Number of Data Centers in the county	9.4	1	5	1	5	1	5	1	5	1	5	25
	Asset Management System	Number of Asset Management Systems	9.c	0	0	0	0	1	12.5	1	12.5	0	0	25
	Revenue Management System(Maintenance contracts)	Number of Annual Maintenance Contracts	9.c	1	2	1	2	1	2	1	2	1	2	10
	Hospital Management	Number of Annual	9.c	1	2	1	2	1	2	1	2	1	2	10

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	Information System(Maintenance Contracts)	Maintenance Contracts												
	Active Directory and SharePoint	Number of Active directories	9.4	1	12.5	1	12.5	0	0	0	0	0	0	25
	Project/Performance Management System	Number of PPMS systems	9.c	1	2	1	2	1	2	1	2	1	2	10
Enforcement & Compliance	Purchase and branding of motor vehicles	No of vehicles procured & branded	8.8	2	16	2	16	0	0	0	0	0	0	32
	Purchase of uniforms both working and ceremonial	No of uniforms procured	8.8	100	5	0	0	100	5	0	0	100	5	15
	Recruitment and inspectorate basic training	No of staffs recruited	4.3	50	16.5	0	0	50	16.5	0	0	0	0	33
	Training and skills development	No of staffs trained	4.3	100	2	100	2	100	2	100	2	100	2	10

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
		Certificates offered												
	Enactment of the inspectorate bill	No of bills enacted	16.3	1	5	0	0	0	0	0	0	0	0	5
	Building of Sub-county offices	No of Sub-county offices constructed	8.8	0	0	1	5	1	5	1	5	0	0	15
	Renovation of Kerugoya enforcement office(Impounding office)	Renovated enforcement office	8.8	1	3	0	0	0	0	0	0	0	0	3
Records & Archives Management	Renovation & equipping of County records archives	No of county record archives equipped & renovated	9.4	1	2	1	1	1	1	1	1	0	0	5
	Digitization automation of records	No of county records	9.c	1	2	1	1	1	1	1	1	0	0	5

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	county records	digitized												
	Records appraisal & disposal	No of records appraised & disposed		1	2	1	2	1	1	0	0	0	0	5
	Storage equipment	No of storage equipment procured & installed	8.8	10	1.5	10	1.5	10	1.5	10	1.5	10	1.5	7.5
	Training & skills development	No of staffs trained	4.3	15	1.2	15	1.2	15	1.2	15	1.2	15	1.2	6
	Recruitment	No of staffs recruited	8.5	6	6	0	0	0	0	0	0	0	0	6
Administration	Canteen and Kiosk construction within HQ	Construction of one canteen  Construction of one Kiosk	2.1	0.5	7.5	0.5	7.5	0	0	0	0	0	0	15
	Capacity Building	No of staffs trained	4.3	4	1	4	1	4	1	4	1	4	1	5



<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	Security Surveillance	No of additional equipment	16.4	2	1.5	0	0	0	0	0	0	0	0	1.5
	In-house ICT Workshop and Maintenance room	No. Of workshops	9.c	1	2	1	2	1	2	1	2	1	2	10
	UPS for Governor's Residence	No. of UPS	3.9	1	3	0	0	0	0	0	0	0	0	3
	Staff Mini-bus	No. of buses to be procured	3.9	1	10	0	0	0	0	0	0	0	0	10
	Water Purification plant	No. of Plants	6.1	0	0	0	0	1	3	0	0	0	0	3
	Maintenance of HQ and Governor's Residence	No. of Buildings to be maintained	11.1	2	4	2	4	2	4	2	4	2	4	20
Communication	Purchase of movement Vehicle	No of vehicles purchased	8.8	0	0	1	5	1	5	0	0	0	0	10
	Recruitment	No of recruited	8.5	0	0	2	1.7	0	0	0	0	0	0	1.7

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	of staffs	staffs												
	Purchase of Communication gadgets	No of communication gadgets procured	8.8	16	2	0	0	0	0	0	0	0	0	2
	Capacity Building	No of staffs trained	4.3	13	1.3	13	1.3	13	1.3	13	1.3	13	1.3	6.5
Governor's Delivery Unit(GDU)	Purchase of GDU movement Vehicle	No. of Vehicles	8.8	1	5	0	0	0	0	0	0	0	0	5
	Purchase of ICT Equipment	No of Equipment	9.c	7	1.8	0	0	0	0	0	0	0	0	1.8
	Recruitment of additional staff	No. of staff	8.5	4	3.4	0	0	0	0	0	0	0	0	3.4
	Capacity Building	No. of staff to be trained	4.3	6	1.2	6	1.2	6	1.2	6	1.2	6	1.2	6
Human Resource	Human Resource Staff Planning	No of staffing plans	8.5	2	1	0	0	0	0	0	0	0	0	1

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
Management														
	Improvement of Work Environment	Number of staff	10.3	300	5	300	5	300	5	300	5	300	5	25
	Human Resource Development Policy	Number of HRD Policy	4.3	1	0.3	0	0	0	0	0	0	0	0	0.3
	Capacity Building	Number of staff	4.3	300	10	300	10	300	10	300	10	300	10	50
	Acquisition of ICT equipment for roll up of a unified human resource	Number of equipment	9.c	9	1.5	9	1.5	0	0	0	0	0	0	3
	Furnishing of Human Resource Office	Number of furniture	8.8	7	5	0	0	0	0	0	0	0	0	5
	Performance Management	Number of staff	10.3	2400	3	2400	3	2400	3	2400	3	2400	3	15
Office of the County Attorney	Purchase of ICT equipment and software (4	Number of equipment	9.c	4	2	0	0	0	0	0	0	0	0	2

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	computers, all-in-one printer/scanner)													
	Recruitment of staff	No. of Staff recruited	8.5	2	4.6	2	4.6	2	4.6	2	4.6	2	4.6	23
	Legislation of County Laws	No. of County legislation drafted	16.3	3	0.03	3	0.03	3	0.03	3	0.03	3	0.03	0.15
	Revision of laws	No. of County legislation revised	16.3	3	0.03	3	0.03	3	0.03	3	0.03	3	0.03	0.15
	Rendering legal opinions and advice to County Departments	No. of legal opinions rendered	16.3	4	0	4	0	4	0	4	0	4	0	0
	Access to legal	% reduction of	16.10	5	0.05	5	0.05	5	0.05	5	0.05	5	0.05	0.25

<b>Programme Name:</b> Administration of County Affairs														
<b>Objective:</b> To ensure good governance through provision of sustainable, affordable and effective customer care services														
<b>Outcome:</b> Efficient and effective service delivery														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG Targets*	Planned Targets and Indicative Budget (KSh. M)										Total Budget (Ksh. M)*
				Year 1		Year 2		Year 3		Year 4		Year 5		
				Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	
	information (purchase of reading material at Kenya law or other relevant places)	cases against the County												
	Representation of the County by external advocates	No. Of concluded cases	16.3	1	70	1	70	1	70	1	70	1	70	350
	Training on Alternative Dispute Resolution	3	1	1	1	1	1	1	0	0	0	0	0	3

### Transformative Projects

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (Ksh)	Source of Funds	Lead Agency
Internet Connectivity and Wide Area	All wards	Provision of internet in county	-Procurement	Faster and efficient access to the	3 years	10M	CGK	ICT

Network		offices.		internet				
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### Cross-Departmental impacts

Programme Name	Linked Department(s)	Cross-Department Impact		Measures to Harness or Mitigate the Impact
		Synergies*	Adverse Impact	
Information Communication & Technology	Lands & Urban Planning	Prioritize fiber optic connection through County spatial plan	Pulling down of structures on road Reserve where fiber cable will pass through	Compensation of the affected infrastructure

#### 4.1.11 Finance and Economic Planning

This department comprises of the following directorates; Accounting Services, Revenue services, procurement services, Budget Formulation, Coordination and Management, internal audit services, Economic Planning services.

The department is mandated to prepare county plans and budgets, ensure smooth procurement and payment process, resource mobilization through revenue collection, monitoring and evaluation of county programs.

**Department Goal(s):** To ensure efficiency, prudence in resource allocation and utilization

#### Department Priorities and Strategies

Priorities	Strategies
Revenue Mobilization	i. Automation of revenue services
Ensure Accountability in implementation of county budgets	i. Automation of projects management systems ii. Clearly defined monitoring and evaluation systems.
Capacity building towards skills advancement and increased productivity	i. Capacity building programs for employees

## Department Programmes

**Table 4.16 Department Programs- Finance and Economic Planning**

Programme Name: Public Finance Management														
Objective: To promote prudent utilization of public resources														
Outcome: Improved Transparency and Accountability in management of public finances														
Sub Programme	Key Output	Key Performance	Linkages to SDG	Planned Targets and Indicative Budget (KSh. M)										Total Budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
		Indicators	Targets*	Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	(KSh. M)*
Budget Formulation, Coordination and Management	Timely preparation and submission of County Budgets.	No. Of budgets prepared		1	4	1	4	1	4	1	4	1	4	20
	Timely preparation of quarterly budget implementation reports	No. of quarterly reports prepared		4	0.5	4	0.5	4	0.5	4	0.5	4	0.5	2.5
	Timely preparation and submission of County Budget and Review Outlook Paper	No. of CBROPs prepared		1	0.5	1	0.5	1	0.5	1	0.5	1	0.5	2.5
	Timely preparation and submission of County Fiscal Strategy Paper	No. of CFSPs prepared		1	3	1	3	1	3	1	3	1	3	15
	Training and Capacity Building to officers	No of Officers trained		5	1	5	1	5	1	5	1	5	1	5
Internal audit services	Preparation of quarterly and annual audit reports	No of quarterly and annual audit reports prepared		4	1.5	4	1.5	4	1.5	4	1.5	4	1.5	7.5
	Training and Capacity Building to officers	No of Officers trained		5	1	5	1	5	1	5	1	5	1	5
Accounting	implementation of	% compliance to		100%	6	100%	6	100%	6	100%	6	100%	6	30



<b>Programme Name:</b> Public Finance Management														
<b>Objective:</b> To promote prudent utilization of public resources														
<b>Outcome:</b> Improved Transparency and Accountability in management of public finances														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG	Planned Targets and Indicative Budget (KSh. M)										Total Budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
			Targets*	Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	(KSh. M)*
Services	Service Charter on Accounting Services	Service Charter on Accounting Services												
	Training and Capacity Building to officers	No of Officers trained		15	3	15	3	15	3	15	3	15	3	15
Procurement Services	implementation of Service Charter on Procurement Services	% compliance to Service Charter on Procurement Services		100%	10	100%	10	100%	10	100%	10	100%	10	50
	Training and Capacity Building to officers	No of Officers trained		15	3	15	3	15	3	15	3	15	3	15
Revenue Services	Own Source Revenue and other revenue mobilization	% of annual targeted Own Source revenue achieved		100%	20	100%	20	100%	20	100%	20	100%	20	100
	Revenue Management System rolling out and Capacity Building	% of Own Source Revenue Collected using RMS		100%	30	-	-	-	-	-	-	-	-	30
Economic Planning Services	Timely preparation and submission of County Planning Policies	Mid-term Review of County Integrated Development Plan (2023-27)		-	-	-	-	1	10	-	-	-	-	10
		Annual Development plans prepared		1	2	1	2	1	2	1	2	1	2	10
	Ensuring Efficiency in	Preparation of		4	2	4	2	4	2	4	2	4	2	10

<b>Programme Name:</b> Public Finance Management														
<b>Objective:</b> To promote prudent utilization of public resources														
<b>Outcome:</b> Improved Transparency and Accountability in management of public finances														
Sub Programme	Key Output	Key Performance Indicators	Linkages to SDG	Planned Targets and Indicative Budget (KSh. M)										Total Budget
				Year 1		Year 2		Year 3		Year 4		Year 5		
			Targets*	Target	Cost	Target	Cost	Target	Cost	Target	Cost	Target	Cost	(KSh. M)*
	resources utilization through M&E	Quarterly Monitoring Reports												
	Ensuring evidence Based planning through collection and publication of county data	County Statistical Abstracts Prepared and published		1	10			1	10			1	10	30
	Training and Capacity Building to officers	No of Officers trained		10	2	10	2	10	2	10	2	10	2	10

## **4.2 CIDP Linkages with National Development Agenda, Regional and International Development Frameworks**

### **4.2.1 Linkage of the CIDP with the Kenya Vision 2030**

The Kenya Vision 2030 is the National Policy Economic Blueprint that entrenches Kenya Vision 2030 as the long term development strategy. The Vision aims to transform Kenya into a modern, globally competitive, middle income country providing a high quality of life to all its citizens. The Vision is anchored on three key pillars:

#### **Economic Pillar**

The key sectors in economic pillar include: tourism, agriculture and livestock, manufacturing, wholesale and retail trade, Business Process Outsourcing (BPO), financial services, oil and mineral resources. The county, through Wezesha Program will contribute towards achievement of objectives of this pillar by: Continuing with improving value chains in the agricultural sector which includes dairy, poultry, tomato, avocado, bee keeping, pig farming. Developing aquaculture, Coffee revitalization program. All these programs aims at increasing household's income and foster economic growth in the county. Investing in industrialization to create employment to the youth through partnership with other stakeholders, the county plans to facilitate setting up of industrial park centres at Sagana.

#### **Social Pillar**

Kenya's journey towards widespread prosperity also involves the building of a just and cohesive society that enjoys equitable social development in a clean and secure environment. This quest is the basis of transformation in eight key social sectors, namely: Education and Training; Health; Water and Sanitation; the Environment; Housing and Urbanization; as well as in Gender, Youth, Sports and Culture. It also makes special provisions for Kenyans with various disabilities and previously marginalized communities.

To continuously improve health care services in the county, major programs will continue to be implemented in the health sector. To ensure access to specialized care locally, the county is in the final stages of completing and opening Kirinyaga County Referral Hospital. Other improvements in the health sector includes continuous implementation of preventive and

promotive programs. Other infrastructural developments seeks to ensure access to health services at local level by construction of health centres and dispensaries in Kirinyaga rural areas. In education, Kirinyaga County to ensure continuous investment in education by supporting ECDE and VTCs. This support will include providing learning instructors and teachers, infrastructural developments to improve quality of services offered. In water and sanitation, county will continue investing in solid waste management, support water projects to install infrastructure, advocating for climate mitigation and adaptation practices across all sectors. In partnership with National Government, work closely towards achieving affordable housing. Through Wezesha Program, continue empowering women and youth through employment creating initiatives.

### **Political Pillar**

The people of Kenya have made remarkable gains in building a democratic society that respects individual liberties, freedom of speech, association and worship, and the rule of law. Through their elected representatives, they have introduced legislation to improve national governance, to promote the effectiveness and efficiency of public services, and to make the judiciary more transparent and accountable.

The County will continue to promote these virtues of adherence to the rule of law, promote effectiveness and efficiency of the public service.

#### **4.2.2 Linkage of the CIDP with the Medium Term Plans**

The Kenya Vision 2030 is implemented through successive five year Medium Term Plans. The National Government is in the process of developing Medium Term Four which gives attention to; achievement sustained economic growth; address income inequality; empower youth, women and persons with disabilities; and revitalize all sectors of the economy to generate employment opportunities. Kirinyaga County has aligned this CIDP to focus on these areas. Through the areas highlighted, this CIDP is aligned to Medium Term Plan Four.

#### **4.2.3 CIDP Linkages to Sustainable Development Goals (SDGs)**

Prior to the lapse of the Millennium Development Goals (MDGs), negotiations on the Post-2015 Development Agenda began in January 2015 and ended in August 2015. A final document was

adopted at the UN Sustainable Development Summit in September 2015 in New York, USA. The 17 new goals that were adapted were referred to as the “Sustainable Development Goals. These SDGs include to end poverty in all its forms everywhere; to end hunger, achieve food security and improved nutrition and promote sustainable agriculture; to ensure healthy lives and promote well-being for all at all ages; to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all; to achieve gender equality and empower all women and girls; to ensure availability and sustainable management of water and sanitation for all; to ensure access to affordable, reliable, sustainable and modern energy for all; to promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all; to build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation; to reduce inequality within and among countries; to make cities and human settlements inclusive, safe, resilient and sustainable; to ensure sustainable consumption and production patterns; to take urgent action to combat climate change and its impacts; to conserve and sustainably use the oceans, seas and marine resources for sustainable development; to protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss; to promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels and to strengthen the means of implementation and revitalize the global partnership for sustainable development. It is important to note that the SDGs build on the principles agreed upon in resolution A/RES/66/288, entitled "the future we want"

In this CIDP, all the identified programs in Chapter Four has been linked to the 17 Sustainable Development Goals

## 5 CHAPTER FIVE: IMPLEMENTATION FRAMEWORK

### 5.1 Overview

Chapter five outlines the institutional framework and organizational flow that will be followed in implementing the plan. It not only outlines the institutional framework that will oversee the implementation of the Sessional Paper 2032 – Mountain Cities Blueprint 2032, but it also highlights the stakeholders in the county, the roles that they play and how their functions will be accommodated to avoid duplication of efforts as such enhancing separation of duties.

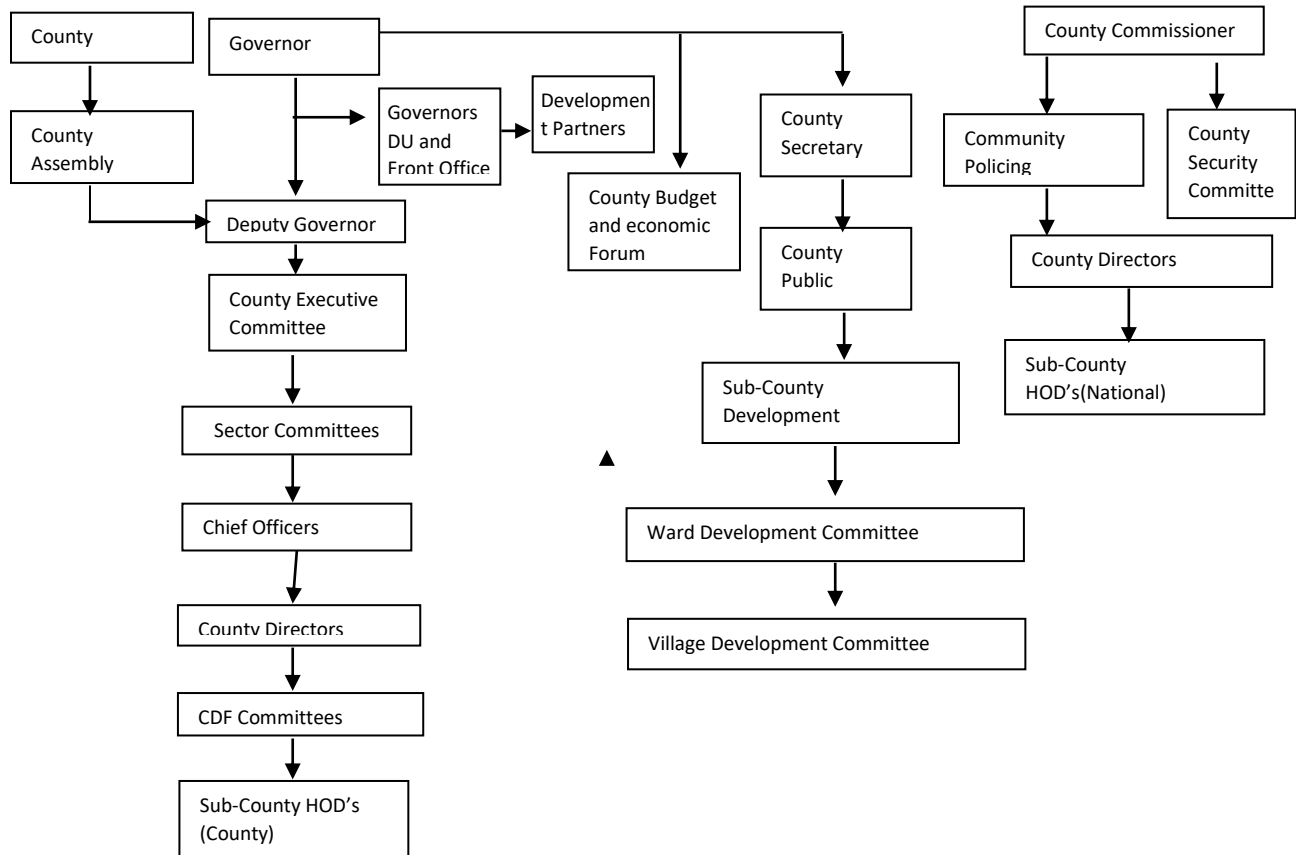
### 5.2 Institutional Framework

**Table 5.1 Institutional Framework**

S/No.	Institution	Role in Implementation of the CIDP
1.	County Executive Committee	Policy formulation and implementation of the CIDP.
2.	County Assembly	perform the legislative functions within the county including approval of county laws, policies, budgets and expenditures, integrated development plans, tariffs, rates and service charges
3.	County Government Departments	These are the implementing agencies responsible for technical
4.	County Planning Unit	Overall planning coordination in the county, monitoring and evaluation
5.	Office of the County Commissioner	Overall Coordination on matters related to National Government functions
6.	National Planning Office at the county	Capacity Building and Backstopping to county planning unit on matters related to planning, Monitoring and education.
7.	Other National Government Departments and Agencies at the county	Implementing agencies on Functions related to National Government
8.	Development Partners	Collaborating with the County and National Governments in implementation of programs and projects
9.	Civil Society Organizations	Contributing to needs identification, providing civic education to citizens
10.	Private Sector	Collaborating with the County and National Governments in implementation of programs and projects

### 5.2.1 Organization flow chart

The Constitution 2010 read together with the County Government Act of 2012 outline the basic organizational chart for the county government. As such, the organization flow chart shown herein under is informed by the two laws, which laws sought to achieve timely and efficient implementation of the county policies, projects and programmes thus avoiding duplication of roles and functions. Below is a summary of the organizational flow chart



**Figure 5.1 Organization Flow Chart**

### 5.2.2 Kirinyaga County Executive Committee

The executive authority of the county is vested in and exercised by the County Executive Committee (CEC). The CEC comprises of the Governor as the chairperson, Deputy Governor, County Secretary and nine CEC members appointed by the Governor with the approval of The County Assembly (CA). The main roles of the CEC are to implement county legislation, implement within the county national legislation to the extent that the legislation requires, manage and coordinate the county administration and its departments. In addition the CEC

may prepare proposed legislation for consideration by the county assembly as well as provide the county assembly with full and regular reports on matters relating to the county.

CEC members will be the policy makers as well as coordinate the implementation of development projects and programmes that fall within the jurisdiction of the county. The sectors that will spearhead the development agenda in Kirinyaga County are:

### **5.2.3 Kirinyaga County Assembly**

The County Assembly (CA) is an independent arm of Kirinyaga County Government that consists of 20 democratically elected Members of County Assembly (MCA's) from each of the 20 Wards in the county, 14 nominated MCA's and the County Assembly Speaker who is an ex-officio member. The major roles of the CA are; perform the legislative functions within the county including approval of county laws, policies, budgets and expenditures, integrated development plans, tariffs, rates and service charges. The CA further considers and scrutinizes reports received from the County Executive, approves county borrowing, ensures community and stakeholder participation as well as playing an oversight role of the County Executive.

The CA will therefore play an important role in ensuring that the objects and principles of devolved government as enshrined in the constitution are achieved through promotion of democratic and accountable exercise of power, protection and promotion of the interests of minorities, ensuring equitable sharing of resources throughout the county and enhancing checks and balances and the separation of powers. In the implementation of the CIDP the CA will be responsible for approving the policies that are aimed at developing the county, hence their role is of critical importance.

### **5.2.4 Kirinyaga County Budget and Economic Forum**

The County Budget and Economic Forum (CBEF) comprises the Governor as the chairperson, other members of the CEC, a number of representatives not being public officers equal to the number of executive committee members appointed by the Governor. These persons are nominated by organizations representing professionals, business, labour issues, women, persons with disabilities, the elderly and faith based groups at the county level.



The purpose of CBEF is to provide a means for consultation by the county government on preparation of county plans, the county fiscal strategy paper and the budget review and outlook paper for the county. It also provides a means of consultation on matters relating to budgeting, the economy and financial management at the county level.

#### **5.2.5 County Public Service Board**

The county public service board (CPSB) is a body corporate with perpetual succession and a seal and comprises of a chairperson nominated and appointed by the Governor with approval of the CA, not less than three but not more than five other members appointed by the Governor with the approval of the CA and a certified public secretary.

The roles of the CPSB will include establishment and abolition of offices in the county public service, appointment of county public servants including in boards of cities and urban areas within the county, confirmation of county appointments, exercising disciplinary control over and removal of persons holding or acting in county public service as well as prepare regular reports for submission to the CA on the execution of the functions of the board. The board will also be expected to provide for human resource management and career development practices, address staff shortage and barriers to staff morbidity between counties, facilitate the development of coherent, integrated human resource planning and budgeting for personnel emoluments in counties.

The Board is also expected to offer advice to the county government on implementing and monitoring of the national performance management system in the county as well advising the county government on human resource management and development. The board can also make recommendations to the Salaries and Remuneration Commission (SRC) on behalf of the county government on the remunerations, pensions, and gratuities for county public service employees.

#### **5.2.6 County Chief Officers**

County Chief Officers (CCO) are officers appointed by the Governor from qualified experienced individuals through nomination by the County Public Service Board and the approval of the CA.

CCO's are officers responsible to the respective CEC member for the administration of a county department and will be the authorizing and accounting officer in their respective sectors.

**5.2.7 County Directors and Sub-County Heads of Departments**

County directors and sub-county heads of departments will consist of civil servants both from the county government as required by the county executive and the national government as may be required by the national executive. These officers will offer technical assistance and will be directly responsible for implementation of the policies of the executive. They will be required to work with mutual respect and consultations for the achievement of the development agenda in their respective departments.

### 5.3 Resource Mobilization and Management Framework

#### 5.3.1 Resource Requirements by Sector

#### Summary of Sector Financial Resource Requirements

Table 5.2 Summary of Sector Financial Resource Requirement

Sector/Department Name	Resource Requirement (Ksh. Million)						% of total budget requirements
	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27	FY 2027/28	Total	
County Assembly	38	35	33	31	39	176	0.3%
County Executive	242	173	168	165	160	908	1.7%
Finance and Economic Planning	99	60	80	70	70	379	0.7%
Agriculture, Livestock, Veterinary and Fisheries	1,210	1,510	790	1,253	765	5,528	10.1%
Environment, Water and Natural Resources	942	253	260	267	278	2,000	3.7%
Education and Public Service	202	169	138	85	82	676	1.2%
County Health Services	1,872	2,051	1,431	1,573	1,665	8,592	15.7%
Lands, Housing and Urban Development	1,187	1,645	1,598	1,288	1,033	6,751	12.3%
Transport and Infrastructure	7,009	5,150	5,561	4,879	5,452	27,251	49.8%
Trade, Co-operatives, Tourism Industrialization and Enterprise Development	166	111	124	146	146	693	1.3%
Gender and Youth	241	148	155	160	175	879	1.6%
Sports, Culture, Children and Social Services	251	153	155	157	160	876	1.6%
<b>Total</b>	<b>13,459</b>	<b>11,458</b>	<b>10,493</b>	<b>10,074</b>	<b>10,025</b>	<b>54,709</b>	

### 5.3.2 Revenue Projections

**Table 5.3 Revenue Projections**

Revenue Projections (Kshs Million)							
Type of Revenue	Base year 2022/23	FY 2023/24	FY 2024/25	FY 2025/26	FY 2026/27	FY 2027/28	Total
Equitable share	5,196.2	5,196.2	5,196.2	5,196.2	5,196.2	5,196.2	25,980.9
Conditional Allocations from National Government Revenue	-	-	-	-	-	-	-
Conditional Allocations Financed by proceeds of loans and grants from Development Partners	362.9	362.9	362.9	362.9	362.9	362.9	1,814.4
Own Source Revenue	0.6	0.6	0.6	0.6	0.6	0.6	2.8
Public Private Partnership (PPP)		100.0	100.0	100.0	-	-	300.0
National Government Agencies implementing projects at County Level		4,379.0	4,497.0	4,512.0	4,205.0	4,387.0	21,980.0
<b>Total</b>	<b>5,559.6</b>	<b>10,038.6</b>	<b>10,156.6</b>	<b>10,171.6</b>	<b>9,764.6</b>	<b>9,946.6</b>	<b>50,078.0</b>

### 5.3.3 Estimated Resource Gap

**Table 5.4 Estimated Resource Gap**

Estimated Resource Gap(Ksh Million)			
FY	Requirement (Ksh. Mn)	Estimated Revenue (Ksh. Mn)	Variance (Ksh. Mn)
2023/24	13,459	10,039	(3,420)
2024/25	11,458	10,157	(1,301)
2025/26	10,493	10,172	(321)
2026/27	10,074	9,765	(309)
2027/28	10,025	9,947	(78)
<b>Total</b>			<b>(5,431)</b>

#### **5.3.4 Resource Mobilization and Management Strategies**

The county will seek to explore revenue mobilization strategies to ensure implementation of this plan. Amongst the measures with potential for resources mobilization includes;

Cooperation within the county and across the region to achieve jointly established priorities will help leverage the assets that each can bring to the table.

Making it easier for interested businesses and developers to invest in the community in ways that support the community's long-term priorities.

Strengthening collaboration with national government departments in jointly undertaking capital projects.

Attracting investors to undertake capital intensive projects through Public Private Partnerships.

Improving efficiency in collection of Own Source Revenue; Automation of collection, expanding revenue bases e.g. parking fees in urban areas; increase enforcement in collection of cess on agricultural produce; Carrying out valuation roll in the urban centres which will enhance land rates collection upon completion of valuation roll.

Development of tourist sites such as God's Bridge, Mau Mau-caves in Mt. Kenya, tourist information centres at the three entry point into the county, Kamweti Climbing Lane to create employment and consequently revenue from business premises.

Pursue borrowing in accordance with provisions of the law to finance capital projects

#### **5.4 Asset Management**

The county treasury is tasked with management of all county government assets and liabilities. The County treasury will therefore ensure to keep an updated Asset register at all times. The County Treasury will continue to take lead in ensuring prudence in management of public finances and economic policy at county government that includes developing and implementing financial and economic policies, preparing the annual budgets, coordinating the implementation of the budget, monitoring implementation of development projects, and mobilizing resources for funding.

The county treasury will ensure compliance with laws governing public financial management systems as well as Public Procurement and Disposal Act

The County Treasury will ensure prudence in use of public funds received by the county government. This will be done through financial and performance reports as required under PFM Act, 2012.

## 5.5 Risk Management

Risk, Implication, Level and Mitigation Measures

**Table 5.5 Risk, Implication, Level and Mitigation Measures**

Risk Category	Risk	Risk Implication	Risk Level (Low, Medium, High)	Mitigation measures
Financial	Inadequate financial resources	Stalled projects	High	Resource mobilization Strategies
Climate Change	Drought	Loss of livestock and reduced crop productivity	High	Climate smart agriculture practices
Technological	Cyber security Risk	Breach of valuable information	High	Investment in cyber security risk management
Organizational	Inadequate Human Resource Capacity	Inefficiency in service delivery	Medium	Timely recruitment

## **6 CHAPTER SIX: MONITORING, EVALUATION AND LEARNING**

### **6.1 Overview**

This chapter outlines how the CIDP 2023-27 will be monitored and evaluated during and after its implementation. The M&E processes, methods and tools should be guided by Section 232 of the Constitution and all the legal provisions that provide for M&E, County M&E Policy in line with the National M&E Policy, CIMES Guidelines, Kenya Norms and Standards for M&E and Kenya Evaluation Guidelines. The chapter highlights county M&E structure; data collection, analysis, reporting and learning; M&E outcome indicators tracking; and dissemination and feedback mechanism.

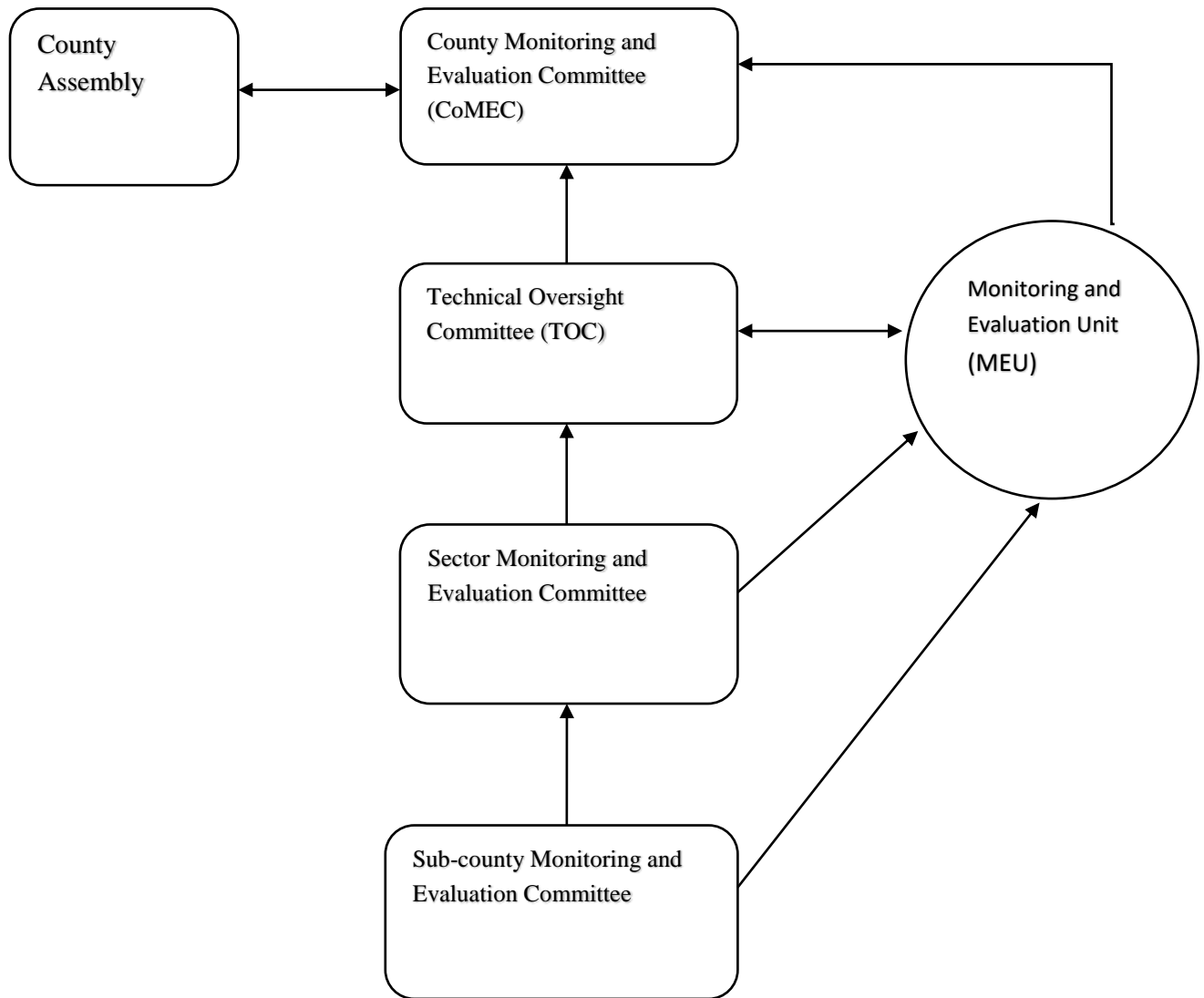
### **6.2 County Monitoring and Evaluation Structure**

Article 176 of the Constitution of Kenya 2010, established the County Governments with each government consisting of the County Executive and the County Assembly. The two arms of County government have an important role to play in the successful implementation of monitoring and evaluation. In order to understand better the role played by the two institutions and other stakeholders.

The County Government has established the necessary structures to support the M&E process for implementing the plan. The established County M&E structure consists of the County Assembly Committee responsible for Finance, Planning, and Economic Affairs, the County M&E Committee (CoMEC), County M&E Unit, M&E Technical Oversight Committee, Sector M&E Committees, Sub-County M&E Committees.

The M&E Unit is headed by the County Director of Economic Planning and supported by trained departmental M&E Focal persons. The Unit is responsible for providing strategic guidance, vision, and management for the successful monitoring and evaluation of all county programs/plans/projects and ensuring the strategic and functional integration of all M&E activities and active collaboration with other stakeholders. The Unit oversees all M&E activities, provides technical direction, and support, and ensures the accurate reporting of results for County programs/plans/projects activities

### M&E Organogram



**Figure 6.1 M&E Organogram**

The County Assembly Committee responsible for Finance, Planning and Economic Affairs is responsible for receiving county M&E reports, reviewing, and presenting them to the County Assembly for approval.

The CoMEC is charged with ensuring that the County has the quality information needed to make decisions and lead and direct county M&E initiatives and oversees overall county compliance and results of projects implementation and service delivery within the CIDP and ADP.



The M&E Technical Oversight Committee is responsible for identifying, commissioning, and managing evaluations, reviewing the M&E reports, presenting M&E reports to CoMEC, capacity building for M&E, setting the strategic direction for CIMES, approving M&E Unit work plan and advising M&E Unit on actions to be taken on various M&E issues, approving indicator reports for use by CoMEC, and endorsing M&E Unit’s reports to be presented to CoMEC.

The Sector M&E Committees (SMEC) is responsible for producing sector M&E reports, developing sector indicators, undertaking sector evaluations, and presenting sector M&E reports to the TOC.

SComEC is charged with producing sub-county M&E reports, presenting M&E reports to the TOC, and developing M&E indicators.

### Responsibilities of Stakeholders in M&E Institutional Framework

**Table 6.1 Responsibilities of Stakeholders in M&E Institutional Framework**

Stakeholder	Responsibility
<b>Legislative Arm of the County Government</b>	
County Assembly	<ul style="list-style-type: none"> <li>- Overall public oversight on all development programmes/projects</li> <li>- Approval of county development plans and budgets</li> <li>- Receiving and adopting county M&amp;E reports</li> <li>- Approval of legislative policies</li> </ul>
<b>Executive Arm of the County Government</b>	
County Executive Committee	<ul style="list-style-type: none"> <li>- Deliberates on and sets the development agenda in the county</li> <li>- Drives delivery of the CIDP projects through each ADP</li> <li>- Ensuring M&amp;E structures are established in the county</li> <li>- Promoting the role of the M&amp;E Section in advancing Results Based Management and Public service Delivery that ensures the CIDP objectives and outcomes meet the needs of the citizens.</li> <li>- Receive, review and ratify cabinet memos on M&amp;E issues.</li> <li>- Receive annual M&amp;E reports and give policy directions</li> <li>- Sharing the County’s Annual Progress Reports (APR) on the implementation of the CIDP with the County Assembly, county citizens and other stakeholders</li> </ul>

Stakeholder	Responsibility
County Chief Officers	<ul style="list-style-type: none"> <li>- Responsible for the portfolio of services, programmes and projects within a devolved function</li> <li>- Produce technical M&amp;E reports for the projects/ programmes that are under their administration</li> </ul>
Directors of Sector Departments	<ul style="list-style-type: none"> <li>- Implementation of programmes/ projects in their sectors</li> <li>- Report on progress of programmes/projects</li> </ul>
Economic Planning Department	<ul style="list-style-type: none"> <li>- Lead department in the coordination and implementation of M&amp;E policy</li> <li>- Coordinates integrated development planning within the county while ensuring linkages between CIDP, MTP,SDGs and Vision 2030</li> <li>- Formulate guidelines, standards and norms on issues relating to M&amp;E</li> <li>- Ensures meaningful engagement of citizens in the CIMES and CIDP preparation and implementation process</li> <li>- Ensures the collection, collation, storage and updating of data and information needed for the planning and M&amp;E processes</li> </ul>
Monitoring and Evaluation Unit (Under the Economic Planning Department)	<ul style="list-style-type: none"> <li>- Coordination of CIMES including its institutionalization within the county</li> <li>- Develop the overall framework of the integrated M&amp;E activities</li> <li>- Prepare work plans and detailed budgets for the M&amp;E activities</li> <li>- Provide oversight for the development of performance indicators</li> <li>- Establish contacts with national and other county M&amp;E stakeholders</li> <li>- Mobilize resources for M&amp;E activities in the county</li> <li>- Coordinate the preparation of all county M&amp;E reports; guide staff and executing partners in preparing their progress reports in accordance with approved reporting formats and ensure their timely submission.</li> <li>- Prepare the consolidated county M&amp;E reports for the CEC</li> <li>- Coordinate field visits to support implementation of M&amp;E</li> </ul>

Stakeholder	Responsibility
	<ul style="list-style-type: none"> <li>- Check the quality of data produced during field visits and identify where adaptations may be needed;</li> <li>- Follow up on the implementation of evaluation recommendations with project managers;</li> <li>- Review and provide feedback on the quality of methodologies established to collect monitoring data, and document the protocols that are in place for the collection and aggregation of this data;</li> <li>- Establish an effective system for assessing the validity of monitoring and evaluation data through a review of CIDP implementation activities and completed monitoring forms/databases.</li> <li>- Ensure availability of relevant software and ICT tools for M&amp;E</li> <li>- Maintaining the support systems that underpin reporting such as the monitoring website</li> <li>- Facilitate harmonization of M&amp;E tools and processes at all county administrative units</li> <li>- Foster participatory planning and monitoring</li> <li>- Support development of M&amp;E capacity through training mentoring and coaching.</li> <li>- Systematically capture lessons learnt from successes and failures</li> <li>- Prepare communications strategy to promote CIMES</li> </ul>
<b>The Citizenry and Non-State Actors</b>	
Citizenry	<ul style="list-style-type: none"> <li>- Demand for transparency and accountability in the running of county affairs</li> <li>- Participate in local development projects and decision making</li> <li>- Participate in M&amp;E activities in the county</li> <li>- Report on the outcome/impact of various project/programme interventions</li> </ul>
Development Partners	<ul style="list-style-type: none"> <li>- Provide technical and financial support</li> </ul>
Civil Society Organizations (NGOs, FBOs, CBOs)	<ul style="list-style-type: none"> <li>- Community mobilization for county planning and development</li> <li>- Collaborate in conducting participatory monitoring and</li> </ul>

Stakeholder	Responsibility
	evaluation

**6.3 M&E Capacity**

As mentioned in the section above, the existing M&E structure has the necessary human capacity for M&E, including County M&E Unit, and departmental/sector M&E Focal Persons. The County government has also taken steps to undertake M&E capacity-building for staff and the various M&E committees to ensure staff have a variety of skills and knowledge to run each step of the M&E system.

In addition, the County has availed resources to support monitoring activities such as laptops and associated accessories to provide the physical equipment required for M&E. The County has also allocated funds to facilitate M&E processes, with the M&E Unit providing M&E Work plan to ensure that all M&E interventions are facilitated.

To further strengthen the County M&E capacity, the M&E Unit will regularly assess the M&E capacity and devise strategies to address emerging gaps through, among others, leveraging on ongoing national government and partner-led M&E capacity building initiatives, existing partnerships, and collaborations for M&E, and mobilizing more resources for the various M&E initiatives.

## 6.4 M&E Outcome Indicators

This section presents programme outcome indicators by sector as captured in Table 17 on sector programmes in Chapter Four.

**Table 6.2 M&E Outcome Indicators**

Department	Programme	Outcome	Outcome Indicator (s)	Baseline*		Mid Term Target	End Term Target	Reporting Responsibility
				Value	Year			
Health Services	Preventive and Promotive Services	Reduced mortality rates	Under five Mortality rate per 1000	39	2014	30	25	Department of Health Services, Ministry of Health
			Maternal mortality rate per 100,000 live births	248	2014	230	200	Department of Health Services, Ministry of Health
			Infant mortality rate per 1000 live births	24	2014	20	15	Department of Health Services, Ministry of Health
			TB Treatment Success rate (%)	84	2017	90	95	Department of Health Services, Ministry of Health
			Immunization coverage	98	2014	100	100	Department of Health Services, Ministry of Health
			% of skilled deliveries conducted in our health facilities	96	2014	100	100	Department of Health Services, Ministry of Health
	Curative and Rehabilitative Services	Improved quality of care and health services	% of hospitals with specialized services	0	1	2	3	Department of Health Services, Ministry of Health

Department	Programme	Outcome	Outcome Indicator (s)	Baseline*		Mid Term Target	End Term Target	Reporting Responsibility
				Value	Year			
			% of healthcare facilities reporting stock out of essential drugs and supplies	-		10	0	Department of Health Services, Ministry of Health
Agriculture, Livestock, Veterinary and Fisheries	crop development and management	Increased crop produce quality and quantity	Coffee Production per Ha (Tons)	1.4	2019	1.5	1.7	
			Rice production per Ha (Tons)	3	2019	3.5	4	Department of AVLF
			Banana production per Ha	42	2019	45	50	Department of AVLF
	Livestock production		Average milk production per cow per day (Its)	7	2019	10	12	Department of AVLF
Education	Vocational Education and Training		Gross Enrollment Rate					Department of Education
	Pre-Primary Education		Gross Enrollment Rate	82	2020	85	90	Department of Education
Environment, Water and Natural Resources	Water Services	Improved access to water	% of HHs with access to potable water					Department of Environment water and Natural Resources
	waste management services	Improved efficiency in liquid waste management	% of urban centers with access to sewerage system					Department of Environment water and Natural Resources
	Environment and Climate Change		% of land covered by forest					Department of Environment water and Natural Resources
			No of climate smart technologies promoted					Department of Environment water and Natural Resources
Roads, Transport	Roads development,	Improving	KMs of Access					Department of Roads,

Department	Programme	Outcome	Outcome Indicator (s)	Baseline*		Mid Term Target	End Term Target	Reporting Responsibility
				Value	Year			
and Infrastructure	maintenance and management	accessibility and mobility	roads graveled					Transport and Infrastructure
			KMs of access roads graded					Department of Roads, Transport and Infrastructure
			KMs of road tarmacked					KeRRA, Kenya Roads Board
	Disaster Management	Timely response to disaster	% of disaster incidences reported and responded to on time					Department of Roads, Transport and Infrastructure
Lands, physical planning and urban development	Land management	Controlled and sustainable land use	No. of Development Plans in place					Department of Lands, physical planning and urban Development
	Urban Development	Improved accessibility in urban areas	SM of urban area with improved pavements					Department of Lands, physical planning and urban Development
			KMs of drainage constructed					Department of Lands, physical planning and urban Development
	Housing	Improved living conditions	No. of affordable housing units developed					Department of Lands, physical planning and urban Development
Trade, Cooperatives Tourism	Trade Development	Increased income	No of markets constructed and commissioned					Department of Trade
Sports Culture and Social Services	Sports	Improved talent development	No of sports facilities upgraded					Department of Sports
			No of teams facilitated with sports equipment					Department of Sports

Department	Programme	Outcome	Outcome Indicator (s)	Baseline*		Mid Term Target	End Term Target	Reporting Responsibility
				Value	Year			
Gender and Youth	Women, Youth Empowerment Services	Improved socio-economic wellbeing	No of women groups participating in empowerment programs					Department of Gender and Youth
			No of youth groups participating in empowerment programs					Department of Gender and Youth
Finance and Economic Planning	Revenue Mobilization Services	Improved resources available for budget implementation	% increase in Own Source Revenue Collection					Department of Revenue Services
	Public Finance Management	Improved Transparency and Accountability in management of public finances	% increase in budget absorption rates					Department of Budget Coordination Services
County Executive	Administration services	Improved service delivery	% of departments implementing performance management practices					Office of the County Secretary



## **6.5 Data Collection, Analysis and Reporting**

The County M&E Unit, in collaboration with the other M&E Committees, will define and develop the main methods and tools that will be used for data collection, archiving, analysis, and reporting arrangements in line with the National M&E Norms and Standards. The County M&E Unit will coordinate the development of a CIDP Indicator Handbook that will guide the Monitoring & Evaluation of the CIDP III. The handbook will be accompanied by the data management plan to help coordinate the M&E functions and organize the collection, analysis, and dissemination of information needed for effective CIDP implementation. The data management plan will define the data collection tools for the indicators, the data collection methods, and the data processing and analysis methods. The M&E Unit will prioritize continuous training and adoption of technology in the data management processes to make them simpler, faster, more reliable, and more transparent.

The county will utilize primary and secondary methods to collect quantitative and qualitative data. The data collection tools will be developed by the M&E Unit in collaboration with the departments and tailored to meet the needs of each department/sector. They will include questionnaires, structured, semi-structured, and unstructured interviews, focus group discussions, photography, videography, and observation, among others. The M&E Unit will undertake capacity building on data quality issues to ensure that the data collected meets the required quality standards. The data collected will be analyzed and reports generated to help inform decision-making.

Regarding reporting, the County shall develop the County Annual Progress Report (CAPR) based on the guidelines developed by the Monitoring and Evaluation Unit. The CAPR will provide the overall status of the CIDP implementation on an annual basis. Subsequently, this will inform the preparation of the consequent Annual Development Plan (ADP) and annual budget preparation process. Further, the County will prepare the Quarterly M&E progress reports that will feed into the CAPR, donor programme/project reports, back-to-office reports, mid-term reports to be prepared at the third year of CIDP implementation, and End Term Reports to be prepared at the end of CIDP implementation period and other ad hoc reports.

Through the e-CIMES, the county will be able to analyze the progress towards the achievement of the policies, projects, and programmes outlined in the CIDP III. Analysis of CIMES results will demonstrate whether the resources spent on implementing CIDP investment programmes are leading to the intended outcomes, impacts, and benefits for the county population.

To play its role in the National Annual Progress Reports, the county government will produce the following reports as per the CIMES guideline.

- a) Sub-counties, through the SCoMEC, submit their reports to the County M&E Unit one week after the end of the quarter, following the quarter to which the report is referring.
- b) The Sector Monitoring and Evaluation Committee (SMEC) will prepare sector M&E reports and submit them to the County M&E Unit one week after the end of the quarter.
- c) County M&E Unit thereafter compile the county M&E report for onward submission to County Monitoring and Evaluation Committee (COMEC).

#### **6.6 Dissemination, Feedback Mechanism, Citizen Engagement and Learning**

The County will make data and information available to stakeholders, government officials, academic researchers, policymakers, senior management, project participants, and the public for use in making evidence-based decisions. The County will develop a data dissemination plan that will define the target stakeholder or audience, the information needs of the various stakeholders/audiences, the communication methods, and the timing/frequency of the dissemination. The data/information will be disseminated through State of County Address, oral presentations in stakeholder meetings, written reports, fact sheets, press releases, posters, flyers, social media platforms, county websites, devolution conferences, peer-to-peer events, webinars, and live events.

Further, the County will develop a Feedback-and-Response System, or FRSS to create a two-way communication loop that will enable the various sectors/department to receive citizens' feedback and respond timely to their suggestions and concerns. The Feedback mechanisms will allow the citizens to provide feedback through channels that include meetings, suggestion boxes, hotlines, and others. The County will develop response mechanisms that will acknowledge receiving the feedback and provide appropriate responses to the public in a timely manner.

Regarding learning from the M&E initiatives and reports, the information generated from M&E will be useful for decision-makers, policymakers, and the wider county audience as it will provide facts and evidence, that when accepted and internalized, provide knowledge products for promoting learning. Hence, the County will incorporate learning into the overall programme implementation by using the information disseminated from the M&E processes and making it available for potential users to become applied knowledge. The county will utilize critical reflection sessions, after-action reviews, and peer-to-peer learning, among others, as strategies for learning to improve the overall county performance and quality of results of ongoing and future programs, strategies, and interventions.

### Evaluation Plan

This section identifies the key policies/programmes/projects for evaluation during or after the plan period. Evaluation will be critical for the county policies/programmes/projects to determine the relevance and fulfilment of objectives, development efficiency, effectiveness, impact, and sustainability. The evaluations will include rapid evaluations, impact evaluations, CIDP midterm/end-term Reviews, or any other type of evaluation.

The M&E Directorate will develop comprehensive evaluation plans for each planned evaluation to support the evaluation planning and will cover components like the purpose of the evaluation, evaluation questions, evaluation criteria, timetable, and work plan, collecting data for an evaluation, data collection methods to answer evaluation questions, data collection tools and activities, data analysis, and reporting evaluation findings. Table 27 provides a summary of the Evaluation plan for the various intended evaluations by the County.

**Table 27: Evaluation Plan**

**Table 6.3 Evaluation Plan**

No	Policy/ Programme/ Project	Evaluation Title (specify the type)	Outcome(s)	Use of the Evaluation Findings	Commissioning Agency/ Partners	Anticipated Evaluation start date	Anticipated Evaluation end date	Evaluation Budget (Kshs.)	Source of Funding
1	CIDP	Midterm Review of the Third Generation CIDP	Improved implementation of the CIDP	Improve implementation of CIDP.	CECM Finance and Economic Planning	June 2025	Sept 2025	Kshs. 10 million	CG/ Donor

2	CIDP	End-term review of the Third-Generation CIDP	Improved decision-making approaches for the implementation of future plans	Inform decision-making for future implementation of Policies and programs	CECM Finance and Economic planning	June 2028	Sept 2028	Ksh 10 million	CG/Donor
3	Health Sector Programs	Outcome Evaluation of Preventive and Promotive Services program	Increased access to health Services	Improve the delivery of health services	CECM Health	June 2027	Sept 2027	Kshs. 4 million	GoK/Donor
3	...								

## 7 ANNEX OF PROPOSED PROJECTS FOR (CIDP 2023-27)

### HEALTH SERVICES

**Table 1: On-going projects**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Cost (Kshs.)	Source of funding	Timeframe
Kabuti Dispensary	Karumandi ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment.	10M	CGK	2023-24
Kiandieri Dispensary	Kerugoya ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Matandara Dispensary	Gathigiriri ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Ndindiruku Dispensary	Tebere ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Kiamanyeki Dispensary	Tebere ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Kinyaga Dispensary	Mutithi ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Ngothi Dispensary	Wamumu ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Njegas Health	Kangai ward	To enhance	Construction and	Completion and installation	10M	CGK	2023-24

<b>Project Name</b>	<b>Ward</b>	<b>Objectives</b>	<b>Targets</b>	<b>Description of Activities (Key Outputs)</b>	<b>Cost (Kshs.)</b>	<b>Source of funding</b>	<b>Timeframe</b>
Centre		service delivery	equipping	of medical equipment			
Kimweas Dispensary	Njukiiniward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Kiandai Dispensary	Baragwi ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Mururiini Dispensary	Kariti ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Mathia Dispensary	Kiini ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24
Thigirichi Mukui Dispensary	Kariti ward	To enhance service delivery	Construction and equipping	Completion and installation of medical equipment	10M	CGK	2023-24

**Table 2: New Project Proposals**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Cost (Kshs.)	Source of funding	Timeframe
Construction of New hospital complex at Kianyaga SCH	Baragwi	Improve health services	1	Completion of new facility and equipping	300M	County Government	2023-2025
Construction of New hospital complex at Kianyaga SCH	Baragwi	Improve health services	1	Completion of new facility and equipping	300M	County Government	2023-2025
Construction of New hospital complex at Kimbimbi SCH	Nyangati	Improve health services	1	Completion of new facility and equipping	300M	County Government	2023-2025
Construction of a modern Psychiatric Unit in Kerugoya County Hospital	Kerugoya	Improve mental health	1 Ward— bed capacity	Operational psychiatric ward	25M	County Government	2023-24
Purchase Theatre equipment in the New Maternity Block at Kimbimbi SCH	Nyangati	Operationalise the maternity theatre	Assorted theatre equipment	Purchased theatre equipment	20M	County Government	2023-24
Purchase Theatre equipment in the New Hospital complex at Kimbimbi SCH	Nyangati	Operationalize the new complex theatre	Assorted theatre equipment	Purchased theatre equipment	20M	County Government	2023-25
Purchase Theatre equipment in the New Hospital complex at Kianyaga SCH	Baragwi	Operationalize the new complex theatre	Assorted theatre equipment	Purchased theatre equipment	20M	County Government	2023-25

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Cost (Kshs.)	Source of funding	Timeframe
Renovation of Male Ward to Accommodate Renal Unit at Kimbimbi SCH	Nyangati	Integrate renal services in hospital	Renal unit in place	Renal services being offered	25M	County Government	2023-25
Purchase 8 Renal Dialysis Machines in Kimbimbi SCH	Nyangati	Integrate renal services in hospital	Renal unit in place	Renal services being offered	5M	County Government	2023-25
Renovation of OPD Block to accommodate specialist Clinics at Kimbimbi SCH	Nyangati	Good working conditions for speial clinics	Improved working conditions	Renovated OPD block	5M	County Government	2023-25
Constructed Male ward at Kianyaga SCH	Baragwi	Offer inpatient services to male	1 male ward ----bed capacity	Constructed male ward	10M	County Government	2023-24
Constructed Male ward at Sagana SCH	Kariti	Offer inpatient services to male	1 male ward ----bed capacity	Constructed male ward	10M	County Government	2023-24
Purchase assorted for Trauma Centre in Sagana SCH	Kariti	Offer health serves for trauma	Assorted equipment	Purchased equipment	10M	KENHA	2023-24
Renovation of Maternity Unit in Kianyaga SDH	Baragwi	Offer maternity Services	Maternity unity	Maternity renovated	3M	County Government	2023-24
Renovated walkways in 4 hospitals	Kerugoya, Kariti, Nyangati, Baragwi	Access	4 hospitals	Walkways renovated	4.5M	County Government	2023-24
Procured 12 ambulances	County	Referral	12	Ambulances	48M	County	2023-24



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Cost (Kshs.)	Source of funding	Timeframe
				procured		Government	
Renovation of satellite blood units	Kerugoya, Kariti, Nyangati, Baragwi	Blood safety	4 hospitals	Renovated blood satellites units	1.5M	County Government	2023-24
Renovation of TB Clinics & waiting bay in Sagana, Thiba, Baricho and Gathigiriri	Kariti, Thiba, Mukure, Tebere	TB clinics	4	TB clinics renovated	6M	County Government	2023-24
Constructed perimeter wall at Kimbimbi SCH	Nyangati	Security	Kimbimbi SDH	Perimeter all constructed	30M	County Government	2023-24
Constructed perimeter wall Sagana SCH	Baragwi	Security	Sagana SDH	Perimeter all constructed	30M	County Government	2023-24
Renovated ward 3 into Physiotherapy Unit at KCRH	Kerugoya	Physiotherapy services	Kerugoya CRH	Renovated ward	2M	County Government	2023-24
Renovated Harambee ward into Physiotherapy and Occupational Therapy at Kimbimbi SCH	Nyangati	Physiotherapy/occupational therapy services	Kimbimbi SDH	Renovated ward	3M	County Government	2023-24
Renovated female medical ward into Occupational Therapy unit at KCRH	Kerugoya	Occupational therapy services	Kerugoya CRH	Renovated ward	3M	County Government	2023-24
Procured 2 Truenat Machine for Kianyaga Hospital & Kutus HC	Baragwi, Nyangati	TB services	2	Truenat machine procured	3.6M	County Government	2023-24

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Cost (Kshs.)	Source of funding	Timeframe
Procured 1 Trunat cartridge's	County	TB services	1	Truenat cartridge procured	10.2M	County Government	2023-24
Procured 5 portable digital X Ray viewer boxes	County	TB services	5	Portable digital X Ray viewer boxes procured	10M	County Government	2023-24
Procured 10 bio safety cabinets	County	TB services	10	Bio safety cabinets procured	7.5M	County Government	2023-24
Procured 25 Anthropometric tools	County	TB services	25	Anthropometric tools procured	1.25M	County Government	2023-24

## AGRICULTURE, LIVESTOCK, VETERINARY AND FISHERIES

### a) Agriculture Subsector

Table 1: On-going projects

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
African Indigenous vegetables (AIV)		Increased income and better nutrition		Production, utilization and sale of African indigenous vegetables	Production under organic conditions		National Museums of Kenya	2020-2025
SHEP Biz	Wards in Kirinyaga Central and Kirinyaga West	Increment of the productivity of horticultural crops of smallholder horticulture farmers		Capacity building of staff and farmers Market linkages Value chain support	Production through a low external input regime Sustainable land management practices Prudent use of pesticides Recycling of materials		JICA/GOK	2020-2025
Mount Kenya Sustainable Landscape and Livelihoods Program	Tea zone counties	Improving livelihoods of smallholder farmers through sustainable landscape utilization	50,000 farmers	Capacity building of staff and farmers Creating County Land Management Boards	Climate smart agriculture Ecosystem conservation and restoration Early warning systems	100M	Rainforest Alliance	Up to 2026

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				Investing in Resilience and sustainability	developed			
UTaNRMP	County wide	Reduction of rural poverty through sustainable natural resource management	75000 households	Group mobilization Supporting community groups do IGAs Capacity building	Climate smart agriculture Diversification	100m	IFAD/GOK/Spanish Trust	2023
National Value Chain Support Project-NVCSP	Thiba, Tebere	Improving productivity in rice production	12295 rice farmers	Farmer registration Capacity building Recruitment of agrodealers Voucher redemption	Soil sampling and testing	60 M	GoK	2023
ASDSP								
NARIGP								

Table 2: New Project Proposals

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs. Millions)	Source of funding	Timeframe
Wezesha	County wide				Soil and water conservation Climate smart agriculture	60	CGK	By June 2023
Office construction	Mutithi, Mukure	To enhance delivery of extension services	2 office blocks	Completion of started Sub county	Roof catchment water harvesting	10	CGK	By June 2023

				offices in Mwea West and Kirinyaga West				
Agro marketing and Value addition	Mutithi, Inoi, Mutira, Wamumu, Gathigiriri, /kabare, Kiine	To enhance market linkages and quality of produce	7 aggregation centres constructed	Identification of sites Proposal writing and approvals Construction and equipping Committee training Launching	Solar flood lights Waste disposal systems in place	70 M	CGK , partners	2027
Soil status mapping	County wide	Develop a county soil map for targeted soil fertility management to improve productivity	1 survey done	Planning, site identification, soil sampling and testing Soil map development		6 M	CGK, partners	2024
Organic hubs development	County wide	Promote organic farming through creating market outlets for organic produce	3 hubs constructed and operationalized	Identification of sites Proposal writing and approvals Construction and equipping Committee training Launching Farmer training and support	Minimum use of agrochemicals Climate smart farming	45 M	CGK, partners	2027

### Livestock, Veterinary and Fisheries Sub-Sector

Table 1: On-going projects

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Aquaculture Business	All sub counties	To increase incomes	Existing	Enhanced small	Smart		IFAD	2018-2026

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Development Programme		,food security, nutritional status of the wider communities of poor rural households involved in aquaculture	fish farmers and new ones	holder aquaculture production Development of enterprises in support small holder aquaculture production Community nutrition initiative Small holder based aquaculture value chain development Aquaculture sector enabling environment	aquaculture technologies for sustainable environmental conservation		GOK	
National Agriculture Rural inclusivity Growth Project (NARIGP)	County wide	Increase Livestock productivity and profitability		Capacity building of communities Funding of Common interests groups				World bank, GOK, and County Government of Kirinyaga
Agriculture Sector Development Support Programme (ASDSP)	County wide	Increase Livestock productivity and profitability		Capacity building of communities				SIDA, GOK and County Government

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				Funding of Common interests groups				
Upper Tana Natural Resources Management Project (UTaNRMP) ending in December 2022	County wide	Increase Livestock productivity and profitability		Capacity building of communities				IFAD, GOK
Construction of offices (2 Livestock production – Kirinyaga West and Mwea West, 2 Veterinary Kirinyaga East and Mwea East)	Kirinyaga west Hq. Baricho, Mwea West Hq Kandongu, Kirinyaga East Hq Kianyaga and Mwea East Hq Ngurubani	Conducive working environment for staff		Completion of structures				County Government of Kirinyaga

## ROADS, TRANSPORT AND INFRASTRUCTURE

### a) Roads

Table 1: On-going projects

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Time frame
Construction of Wang'uru Town Parking Spaces, Street Roads, Walkways and Associated Works	Tebere	Well drained and paved town surface	30,000 SM	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Environmental Impact Assessment report done before project commenced and adhere to it.	150M	County Government of Kirinyaga	2021-2023
Construction of Kamondo footbridge in Kerugoya ward	Kerugoya Ward	Easy access	12M foot-bridge	Bush Clearing, Excavation, Construction of a 12 M footbridge	Environmental Impact Assessment report done before project commenced and adhere to it.	2M	County Government of Kirinyaga	2021-2023
Construction of Mung'aru footbridge in Kerugoya ward	Baragwi Ward	Easy access	12M foot-bridge	Bush Clearing, Excavation, Construction of a 12 M footbridge	Environmental Impact Assessment report done before project commenced and adhere to it.	2M	County Government of Kirinyaga	2021-2023



**Table 2: New Project Proposals**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Paving and marking of Sagana town, Kagio town – Upper side, Kibingoti town, Kiangwachi town and Baricho town	Kirinyaga West Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Paving and marking of Kutus town, Kagumo town and Kerugoya town	Kirinyaga Central Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
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Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Paving and marking of PI town, Kianyaga town, Kiamutugu town and Kutus town – Upper side	Gichugu Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Paving and marking of PI town, Kimbimbi town, Wang'uru town and Mutithi town	Mwea East Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Paving and marking of Makutano town, Kagio and Kutus town – Lower side	Mwea West Sub County	Clean, Well-drained and paved towns and shopping centres	30,000 SM of paved surface	Site Clearance, Relocation of services and traders, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks	Follow NEMA regulations and guidelines on pollution control and plant grass, trees, flowers as much as possible	150,000,000.00	County Government of Kirinyaga	2023 – 2028
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Gichugu Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
			lines.					
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Kirinyaga West Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Kirinyaga Central Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culverts	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Mwea West Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert lines.	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028
Improvement of roads through grading works, graveling works and paving using cabro blocks or bitumen including installation of bridges, footbridges and culvert lines	Mwea East Sub County	Efficient, durable and well-connected road network	1,200 kms of grading, 350 kms of gravel, 3No of bridges, 360 M culvert lines	Site Clearance, Relocation of services, Grading, Gravel Works, Excavation, Hardcore packing, Compaction, Paving with Cabro blocks or bitumen materials	Follow NEMA regulations and guidelines on pollution control, Save trees as much as possible and plant grass, trees on any available space in the project	450,000,000.00	County Government of Kirinyaga	2023 – 2028

**b) Public Works**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction and operationalization of a County Fuel Filling Station	Kerugoya	Reduce expenditure of fuel products	1	Construction and equipping of fuel station.	County vehicles to use fuel with reduced carbon emission	23,000,000	CGK	2023-2026
Expansion and Fencing of TR & PW Offices	Kerugoya	Improve service delivery.  Improve security of county machinery	1	Construction, fencing and equipping office blocks		10,000,000	CGK	2023-2025

## WATER, ENVIRONMENT AND NATURAL RESOURCES

### a) Environment, energy, Climate Change and Natural resource

**Table 1: On-going projects**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Solid Waste Management Programme	All	Acquisition of 70 (no) garbage collection Skips	- 70 No. of skips procured	Purchase of 70 waste collection skips		35	COK	2023-2025
		- Acquisition of 4 (No,) skip loader trucks	4 (No) procured	Purchase of 4 skip loaders trucks		40	COK	2023-2026

**Table 2: New Project Proposals**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
County Forestry Enhancement Programme		To increase the tree cover from 19% to 35%	Five million trees grown	Propagation of tree seedlings and subsequent distribution to farmers  Procurement of tree seedlings from	Promotion and acquisition of tree seedlings from community groups as a way of diversifying livelihoods	50M	County Government of Kirinyaga, National Government and Development partners.	2023-2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				community groups  Growing of trees in county forests, riparian areas, urban spaces, offices and highways	<p>Promotion of forest income generating activities such as beekeeping by provision of bee hives and equipment to community forest associations.</p> <p>Promotion of agroforestry to county farmers by provision of fruit trees to plant on farms</p> <p>Growing of trees in areas prone to erosion as a soil conservation initiative especially the river banks and slope areas</p> <p>Advocacy for commercial woodlots which can sustainably supply the county wood products demand and businesses.</p> <p>Promote bamboo as a</p>			

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
					sustainable source of wood fuel			
County Renewable Energy programme		To mainstream renewable energy in household and institutional energy needs	10,000 energies saving jikos distributed 200 biogas plants constructed in households and institutions 50 briquette making machines distributed to community groups	Promotion, advocacy and distribution of low carbon energy sources including biogas and briquette	Development of green business in production and distribution of energy saving jikos, briquettes and biogas plants  Reduce over reliance on wood fuel to decelerate deforestation.  Reduction of GHG emissions from domestic and commercial heating	100M	County government of Kirinyaga, Development Partners	2023-2027
County climate change Resource center		To Establish a one-stop shop for climate change mitigation and adaptation	One climate change resource center established	Establish a climate data bank Establish a model weather station Early warning Signs and Natural Disaster Response Unit	Mainstreaming and implementation of the required structures both organizational and legal to facilitate climate change mitigation and adaptation.	100M	County government of Kirinyaga and Development Partners	2023-2027



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				Climate smart technologies unit  Community Radio Station				
County Waste Resource Recovery Facilities		To promote sustainable waste disposal to secure a circular economy	Three material handling facilities in the county; Mwea, Sagana and Kutus	Construction and operationalization of three material handling facilities in three towns	Create green business in waste management and disposal through recycling, composting and reuse.  Reduce the GHG emissions which characterize landfills  Efficient waste management improve the public health and ensure clean environment as per the bill of rights	255M	County Government of Kirinyaga, National Government and Development Partners	2023-2027

**b) Water Services**

**Table 1: On-going projects**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Mugaro Water Project	Murinduko	Water supply for domestic and livestock use	300HH	Intake construction Rehabilitation of mainline Installation of distribution lines	Tree planting in catchment area	40,000,000	CGK	2023-2024
Mwega Water Project	Inoi	Water supply for domestic and livestock use	100HH	Piping and water storage construction	Tree planting in catchment area	10,000,000	CGK	2023-2024
Kiangai Water Project	Kiine	Water supply for domestic and livestock use	1500HH	Piping and water storage construction		10,000,000	CGK	2023-2024
Gituto Borehole	Thiba	Water supply for domestic and livestock use	150HH	Construction of water tower Placing of plastic tanks Piping and other related work	- Solar power installation	5,000,000	CGK	2023-2025
Rurumi Borehole	Thiba	Water supply for domestic	150HH	Piping and other related work	- Solar power installation	5,000,000	CGK	2023-2025

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		and livestock use						
Itangi Market Solar Borehole	Murinduko	Water supply for domestic and livestock use	150HH	Construction of water tower  Placing of plastic tanks  Piping and other related work	- Solar power installation	5,000,000	CGK	2023-2025
Borehole at Mukanduini	Kanyekiini	Water supply for domestic and livestock use	100HH	Construction of water tower  Placing of plastic tanks  Piping and other related work	- Solar power installation	5,000,000	CGK	2023-2025
Kianjiru Water Project	Kiine	Increase area under irrigation	40Ha	Piping and other related work	Tree planting in catchment area	17,000,000	CGK	2023-2027
Kiamuguongo Water Project	Kiine	Water supply for domestic and livestock use	650HH	Piping and other related work	Tree planting in catchment area	7,000,000	CGK	2023-2024

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Corothimu Water Project	Baragwi	Water supply for domestic and livestock use	650HH	Piping and other related work	Tree planting in catchment area	5,000,000	CGK	2023-2026
Githindi Water Project	Baragwi	Water supply for domestic and livestock use	100HH	Piping and other related work		2,000,000	CGK	2023-2025
Kiamuka irrigation project	Mutira	Increase area under irrigation	80Ha irrigated	Piping and other related work	Tree planting in catchment area	5,000,000	CGK	2023-2025
Kanjo water project	Mutira	Increase area under irrigation	20Ha irrigated	Piping and other related work		3,000,000	CGK	2023-2025
Gatwe irrigation project	Mutira	Increase area under irrigation	100HH	Piping and other related work	Tree planting in catchment area	4,000,000	CGK	2023-2025
Giagitura Irrigation project	Mutira	Increase area under irrigation	100HH	-Piping -Construction of storage tank	Tree planting in catchment area	6,000,000	CGK	2023-2026
Gakui water project	Inoi	Increase area under	Additional 5Ha	-Piping -Construction of	Tree planting in catchment area	5,000,000	CGK	2023-2027

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		irrigation	irrigated	storage tank				
Mbeti B Water project	Inoi	Water supply for domestic and livestock use	1186HH	-Piping -Construction of storage tank -Construction of intake work	Tree planting in catchment area	40,000,000	CGK	2023-2027
Karaini Gaturu Water project	Inoi	Increase area under irrigation	285HH	-Piping -Construction of storage tank -Construction of intake work	Tree planting in catchment area	14,000,000	CGK	2023-2025
Kaitheri Borehole project	Kerugoya	Water supply for domestic and livestock use	250HH	-Piping -equipping	-Need to be installed with solar power	8,000,000	CGK	2023-2026
Kirima borehole project	Kanyekini	Water supply for domestic and livestock use	100HH	-Piping -Water treatment machine to remove iron	-Need to be installed with solar power	7,000,000	CGK	2023-2025

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Kiamuthambi borehole project	Kanyekiini	Water supply for domestic and livestock use	250HH	-Piping -Water treatment machine to remove iron -construction of water tower and placing of water tanks	- Solar power installation	8,000,000	CGK	2023-2025
Kinyako water project	Kanyekiini	Increase area under irrigation	61Ha irrigated	-Piping	Tree planting in catchment area	2,000,000	CGK	2023-2027
Kathaka water project	Kanyekiini	Water supply for domestic and livestock use		-Piping	Tree planting in catchment area	7,000,000	CGK	2023-2027
Kirimara Irrigation project	Nyangati	Increase area under irrigation	500HH	-Piping	Tree planting in catchment area	21,500,000	CGK	2023-2027
Kutus Mjini water project	Nyangati	Water supply for domestic and livestock use	500HH	-Piping	Tree planting in catchment area	5,000,000	CGK	2024-2027

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Kabatiro drainage project	Nyangati	Control storm water in Kabatiro village	100HH	-To construct permanent structure for storm water control		5,000,000	CGK	2024-2027
Togonye water project	Murinduko	Increase area under irrigation	700HH	-Piping	Tree planting in catchment area	9,500,000	CGK	2025-2027
Ndorome borehole project	Thiba	Water supply for domestic and livestock use	200HH	-Piping	- Solar power installation	3,000,000	CGK	2023-2025
Kiratina borehole project	Thiba	Water supply for domestic and livestock use	80HH	-Piping	- Solar power installation	3,000,000	CGK	2023-2025
Nyaru water project	Ngariama	Water supply for domestic and livestock use	400HH	-Piping	Tree planting in catchment area	3,500,000	CGK	2025-2027
Thirikwa water project	Ngariama	Water supply for domestic and livestock	1200HH	-Piping	Tree planting in catchment area	37,000,000	CGK	2023-2027

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		use						
Kathunguri water project	Ngariama	Increase area under irrigation	700HH	-Piping	Tree planting in catchment area	6,000,000	CGK	2024-2025
Kiandumu water project	Ngariama	Water supply for domestic and livestock use	300HH	-Piping	Tree planting in catchment area	13,000,000	CGK	2025-2026
Kagikiki water project	Njukiini	Water supply for domestic and livestock use	160HH	-Piping	Tree planting in catchment area	11,000,000	CGK	2024-2026
Rwamukia Water project	Baragwi	Increase area under irrigation	2000HH	-Piping	Tree planting in catchment area	12,000,000	CGK	2023-2024
Mungetho water projects	Kariti	Water supply for domestic and livestock use		-Piping	Tree planting in catchment area	10,000,000	CGK	2025-2027
Kenera water project	Murinduko	Water supply for domestic and livestock use	800HH	-Piping	Tree planting in catchment area	4,000,000	CGK	2026-2027



Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Mwea Makima water project	Mwea	Water supply for domestic and livestock use	31000HH	-Piping -Construction of water treatment plant	Tree planting in catchment area	45,000,000	CGK	2024-2025
Riagicheru water project	Murinduko	Increase area under irrigation	700HH	-Piping - New intake	Tree planting in catchment area	9,000,000	CGK	2024-2026
Ngariama/Njukiini water project	Ngariama/Njukiini	Water supply for domestic and livestock use	4500HH	-Piping	Tree planting in catchment area	17,000,000	CGK	2025-2027
Kinyaga water project	Mutithi	Water supply for domestic and livestock use	2000HH	-Piping -Construction of storage tank -Rehabilitation of intake work	Tree planting in catchment area	19,000,000	CGK	2025-2027
Mukiwamuka water project	Kanyekiine	Water supply for domestic and livestock use	600HH	-Piping -Construction of storage tank	Tree planting in catchment area	15,000,000	CGK	2025-2027
Njine kabia	Kerugoya	Water supply for domestic	200HH	-New intake	Tree planting in catchment area	10,000,000	CGK	2025-2027

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		and livestock use		-Piping				
Marurumo borehole project	Thiba	Water supply for domestic and livestock use	80HH	- Installation of solar pump and solar panel - Erecting water tower -Construction of water kiosk	- Solar power installation	6,000,000	CGK	2025-2027
Kamolo borehole project	Kariti	Water supply for domestic and livestock use	250HH	-Installation machine to clean water	- Solar power installation	5,000,000	CGK	2024-2025

**Table 2: New Project Proposals**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
South Ngariama Water Project	Murinduko	Water supply for domestic and livestock	350HH	-Construction of mainline -Construction	Tree planting in catchment area	60,000,000	CGK	2024-2027

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		use		of storage tank Installation of distribution lines				
Gatuto Water Project	Kanyekiini	Water supply for domestic and livestock use	600HH	-Construction of intake work -Piping -Construction Storage tanks	Tree planting in catchment area	40,000,000	CGK	2024-2025
Gicando Water Projects	Thiba	Water supply for domestic and livestock use	400HH	-Construction of intake work -Piping -Construction Storage tanks	Tree planting in catchment area	35,000,000	CGK	2023-2027
Kwa Ngiri water project	Thiba	Water supply for domestic and livestock use	50HH	-Construction of intake work -Piping -Construction Storage tanks		5,000,000	CGK	2023-2027

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Thutha Horticultural irrigation water project	Kiine	Water supply for domestic and livestock use	300HH	-Construction of intake work -Piping -Construction Storage tanks	Tree planting in catchment area	35,000,000	CGK	2023-2027
Kaminji irrigation water project	Mutithi	Increase area under irrigation	700HH	-Construction of intake work -Piping -Construction Storage tanks	Tree planting in catchment area	55,000,000	CGK	2023-2027

## LANDS, HOUSING AND URBAN DEVELOPMENT

Programme Name: Land Management

Table 1: On-going projects

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
County spatial Plan	County wide	Development of county planning and development framework.	Approved spatial Plan.	-Data collection and field study -Visioning and scenario building. -Development proposals and strategies -Public participation and scrutiny -Adoption and approval of plan.	Incorporation of green infrastructure in development strategy proposals	57m	County government	1year
Acquisition of 3 acres of land for construction of County	baragu	A well-equipped county public open space.	Land and ownership documents	-Public participation. Land identification	Integration of green technology in project implementation.	15,000,000.00	County government	1 year

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Official functions and Events facilities.				and suitability. - Land subdivision and mutation -land Valuation and negotiations -land conveyancing				
Processing of title deeds for Kibirigwi Village Plots.	Kiine	Improved security of tenure	lease titles and village advisory plans.	-public participation -preparation of scheme plan. -approval and allotment Titling	Designation of open spaces for village greening	2,000,000.00	County government	2 years
Acquisition of land for Village Cementry at Kiangoma Villiage	Kiine	A centralized public purpose land	Land and ownership documents	-Public participation. -Land identification and suitability.	Incorporate modern technology in dead bodies disposal	1,333,333.000	County government	1 year

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				- Land subdivision and mutation -land Valuation and negotiations -land conveyancing				
Renovation of County Housing Estates	Kerugoya, Kianyaga	Provision of safe human habitat	Serviced housing units.	Evaluation and tendering. Tenants relocation Renovation works. Re-allocation of units	Adoption of ABT in the construction	10,00,000	State department of housing	2 years
Proposed Kerugoya-Kutus Municipality Fire Station	Kabare	To develop the proposed Kirinyaga County fire station into a full-time fire		-Timely response to disaster -Training on disaster	Use of solar power for street lighting along the station	50,782,580.00	World Bank KCG	2 years

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		agency composed of numerous departments.		manager				
Development of the Municipality spatial Plan	The entire Municipality	Effective plan for future infrastructural development within the municipality		A Detailed municipality infrastructural development plan.		25,000,000	World Bank	2 years
Sustainable urban economic development	Entire Kerugoya – Kutus Municipality	Robust Municipality Economic growth		Ensure timely municipality sustainable development		600,000,000	UKaid	4 years

**Table 2a: New Project Proposals- Lands, Physical Planning and Housing**

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
<b>SURVEY SECTION</b>								
Acquisition of Survey	County	Enable accurate	-Identification and	-Survey Tools	2 years	<b>4.8M</b>	-County	Department



Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
tools and Equipment's	Headquarters	collection and collation of Survey Data	enumeration of the tools and equipment's. -procurement of survey tools. -training and orientation on use of the tools	and equipment's.			Government – W.W. F -F.A. O -World Bank	of lands, Physical Planning and Housing.
Cadastral Mapping of Urban Areas	County Wide	To enable proper and accurate land use planning	-preparation of work plans. -Collection of relevant data. -Production of maps	Spatial Data. Maps.	5years	7.5M	County Government	Department of lands, Physical Planning and Housing.
Acquisition of land for public use	County wide	Promotes public rationale in land resource management.	-Identification of land need. -Evaluation of suitable location. -Public participation.	- County land bank -change of land ownership.	5years	500M	County Government	Department of lands, Physical Planning and Housing.

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
			<ul style="list-style-type: none"> <li>-Valuation of land value.</li> <li>-compensation of the affected population.</li> <li>-Land registration.</li> </ul>					
Support Public Land Titling	Public Institutions	To protect public land through issuance of legal documents	<ul style="list-style-type: none"> <li>-Partnership with national government land registries.</li> <li>-Public participations.</li> <li>-Land data collection and validation</li> <li>-Processing of land ownership documents</li> </ul>	<ul style="list-style-type: none"> <li>-beaconed public land.</li> <li>-safe use and allocation of public land.</li> </ul>	5 years	1.5M	<ul style="list-style-type: none"> <li>-County Government</li> <li>-National Government state departments</li> </ul>	<ul style="list-style-type: none"> <li>Department of lands, Physical Planning and Housing.</li> </ul>
Support Land Registration	South Ngarima and Colonial	To improve security of	<ul style="list-style-type: none"> <li>-Partnership with national</li> </ul>	<ul style="list-style-type: none"> <li>-Tittle deeds.</li> <li>-improved</li> </ul>	4 years	80M	<ul style="list-style-type: none"> <li>-County Government</li> </ul>	<ul style="list-style-type: none"> <li>National Government.</li> </ul>

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
	Villages	tenure	<ul style="list-style-type: none"> <li>-government land registries.</li> <li>-Public participations.</li> <li>-Land data collection and validation</li> <li>-Processing of land ownership documents</li> </ul>	access to services.			-National Government	
Preparation of County Valuation roll	County Wide	To guide property rating and promote revenue collection.	<ul style="list-style-type: none"> <li>-evaluation of existing relevant laws and policies.</li> <li>-public participation</li> <li>-Consolidation and harmonization of the proposals to a bill</li> <li>- considerations and approval by county</li> </ul>	<ul style="list-style-type: none"> <li>- up to date property values.</li> <li>-Increased revenue collection.</li> <li>-Property inventory</li> </ul>	2 years	0.5M	County Government	Department of lands, Physical Planning and Housing.

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
			assembly. -governors assents.					
Preparation of county Land Use Policy	County wide	To promote well-coordinated land use.	-evaluation of existing relevant laws and policies. -public participation -Consolidation and harmonization of the proposals to a bill - considerations and approval by county assembly. -governors assents.	-Guided Land Use patterns. -Protection of biodiversity. -Improved land administration	2 years	2.5M	-County Government -Kenya Law Commission	Department of lands, Physical Planning and Housing.
Marking of roads in Colonial Villages	Colonial Villages	To enhance accessibility and connectivity within the villages and service areas.	-public participation -field marking and pegging of existing access roads. -Data collection and production of maps.	-Accessible villages and service centers. -Reduced encroachment of	5 years	1M	County Government	Department of lands, Physical Planning and Housing.

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
				neighborhoods.				
<b>PHYSICAL PLANNING SECTION</b>								
County Spatial Plan	County Wide	To inform the basis of county social economic development visions and missions	<ul style="list-style-type: none"> <li>-Revision and updates of data and plan.</li> <li>-Adoption by county assembly.</li> <li>-approval by National Director general physical planning.</li> <li>-commissioning of the Plan.</li> </ul>	<ul style="list-style-type: none"> <li>-Approved Plan</li> <li>-Inventory of development opportunities.</li> <li>- county resource base data.</li> </ul>	1 year	75M	County Government	Department of lands, Physical Planning and Housing.
Municipal planning	Keruguya – Kutus, Wang’uru and Kagio Sagana	Accelerate quality living in urban areas	<ul style="list-style-type: none"> <li>-preparation of inception reports and TORs.</li> <li>-delimitation of boundaries.</li> <li>-public</li> </ul>	<ul style="list-style-type: none"> <li>-Approved Plan.</li> <li>- well informed development opportunities.</li> <li>-proper</li> </ul>	5 years	110.5M	<ul style="list-style-type: none"> <li>-County Government</li> <li>-SUED</li> <li>-State department of industrialization.</li> </ul>	Department of lands, Physical Planning and Housing.

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
			<ul style="list-style-type: none"> <li>participation.</li> <li>-data collection analysis.</li> <li>- Plan preparations and scenario building.</li> <li>-Plan approval</li> <li>-Commissioning</li> </ul>	<ul style="list-style-type: none"> <li>municipal administration and delivery of services.</li> <li>-Controlled urbanization</li> </ul>				
Towns LPDPs	Kagumo, Barichu, Makutano, Kianyaga and Kandongu	Accelerate quality living in urban areas	<ul style="list-style-type: none"> <li>-preparation of inception reports and TORs.</li> <li>-delimitation of boundaries.</li> <li>-public participation.</li> <li>-data collection analysis.</li> <li>- Plan preparations and scenario building.</li> </ul>	<ul style="list-style-type: none"> <li>-Approved Plan.</li> <li>- well informed development opportunities.</li> <li>-Controlled urbanization</li> </ul>	5 years	60M	-County Government	Department of lands, Physical Planning and Housing.

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
			-Plan approval -Commissioning					
Village and Market Advisory Plans	County wide	To promote Rural-Urban linkages	-preparation of inception reports and TORs. -delimitation of boundaries. -public participation. -data collection analysis. - Plan preparations and scenario building. -Plan approval	-Well planned human settlements. -Controlled Urbanization	5 years	6M	-County Government	Department of lands, Physical Planning and Housing.
<b>HOUSING SECTION</b>								
Acquisition of development control inspection Vehicles/Equipment's	Headquarter	To enhance field mobility	-Procurement of vehicles.	Efficient building inspections.	1 year	7.8M	-County Government	Department of lands, Physical Planning and

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
								Housing.
Formulation of Housing Policy	County wide	To enable proper coordination of county housing management	<ul style="list-style-type: none"> <li>-evaluation of existing relevant laws and policies.</li> <li>-public participation</li> <li>-Consolidation and harmonization of the proposals to a bill</li> <li>- considerations and approval by county assembly.</li> <li>-governors assents</li> </ul>	<ul style="list-style-type: none"> <li>-Approved Housing policy.</li> <li>-proper housing management.</li> </ul>	1 year	0.25M	<ul style="list-style-type: none"> <li>-County Government.</li> <li>-Kenya Law Commission</li> </ul>	<ul style="list-style-type: none"> <li>Department of lands,</li> <li>Physical Planning and Housing.</li> </ul>
Renovation and refurbishment of 100 County Housing units	Kerugoya,	improve housing living conditions	<ul style="list-style-type: none"> <li>-Assessment and costing of renovation needs.</li> <li>-relocation of tenants</li> <li>-Tendering process</li> </ul>	Safe and affordable housing	4 years	100M	-County Government	<ul style="list-style-type: none"> <li>Department of lands,</li> <li>Physical Planning and Housing</li> </ul>



Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
			-Renovation and Refurbishment. -sewer services integration -Re-occupation					
Integration of sewer systems in housing	Kerugoya-Kutus	Improve domestic health and sanitation.	-Assessment and costing. -Tendering process - Construction of sewer laterals -Commissioning	-Reduced cost of domestic waste management. - good sanitation.	2 years	150M	-County Government. -KIRIWASCO - Upper Tana	Department of lands, Physical Planning and Housing
Construction of storm water drainage Channels	Kianyaga and Sagana	To reduce flood risk predisposing factors in towns.	-Assessments and costing -Tendering -Construction -inspection and handover. -commissioning	-Improved access roads. -improved business working environment.	2 year	450M	-County Government. -State department of urban development.	Department of lands, Physical Planning and Housing
Solar energy Harvesting for street	Wanguru, Sagana and	To promote 24 Hour Economy	-Street identification and	-Reduced cost of energies.	3 years	20M	-County Government.	Department of lands,

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
Lighting	Kagio	and reduce crime rate.	<ul style="list-style-type: none"> <li>-preliminary assessments.</li> <li>-Costing and tendering.</li> <li>-Installation of solar powered streets lights</li> <li>- Handover and inspections.</li> <li>- Commissioning.</li> </ul>	<ul style="list-style-type: none"> <li>-extension of business working hours.</li> </ul>			<ul style="list-style-type: none"> <li>-State department of urban development.</li> </ul>	Physical Planning and Housing
Establishment of 2 ABT centers	Sagana and Wang'uru	To poster creativity and innovations in use of available materials with the county	<ul style="list-style-type: none"> <li>-Site/Land acquisition.</li> <li>- Construction of sheds</li> <li>-Procurement of ABT machinery.</li> <li>- Operationalization and Commissioning.</li> </ul>	<ul style="list-style-type: none"> <li>-Adoption of cheap and locally available building materials.</li> <li>-competent and skilled labor force.</li> </ul>	3 years	10M	<ul style="list-style-type: none"> <li>-County Government.</li> <li>-State department for Housing.</li> </ul>	Department of lands, Physical Planning and Housing
CROSS-SECTION PROJECT								

Project Name	Location	Objective	Description of Key Activities	Key Output(s)	Time Frame*	Estimated cost (KSh:)	Source of Funds	Lead Agency
Training and capacity Building	Relevant training institutions	To improved staff knowledge, skills and altitude.	-identification of skill gaps. -preparation of training schedules.	-Competent and well equipped staff.	4 years	3M	-County Government -KSG -KIP -ISK -NEMA	Department of lands, Physical Planning and Housing

**Table 2a: New Project Proposals- Kerugoya-Kutus Municipality**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Solid Waste Management/ Natural Resource Management	Kerugoya	<ul style="list-style-type: none"> <li>To ensure protection of the environment from land, Water and air pollution.</li> </ul>	To protect the environment	<ul style="list-style-type: none"> <li>Promotion of public health,</li> <li>Protection of environment</li> <li>Minimization of solid waste management costs</li> </ul>		280,000,000	KCG KUSP	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
hazardous waste incinerator at Kabatero dumpsite				<ul style="list-style-type: none"> <li>Reduction of poverty</li> <li>Promote recycling of recyclable waste materials</li> </ul>				
URBAN RIVERS RIPERIAN LAND RECLAMATION/GREENING <ul style="list-style-type: none"> <li>Decommissioning of Kerugoya Dumpsite and reclaiming it in to a public park</li> <li>Improvement of Kerugoya Urban forest in to a public arboretum</li> <li>Greening of Thiba River riparian land and beautification of Kutus town</li> <li>Kiamathatwa 3acreage land to be developed as Kutus arboretum</li> </ul>	Kerugoya Nyangati Kanyekine	<ul style="list-style-type: none"> <li>To ensure sustainable utilization of rivers for the benefits of all citizens</li> <li>To ensure conservation of water catchments and control floods</li> <li>To ensure protection of wetland habitats</li> </ul>	Land reclamation	<ul style="list-style-type: none"> <li>Healthy river banks</li> <li>Training of personnel to protect, conserve and manage the water catchments</li> <li>Mapping of riparian</li> <li>Zoning</li> <li>Establishment of Environmental</li> </ul>	<ul style="list-style-type: none"> <li>Reclaim the riparian land</li> </ul>	108,000,000	KCG KUSP	Continuous

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
<ul style="list-style-type: none"> <li>Greening of Rutui river urban stretch and Mutuangunyi spring and stream</li> </ul>				<ul style="list-style-type: none"> <li>committees.</li> <li>Tree planting</li> <li>Terracing</li> <li>Promulgation of by-laws</li> </ul>				
TRADE DEVELOPMENT <ul style="list-style-type: none"> <li>Kerugoya clothes Market</li> <li>Kutus Market</li> <li>Kutus Livestock Market</li> <li>Installation of Floodlight and lighting</li> <li>Industries</li> </ul>	Kerugoya Nyangati Kanyekine	<ul style="list-style-type: none"> <li>Creation of wealth and poverty reduction</li> </ul>	Economic empowerment	<ul style="list-style-type: none"> <li>Enhanced Business Environment</li> <li>Improved living standards</li> </ul>	Use of solar power for street lighting	2,240,000	<ul style="list-style-type: none"> <li>KCG</li> <li>KUSP</li> <li>National Government</li> <li>Private Investors</li> <li>SUED</li> </ul>	Continuous
TRANSPORT AND INFRASTRUCTURE <ul style="list-style-type: none"> <li>Storm Water Management</li> <li>Transport and Roads</li> <li>Improvement of Car Parks</li> </ul>	Kerugoya Nyangati Kanyekine	To promote systematic developments within the Municipality to spur economic Growth		<ul style="list-style-type: none"> <li>Well controlled Storm water and drainage</li> <li>Well maintained highways and</li> </ul>	Use of solar power for street lighting	2,00,000	<ul style="list-style-type: none"> <li>KCG</li> <li>KUSP</li> <li>National Government</li> <li>Private Investors</li> </ul>	Continuous

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				<ul style="list-style-type: none"> <li>motorable access Roads</li> <li>Modern car parks in urban areas</li> </ul>	ng			
SPORT AND TALENTS Development of Stadia	Kerugoya	Development of Sporting and recreation facilities	Modern Sporting and recreation facilities established	<ul style="list-style-type: none"> <li>Improving facilities that will encourage identification</li> <li>Improvement of sporting and talents.</li> </ul>		250,000,000	<ul style="list-style-type: none"> <li>KCG</li> <li>KUSP</li> </ul>	Continuous

**TRADE, COOPERATIVES, TOURISM AND ENTERPRISE DEVELOPMENT**

**On-going projects**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of market shade at Kangaita Market	Kerugoya township	To provide conducive, trading environment	traders	Civil works -Laying of paving blocs - Construction of market sheds	Water harvesting Greening surrounding area -Installation of solar lighting -Encourage use of eco-friendly packing materials -Bio-gas production from organic matter	3,000,000	CGK	FY 2022-2023
Construction of Septic tank for market toilet at Kimbimbi	Nyangati	To improve sanitary services	traders	-Construction of septic tank	-Waste management	400,000	CGK	FY 2022-2023
Purchase of Agricultural machinery equipment (under Wezesha program)	HQs	-To provide value addition equipment	Women and youth	-Procurement of the equipment	-Purchase of solar enabled machine	6,400,000	CGK	FY 2022-2023
Purchase of brick making machine	Kabare	To create employment opportunities	youth	-Procurement of brick making machine	-Use of machine not using fossil fuel -Use of sustainable building materials for affordable housing	666,667	CGK	FY 2022-2023

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Operationalization of KIDA	HQS	Establishment of operationalization structures	KIDA	Operationalization framework	-Encourage use of eco-friendly packing materials -Ensure litter bins are put everywhere	5,000,000	CGK	FY 2022-2023



## New Project Proposals

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of Kiandegwa Market	Wamumu	To provide clean and conducive trading environment	All traders	Civil works Constuction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials -Water connection and efficient use of water	20,000,000	County Government	2023-2024
Upgrading of Wanguru market phase II	Tebere	To provide clean and conducive trading environment	All traders	Civil works Construction of Sheds Laying of paving blocs Electrical works	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials -	20,000,000	County Government	2023-2024
Upgrading of Sagana Market phase II	Kariti	To provide clean and conducive trading		Civil works Construction of Sheds	Water harvesting Greening surrounding area	20,000,000	County Government	2023-2024

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		environment		Laying of paving blocs Electrical works	Installation of solar lighting Encourage use of echo-friendly packing materials			
Upgrading of Kagio Cereals market phase II	Kiini	To provide clean and conducive trading environment		Construction of Sheds Laying of paving blocs Electrical works Putting up flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	10,000,000	County Government	2023-2024
Upgrading of Kiumbu Market	Tebere	To provide clean and conducive trading environment		Civil works Laying of paving blocs Construction of modern echo-toilets Putting up of flood lights Construction of sheds Electrical works And Water connectionsd	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2024-2025
Upgrading of	Murinduko	To provide clean		Civil works	Water harvesting	20,000,000	County	2024-2025

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
itangi market		and conducive trading environment		Laying of paving blocs Construction of modern echo-toilets Putting up of flood lights Construction of sheds Electrical works And Water connectionsd	Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials		Government	
Upgrading of south Ngariama Market	Murinduko	To provide clean and conducive trading environment		Civil works Laying of paving blocs Construction of modern echo-toilets Putting up of flood lights Construction of sheds Electrical works And Water connectionsd	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2024-2025
Construction of	Mutira	To provide clean	All	Civil works	Water harvesting	20,000,000	County	2025-2026

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Karaini market		and conducive trading environment	traders	Constuction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of flood lights	Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials		Government	
Construction of Nyagicuthi market	Kabare	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2025-2026

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				flood lights				
Construction of Mugwandi market	Inoi	To provide clean and conducive trading environment	All traders	Civil works Constuction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2025-2026
Construction of Nyaikungu trading centre	Nyangati	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2025-2026

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				gates Putting up of flood lights				
Construction of Nguka open air market	Tebere	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2025-2026
Construction of Kiburu market	Mukure	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2026-2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				Fencing and putting up of gates Putting up of flood lights				
Construction of Kiawakara market	Inoi	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2026-2027
Construction of Riakiani market	Mukure	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2026-2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				Water connection Fencing and putting up of gates Putting up of flood lights				
Construction of Baricho market	Mukure	To provide clean and conducive trading environment	All traders	Civil works Construction of sheds Laying of paving blocs Construction of toilet Electrification works Water connection Fencing and putting up of gates Putting up of flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	County Government	2026-2027
Construction of Mururi open air market	Njukiini	To provide clean and conducive trading environment	All traders	-Civil works -Laying of slabs -Construction of market sheds and flood lights	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly	25,000,000	CGK	2025-2026



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
					packing materials			
Upgrading of Kagio fresh produce market	Kiini	To provide clean and conducive trading environment	All traders	-Fencing of the market -Cabro works -Construction of revenue offices	Water harvesting Greening surrounding area Installation of solar lighting Encourage use of echo-friendly packing materials	20,000,000	CGK	2026-2027

## COOPERATIVES

### Value addition initiatives

Project Name	Ward / location	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Value addition for coffee value chain	County HQS	To promote coffee value addition	Coffee marketing cooperative societies	Purchase, installation and commissioning of coffee roaster, grinder and packaging machine	-Encourage cooperative to use solar system instead of electricity	10,000,000	County Government of Kirinyaga	2023-2024
Value addition for milk value chain	County HQS	To promote dairy value addition	Dairy cooperative societies	Purchase, installation and commissioning of yoghurt making equipment	Encourage cooperative to use solar system instead of electricity	5,000,000	County Government of Kirinyaga	2024-2025
Value	County	To promote	Banana	Purchase,	Encourage	5,000,000	County	2025-2026

Project Name	Ward / location	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
addition for banana value chain	HQS	banana value addition	cooperative societies	installation and commissioning of banana flour making and packaging equipment	cooperative to use solar system instead of electricity		Government of Kirinyaga	
Value addition for rice value chain	County HQS	To promote rice value addition	Rice farmers cooperative society	Purchase, installation and commissioning of rice processing and packaging equipment	Encourage cooperative to use solar system instead of electricity	10,000,000	County Government of Kirinyaga	2026-2027

#### Kirinyaga Investment Development Authority

#### New Project Proposals

Project name	Ward	Objectives	Targets	Description of activities (key Outputs)	Green economy considerations	Cost (Kshs. Millions)	Source of Funding	Time Frame
Annual Investors conference	County	To mobilize finances for investment	500 investors (100 investors every year)	Increased number of businesses established and scaled up within the County	Encourage Investors to use solar Energy instead of Hydroelectricity. Encourage investors to plant more trees.	50	County Government of Kirinyaga	2023 – 2027
Enterprise fund (hustler	County	To facilitate businesses in the county	2,500 MSME's	New businesses established and existing	Encourage use of eco-friendly packing materials.	500	County Government of Kirinyaga	2023-2027

Project name	Ward	Objectives	Targets	Description of activities (key Outputs)	Green economy considerations	Cost (Kshs. Millions)	Source of Funding	Time Frame
fund)				businesses promoted within the County			and partners	
One Stop Centre (OSC)	County	To facilitate investors establish businesses in the county	One Operational Stop Centre	Improved service delivery	Encourage use of online communication to discourage dumping.	10	County Government of Kirinyaga and partners	2023/2025
Industrial park management	Kariti (Sagana Industrial Park)	To promote and manage the industrial park	One efficiently managed industrial park	Increased efficiency of industrial park operations	Planting of trees at the industrial park and encourage the use of solar energy	16	County Government of Kirinyaga	2023 - 2027
Banana processing factory	Kariti (Sagana Industrial Park)	To increase farm gate prices through value addition	One Banana Processing factory. Sixty banana farmers groups.	Established banana processing factory	Encourage cooperative to use solar system instead of electricity	150	County Government of Kirinyaga and partners.	2023-2027
Rice Wine processing factory	Kariti (Sagana Industrial Park)	To increase farm gate prices through value addition	One Rice Wine processing factory	Established Rice Wine processing factory	Use solar energy instead of Hydro electric energy	300	County Government of Kirinyaga and partners.	2023-2027

Project name	Ward	Objectives	Targets	Description of activities (key Outputs)	Green economy considerations	Cost (Kshs. Millions)	Source of Funding	Time Frame
Tomato processing factory	Kangai	To increase farm gate prices through value addition	One operating Tomato processing factory	Efficient management of the tomato processing factory	Use solar energy instead of Hydro electric energy	50	County Government of Kirinyaga	2023/2027
Rice Husk Factory	Kariti (Sagana Industrial Park)	To increase farm gate prices through value addition	One efficiently managed rice Husk factory.	Efficient management of the rice husk processing factory	Use of rice husks charcoal and briquettes as a viable energy alternative to wood charcoal reducing deforestation.	50	County Government of Kirinyaga	2023-2027

## EDUCATION

### a) Vocational Education Training

Table 1: On-going projects

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Kimweas	Njuki-ini	Increase enrolment	40 double décor beds	Equipping the dormitory		800,000	COK	2023
		Equipping ICT Lab	20 computers and a printer	20 computers , 1 printer		800,000	COK	2023
Kamiigua	Kabare	Equipping	50 double décor	50double décor beds		1,000,000	COK	2023

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		boys dormitory	beds					
		Equipping ict lab	10 computers 5 tables and 2 heavy duty printers	10 computers 5 tables and 2 heavy duty printers		700000	COK	2023
Kibingoti vtc	Kiine	Fencing the compound	300 metres	Construction of perimeter fence	Tree planting	600,000	COK	2023
Kaitheti vtc	Kerugoya							
Mutitu vtc (mvm shed)	Kanyekiini	Increase enrolment		Construction of the shed	Planting of grass and flowers	500,000	Matching fund	One year
Kiamuthambi (masonry shed)	Kanyeki- ini	Increase enrolment		Construction of the shed	Planting of grass and flowers	500,000	Matching fund	One year

### New Project Proposals

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Kimweas	Njuki-ini	Construction and equipping of a dormitory	Dormitory is constructed and equipment supplied.	40 double décor beds to be supplied	-	1.5 M	CGK	2023
"	"	Fencing of compound and cctv installation	Fence is constructed And cctv installed	Fence around the school is installed , cctv installed	Planting of trees	1.8 M	CGK	2024
"	"	Construction of administration	Administration block is	Construction of office block	Greening of the front yard of the	2M	CGK	2025

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		block	constructed	with a strong room	office			
"	"	Construction of staff quotas	Staff quotas is constructed	2 Self-contained houses	Greening of the front yard of the office	1.8M	CGK	2026
"	"	Construction of ablution block	Ablution block is constructed	-	-	1M	CGK	2027
kamiigua	kabare	Construction of administration block	Administration block is constructed	Construction of office block with a strong room	Greening of the front yard of the office	3.5m	CGK	2023
		Construction of ablution block eco toilets	Ablution block is constructed	-	-	1.5m	CGK	2024
		equipping of boys a dormitory	Dormitory is constructed.	50 double décor beds to be supplied	-	500,000	CGK	2023
		Construction of complete girls dormitory	Dormitory is to be constructed and equipment supplied.	40 double décor beds to be supplied	-	4.5 M	CGK	2026
		Upgrading and construction of classes	Upgrading of the semi-permanent classes 4 of them			4m	CGK	2025
		Construction of modern kitchen and	To be built			2m	CGK	2024

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		ground staff						
Kiamwathi		Construction of twin workshop				2.5	CGK	
		Construction of admin block				1.5	CGK	
		Construction of ablution block				1.5	CGK	
		Fencing				1.5	CGK	
Perimeter fence-Ndiriti	Mukure	Enhance security	Security	construction	Planting of trees	2million	CGK	2023
Construction of Metal gate-Ndiriti	Mukure	Enhance security	Security	construction	Landscaping	0,5 million	CGK	2023
Washrooms for gents and ladies- Ndiriti	Mukure	Improve sanitation	Sanitation	construction	Planting of flowers	1.5 million	CGK	2023-2024
Dining Hall and kitchen- Ndiriti	Mukure	Increase enrolment	Health & Sanitation	construction	Planting of trees	2million	CGK	2024-2025
CCTV security systems- Ndiriti	Mukure	Improve on security	Security	installation	Planting of trees	0.5million	CGK	2023
W/Shop and strong room-Ndiriti s	Mukure	Increase enrolment/security	Safety of equipment	construction	Planting of trees	1.5million	CGK	2024
Computer laboratory-Ndiriti	Mukure	Increase enrolment	ICT literacy	construction	Tree planting	2million	CGK	2023-2024
Training Materials and equipment-Ndiriti	Mukure	Improve quality of training	Improve quality of training	Procurement	Tree planting	5M	CGK	2023-2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Fencing and Installation of CCTV-Kibingoti VTC	Kiini	Fencing and Installation of CCTV	.ICT literacy	Fencing	Planting of trees	1.5	CGK	2023-2024
M.V.M Shade & Service bay-Kibingoti VTC	Kiini	M.V.M Shade & Service bay	m.v.m shade	Shade & service bay	Greening the front	1.5M	CGK	2024-2025
Construction of administration block- Kibingoti VTC	Kiini	Construction of administration block	Administration block is constructed	Construction of office block with a strong room	Greening of the front yard of the office	2M	CGK	2025-2026
Construction of twin workshop-Kibingoti VTC	Kiini	Construction of twin workshop	Twin workshop	2 workshop and fully equipped	Greening of the front yard	2.5M	CGK	2026
Construction of ablution block, kitchen, and dining hall-Kibingoti VTC	Kiini	Construction of ablution block, kitchen, and hall	Ablution block, kitchen, and hall are constructed	Construction	Planting of flowers	4 M	CGK	2027
Procurement of Training Materials & equipment-Kiambwe VTC	Mukure	Improve quality of training	Improve quality of training	Procurement	Tree planting	5M	CGK	2023-2027
Construction of modern Ablution block-Kiambwe VTC	Mukure	Improve on sanitation	Ablution block	Construction	Planting of 200 coffee trees	1,500,000	CGK	2023
Renovation of workshops-	Mukure	Make the learning environment safer	Improvement of Workshops	Renovation	Planting trees	1,500,000	CGK	2024



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Kiambwe VTC								
Equipping of ICT centre and installation of CCTV cameras- Kiambwe VTC	Mukure	Improve quality of learning and security	Modern equipment	Equipping & Installation	Planting of flower plants	1,000,000	CGK	2024
Construction of male dormitory- Kiambwe VTC	Mukure	Accommodate increase in enrolment	New dormitory	Construction	Water harvesting gutters	3,000,000	CGK	2025-2026
Construction of female dormitory- Kiambwe VTC	Mukure	Accommodate increase in enrolment	New dormitory	Construction	Planting of trees	3,000,000	CGK	2026
Construction of Multi-purpose hall- Kiambwe VTC	Mukure	Provide safe dining environment	New Hall	Construction	Planting of trees	3,000,000	CGK	2027
Procurement of Training Materials & equipment- Kiambwe VTC	Mukure	Improve quality of training	Improve quality of training	Procurement	Tree planting	5M	CGK	2023-2027
borehole solar powered	Thiba Wamumu	To access clean water	150 trainees	2 functional solar powered borehole	Plant more trees & flower plants	5	CGK	1year
Ablution block	Thiba Wamumu	To improve sanitation levels	150 population	2 modern ablution block for female & male with urinal and		3	CGK	1yr

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				disabled facility				
Modern ICT block fully equipment	Wamumu	To enhance skills & innovation	250	3 modern fully equipped ICT block		10.5	CGK	1 yr
Motor vehicle shed with inspection pit	Wamumu	To enhance quality skill	100	1 fully equipped motor vehicle shed with inspection pit		2.5	CGK	1 yr
Installation of CCTV cameras	Thiba Wamumu Mutithi(Kiamikuyu)	To improve security	9	9 camera for cctv surveillance		0.45	CGK	3yrs
security personnel		To improve security	6	6 security guards recruited		5.4	CGK	5yrs
Renovation of 1no workshop,	Nyangati ward(Nyangati vtc)	Improve quality of learning environment	Number of workshop renovated	Shade constructed	Planting trees , flowers & grass	1M	CGK	2023
Construction of dining hall kitchen and equipping them	Nyangati ward	Enhance welfare	Number of dining hall & kitchen constructed	An equipped dining hall n kitchen	Planting trees , flowers & grass	3m	CGK	2024
Construction of ICT LAB that is fully equipped with 15 computers and heavy duty printer, with internet connectivity	Nyangati ward	Improve quality of learning & enrollment	Number of ICT LAB constructed , computers installed and printer installed plus internet connectivity	Ict Lab Constructed And 15 Computers Installed With Internet Connectivity	Planting trees , flowers & grass	3m	CGK	2025

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of a masonry shade	Nyangati ward	Improve quality learning	Number of masonry shade constructed	Administration block constructed and equipped	Planting trees , flowers & grass	1m	CGK	2023
Construction of administration block and equipping it	Nyangati ward	Improve service delivery	Number of administration block constructed	No of administration block constructed	Planting trees , flowers & grass	2m	CGK	2026
Supply of training materials & equipment's	Nyangati ward	Enhance quality training	Number of equipment's & training materials supplied	Amount of materials supplied		5M	CGK	Consecutive 5 yrs
Provision of human resource (trainers)	Nyangati ward	Improve quality learning& enrollment	Number of trainers & support staff hired	No of trainers employed	Labor for greening	2.5M	CGK	Consecutive 5 yrs
Utility bills	Nyangati ward	Provision of electricity & water	Connected to water & electricity	Connected to water & electricity	Availability water for greening	2.5m	CGK	Consecutive 5 yrs
Strategic, Physical and structural planning	Nyangati ward	Improve proper planning	No of plans	No of plans	Creating space for greening	1m	CGK	2023
Hiring of security officers & establishing / enhancing security of our strong rooms	Nyangati ward	Improve security	Number of security officers hired	Number of security officers hired	Labor for greening	2.5m	CGK	2023

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Expansion a fully equipped of ICT LAB that can accommodate 100 trainees at ago Have multiple rooms to allow self- study and discussion & online study	Tebere ward(Mucii-wa urata)	Increase institution capacity & enrollment	No of ICT LAB expanded	No of ICT LAB expanded	Planting trees , flowers & grass	10m	CGK	2023
Construction of a complex building hosting institution catering class kitchen a classroom & dining hall	Tebere ward	Increase institution capacity & enrollment	No of complex building built	No of complex building built	Planting trees , flowers & grass	15m	CGK	2024
Construction of a complex workshop & fully equipped (accommodating 5 trades)	Tebere ward	Increase institution capacity & enrollment	No of complex building built	No of complex building built	Planting trees , flowers & grass	12m	CGK	22025
Construction of one technical drawing workshop fully	Tebere ward	Increase institution capacity & enrollment	No of workshop built	No of workshop built	Planting trees , flowers & grass	3m	CGK	2026

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
equipped								
Completion of auto garage	Tebere ward	Improve security of equipment installed	No of doors installed	No of doors installed	Planting trees , flowers & grass	0.4m	CGK	2023
Construction of Ablution block that can serve 1000 persons of both genders	Tebere ward	Improve sanitation	No of ablution block built	No of ablution block built	Planting trees , flowers & grass	3m	CGK	2024
Fencing the compound with the front & side adjacent to the market to have perimeter wall and a concrete gate	Tebere ward	Improve security	Fence built	Fence built	Planting trees , flowers & grass	7m	CGK	2027
Supply of training materials & equipment's	Tebere ward	Improve quality of learning & increase enrollment	Number of equipment's & training materials supplied	Number of equipment's & training materials supplied		5M	CGK	Consecutive 5 yrs
Provision of human resource (trainers)	Tebere ward	Improve quality of learning & increase enrollment	Number of trainers & support staff hired	Number of trainers & support staff hired	Labor for greening	2.5M	CGK	Consecutive 5 yrs
Utility bills	Tebere ward	Provision of water & electricity	Smooth learning	Smooth learning	Availability of water for greening	2.5m	CGK	Consecutive 5 yrs
Hiring of security officers & establishing /	Tebere ward	Improve security	Number of security officers hired	Number of security officers hired	Labor for greening	2.5m	CGK	Consecutive 5 yrs

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
enhancing security of our strong rooms								
Strategic, Physical and structural planning	Tebere ward	Improve planning	No of plans	No of plans	Space for greening	1m	CGK	2023
Ablution block	Murinduko ward	Improve sanitation	Number of ablution block built	Number of ablution block built	Planting trees , flowers & grass	1.5m	CGK	2023
Office block	Murinduko ward	Improve services delivery	Number of office block built	Number of office block built	Planting trees , flowers & grass	2m	CGK	2024
Landscaping	Murinduko ward	Improve learning environment	Area landscaped	Area landscaped	Planting trees , flowers & grass		CGK	2025
Ict lab and fully equipped	Murinduko ward	Improve quality of learning & increase enrollment	Number of ict lab built & number of computers installed	Number of ict lab built & number of computers installed	Planting trees , flowers & grass	2.6m	CGK	2026/2027
Supply of training materials & equipment's	Murinduko ward	Improve quality of learning & increase enrollment	Number of equipment's & training materials supplied	Number of equipment's & training materials supplied		5M	CGK	Consecutive 5 yrs
Provision of human resource (trainers)	Murinduko ward	Improve quality of learning & increase enrollment	Number of trainers & support staff hired	Number of trainers & support staff hired	Labor for greening	2.5M	CGK	Consecutive 5 yrs
Strategic,	Murinduko ward	Improve planning	No of plans	No of plans	Space for greening	1m	CGK	2023

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Physical and structural planning								
Hiring of security officers & establishing / enhancing security of our strong rooms	Murinduko ward	Improve security	No of security officers hired & strong room enhanced	No of security officers hired & strong room enhanced	Labor for greening	2.5m	CGK	Consecutive 5 yrs
<b>Kaitheti vtc</b> -construction and furnishing of two classroom block	Kerugoya	Increase enrolment		construction and furnishing of two classroom block	Planting of grass and flowers	3,500,000	CGK	One year
-construction and furnishing of girls dormitory with bio digester		Increase enrolment		construction and furnishing of girls dormitory	Planting of grass and flowers	4,500,000	CGK	One year
Provision of a institution nurse		Good health care		Provision of a institution nurse			CGK	One year
Construction of an modern ablution block		Good sanitation		Construction of an modern ablution block	Planting of grass and flowers	2,000,000	CGK	One year
Supply of training materials		Increase enrolment		Supply of training materials		5,000,000	CGK	
Construction of		Increase		Construction of	Planting of grass	2,000,000	CGK	One year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
an institution store		accountability		an institution store	and flowers			
Improvements of pavements-cabros		Improved drainage		Improvements of pavements-cabros	Planting of grass and flowers	3,500,000	CGK	One year
<b>Mutitu vtc</b> Upgrading mvm shed	Kanyekiini	Increase enrolment		Upgrading mvm shed	Planting of grass and flowers	1,000,000	CGK	One year
-construction and furnishing of two classroom block		Increase enrolment		construction and furnishing of two classroom block	Planting of grass and flowers	3,500,000	CGK	One year
Construction of an administration block		Increase enrolment		Construction of an administration block	Planting of grass and flowers	3,500,000	CGK	One year
Landscaping and pavement		Increase enrolment		Landscaping and pavements	Planting of grass and flowers	1,000,000	CGK	One year
Construction of a standard dining hall with a medium modern kitchen		Increase enrolment		Construction of a dining hall and a medium modern kitchen	Planting of grass and flowers	3,000,000	CGK	One year
Construction of computer lab and furnishing the lab with 20 computers, 1 projector and 1		Increase enrolment		Construction of computer lab and furnishing the lab with 20 computers, 1 projector and 1	Planting of grass and flowers	2,500,000	CGK	One year



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
white board.				white board.				
<b>Kiamuthambi</b> -Supply of training materials	Kanyekiini	Increase enrolment		Supply of training materials		2,000,000	CGK	
Construction of an modern ablution block		Good sanitation		Construction of an modern ablution block	Planting of grass and flowers	2,000,000	CGK	One year
Construction of a standard dining hall with a medium modern kitchen		Increase enrolment		Construction of a dining hall and a medium modern kitchen	Planting of grass and flowers	3,000,000	CGK	One year
Sinking of a bore hole and pumping system		Supply of clean water		Sinking of a bore hole	Planting of grass and flowers	1,500,000	CGK	One year
Construction of an modern ablution block		Good sanitation		Construction of an modern ablution block	Planting of grass and flowers	2,000,000	CGK	One year
Supply of ict equipment -20 computers, 1 projector		Increase enrolment		Supply of ict equipment		1,000,000	CGK	One year
Construction of an administration block		Increase enrolment		Construction of an administration block	Planting of grass and flowers	3,500,000	CGK	One year
Construction and furnishing of plumbing and		Increase enrolment		Construction of plumbing and welding	Planting of grass and flowers	2,500,000	CGK	One year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
welding workshop				workshop				

**b) Early Childhood Education**

**Table 1: On-going projects**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of classrooms at Kaminji ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	2,500,000	CGK	October 2022
Construction of classrooms at Kianjogu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	2,000,000	CGK	October 2022
Construction of classrooms at Mathia ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,500,000	CGK	October 2022

**Table 2: New Project Proposals**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
<b>KIRINYAGA CENTRAL</b>								
Construction and equipping of classrooms at Kiamutaira ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	tree growing proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Kiangungu ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	tree growing proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Gatuto ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	tree growing proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Kirima ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	tree growing proper waste management	3,500,000	CGK	December 2027
Renovation of classrooms at Mutuma ECDE centre	Inoi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kangaita ECDE centre	Inoi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kirimunge ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Renovation of classrooms at Mutira ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kianjege East ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Njega ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Mutitu ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kiaritha ECDE centre	Kerugoya	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Construction of exhaustible toilets at Mutuma ECDE centre	Inoi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kangaita ECDE centre	Inoi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of exhaustible toilets at Kirimunge ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kiamutuiru ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Mutira ECDE centre	Mutira	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kianjege East ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kiangungu ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Njega ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Gatuto ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of exhaustible toilets at Kirima ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Mutitu ECDE centre	Kanyekiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kiaritha ECDE centre	Kerugoya	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
<b>KIRINYAGA WEST</b>								
Construction and equipping of classroom at Kianyakiiru ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classroom at Sagana Muslim ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classrooms at Kabonge ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Kariine ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction and equipping of classrooms at Thunguri ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Renovation of classrooms at Kinyakiiru ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kahiro ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classroom at Sagana Muslim ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	- tree growing - proper waste management	400,000	CGK	December 2027
Renovation of classrooms at Kahuhoini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Mathia ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Nguguiini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of	Kiine	To improve	2 No.	Classrooms	- tree growing	800,000	CGK	December

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
classrooms at Thumaita West ECDE centre		infrastructural facilities in ECDE centres	classrooms	renovated	- proper waste management			2027
Renovation of classrooms at Gathuthiini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	3 No. classrooms	Classrooms renovated	- tree growing - proper waste management	1,200,000	CGK	December 2027
Renovation of classrooms at Gacharu ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Ndigaru ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Ndiriti ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Construction of exhaustible toilets at Kinyakiiru ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kahiro ECDE centre	Kariti	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of	Kariti	To improve	1 block	Exhaustible	- tree growing	1,500,000	CGK	December



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
exhaustible toilets at Sagana Muslim ECDE centre		infrastructural facilities in ECDE centres		toilets constructed	- proper waste management			2027
Construction of exhaustible toilets at Kabonge ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Ndigaru ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kiburu ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Ndiriti ECDE centre	Mukure	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kariini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kahuhoini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of	Kiine	To improve	1 block	Exhaustible	- tree growing	1,500,000	CGK	December

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
exhaustible toilets at Mathia ECDE centre		infrastructural facilities in ECDE centres		toilets constructed	- proper waste management			2027
Construction of exhaustible toilets at Nguguini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Thumaita West ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Gathuthiini ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Gacharu ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Thunguri ECDE centre	Kiine	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
<b>KIRINYAGA EAST</b>								
Construction and equipping of classrooms at Kathunguri ECDE centre	Ngariama	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and	Njukiini	To improve	2 No.	Classrooms	- tree growing	3,500,000	CGK	December

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
equipping of classrooms at Ngiriambu ECDE centre		infrastructural facilities in ECDE centres	classrooms	constructed	- proper waste management			2027
Construction and equipping of classroom at Giconjoini ECDE centre	Njukiini	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classroom at Kiaumbui ECDE centre	Njukiini	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classrooms at Kiangombe ECDE centre	Kabare	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Kaboya ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classroom at Gikumbo ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Renovation of classrooms at Kiandai ECDE centre	Baragwi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kiamwathi ECDE	Baragwi	To improve infrastructural facilities in ECDE	2 No. classrooms	Classrooms renovated	- tree growing - proper waste management	800,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
centre		centres						
Renovation of classrooms at Githage ECDE centre	Baragwi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kiathi ECDE centre	Baragwi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Ngariama ECDE centre	Ngariama	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Mwanianjau ECDE centre	Ngariama	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Mugumo ECDE centre	Ngariama	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kianyambo ECDE centre	Njukiini	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Rukenya ECDE centre	Kabare	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		centres						
Renovation of classrooms at Kabare ECDE centre	Kabare	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Karuru ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Thumaita East ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classrooms at Kiambatha ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms renovated	tree growing proper waste management	800,000	CGK	December 2027
Construction of exhaustible toilets at Ngariama ECDE centre	Ngariama	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Mwanianjau ECDE centre	Ngariama	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kianyambo ECDE centre	Njukiini	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		centres						
Construction of exhaustible toilets at Ngiriambu ECDE centre	Njukiini	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kiangombe ECDE centre	Kabare	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kabare ECDE centre	Kabare	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kaboya ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kariru ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Thumaita East ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Gikumbo ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		centres						
Construction of exhaustible toilets at Kiambatha ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Mucagara ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Giconjoini ECDE centre	Njukiini	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kiathi ECDE centre	Baragwi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
<b>MWEA EAST</b>								
Construction and equipping of classroom at Karuangi ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classrooms at Itangi ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Miatuini ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		centres						
Construction and equipping of classrooms at Gold ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Kadawa ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Rupingazi ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Togonye ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classroom at Ikurungu ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classrooms at St. Pauls ECDE centre	Nyangati	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction of exhaustible toilets at St. Pauls ECDE centre	Nyangati	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Renovation of	Murinduko	To improve	1 No.	Classroom	- tree growing	400,000	CGK	December



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
classroom at Karuangi ECDE centre		infrastructural facilities in ECDE centres	classroom	renovated	- proper waste management			2027
Completion of classroom at Ikurungu ECDE centre	Karumandi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	- tree growing - proper waste management	1,000,000	CGK	December 2027
Construction of exhaustible toilets at Itangi ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Miatuini ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Gold ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kadawa ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Rupingazi ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of	Murinduko	To improve	1 block	Exhaustible	- tree growing	1,500,000	CGK	December

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
exhaustible toilets at Togonye ECDE centre		infrastructural facilities in ECDE centres		toilets constructed	- proper waste management			2027
Construction of exhaustible toilets at Wanguru ECDE centre	Tebere	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at St. Pauls ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Karuangi ECDE centre	Murinduko	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
<b>MWEA WEST</b>								
Construction and equipping of classroom at Rukanga ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classrooms at Kangaru ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of classrooms at Rurii ECDE centre	Wamumu	To improve infrastructural facilities in ECDE centres	2 No. classrooms	Classrooms constructed	- tree growing - proper waste management	3,500,000	CGK	December 2027
Construction and equipping of	Wamumu	To improve	2 No.	Classrooms	- tree growing	3,500,000	CGK	December

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
classrooms at Thome ECDE centre		infrastructural facilities in ECDE centres	classrooms	constructed	- proper waste management			2027
Construction and equipping of classroom at Nyaikungu ECDE centre	Thiba	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classroom at Mukou ECDE centre	Thiba	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Construction and equipping of classroom at Gitoo- ini ECDE centre	Kangai	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom constructed	- tree growing - proper waste management	1,750,000	CGK	December 2027
Completion of classroom at Kagio ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	- tree growing - proper waste management	1,000,000	CGK	December 2027
Completion of classroom at ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	- tree growing - proper waste management	1,000,000	CGK	December 2027
Completion of classroom at Rwangondu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	- tree growing - proper waste management	1,000,000	CGK	December 2027
Completion of classroom at Rwangondu ECDE	Mutithi	To improve infrastructural	1 No. classroom	Classroom renovated	- tree growing - proper waste management	1,000,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
centre		facilities in ECDE centres						
Completion of classroom at Kandongu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	tree growing proper waste management	1,000,000	CGK	December 2027
Completion of classroom at Ciagi- ini ECDE centre	Wamumu	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	tree growing proper waste management	1,000,000	CGK	December 2027
Renovation of classroom at Rukanga ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	2 No. classroom	Classroom renovated	tree growing proper waste management	800,000	CGK	December 2027
Renovation of classroom at Kagio ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	tree growing proper waste management	400,000	CGK	December 2027
Renovation of classroom at Rwangondu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	tree growing proper waste management	400,000	CGK	December 2027
Renovation of classroom at Kandongu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 No. classroom	Classroom renovated	tree growing proper waste management	400,000	CGK	December 2027
Renovation of classroom at Ciagi- ini ECDE centre	Wamumu	To improve infrastructural	1 No. classroom	Classroom renovated	tree growing proper waste management	400,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		facilities in ECDE centres						
Construction of exhaustible toilets at Rukanga ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Mutithi ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kagio ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Rwangondu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kandongu ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kangaru ECDE centre	Mutithi	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Thome ECDE centre	Wamumu	To improve infrastructural	1 block	Exhaustible toilets constructed	tree growing proper waste management	1,500,000	CGK	December 2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
		facilities in ECDE centres						
Construction of exhaustible toilets at Ciagi-ini ECDE centre	Wamumu	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Karira ECDE centre	Thiba	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Mukou ECDE centre	Thiba	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Gitoo-ini ECDE centre	Kangai	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027
Construction of exhaustible toilets at Kombo-ini ECDE centre	Kangai	To improve infrastructural facilities in ECDE centres	1 block	Exhaustible toilets constructed	- tree growing - proper waste management	1,500,000	CGK	December 2027

## GENDER AND YOUTH

Table 1: On-going projects

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Purchase of empowerment items.\equipments	County	Empowerment of all women, youths and people living with disabilities	Youth, women and pwd	Capacity building Procure of tents, chairs etc	Procuring environmentally friendly equipment & safe disposal	20,000,000	CGK	5 years
Kaitheri Apparel center	Kerugoya ward	Expansion of the factory to ensure mass and effective production materials	To benefit other county departments e.g. health, education	Procure of machines and related accessories	Rain water harvesting	20,000,000	CGK	5 years

## PWD DEPARTMENT

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Enhancing Mobility and functionality	All wards	To improve access and functionality Restore dignity.	All involved PWDs	Assessment Procurement Fitting Profiling Training	-		CGK, Donors	5 years
Access to information (Braille Technology)	All wards	Ensure access to information for the visually impaired.	All PWDs	Identification Profiling Training,	-		CGK, Donors	5 years

				Procurement Resource allocation.				
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**YOUTH DEPARTMENT**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Youth Empowerment Program	County	To equip youths with necessary skills to help them carry out their day to day activities	Youths	Trainings Training of TOTS Bench marking activities Frequent review on progress Assessment	Incorporating climate change curriculum during trainings	25,000,000	CGK	5 years
Drugs and substance abuse program, mentorship programs, sensitization programs	County	To keep youths safe in our society Enlightening youths on current trends	Youths	Mentorship forums Sensitization forums	Incorporating climate change curriculum during trainings and sensitization	10,000,000	CGK	5 years



**Table 2: New Project Proposals**

**GENDER DEPARTMENT**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Gender based violence center	Kerugoya	Activism against gender violence To create a Safe environment for the victims of gender based violence	Women, youths and pwd	Bench marking Identification of a site Equipping Construction of the center Providing of personnel	Installation of solar panels as source of energy	50,000,000	County government	5 years
Wezesha women	County Government	To empower women, youths and pwd To create a revolving fund for women and youths	Women, youths and pwd	Capacity building Profiling Mobilization of groups Formation of new groups Identification of beneficiaries Putting measures to regulate funds	Trainings on environmental preservations during capacity building	50,000,000	County Government and Donors	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Capacity Building for women in various life aspects	County	Equip them with necessary skills that will help them manage their day to day activities	Women	Continuous training indifferent wards across the county Recruitment of TOTs Bench marking activities	Trainings on environmental preservations during capacity building	50,000,000	County Government and donors	5 years
Universal Health Coverage for the elderly and vulnerable	County Government	To ensure provision of quality health care for the vulnerable		Profiling Vetting Liason with relevant bodies		20,000,000	County Government	5 years
Diversification of livelihoods	All county	Reduce vulnerability brought about by climate change impacts	All PWDs	Capacity building. Projects training (Home crafts, Clean energy charcoal, energy saving jikos, Pottery.). Identification and		25,000,000	CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				mobilization of groups. Trade exhibitions Waste management sensitization,				

#### YOUTH DEPARTMENT

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Youth ICT and talent development hub	County government	To nurture youth talents Empower youths Digitalize young generation Create employment	Youths	Identification of site Construction of the center Procurement of ICT gadgets	Use of solar panels as a source of energy	50,000,000	CGK	5 years
Wezesha vijana program	County Government	To empower youth Promote a culture of entrepreneurship among the youth	Youths	Identification of beneficiaries profiling Capacity building Mobilization	Trainings on environmental preservations during capacity building	30,000,000	CGK	5 years
Capacity Building	County Government	Equip them with necessary skills that will help them	Youth	Continuous training in different wards	Trainings on environmental preservations	10,000,000	County Government	5 years

		manage their day to day activities		across the county Recruitment of TOTs Bench marking activities	during capacity building			
Diversification of livelihoods	All county	Reduce vulnerability brought about by climate change impacts	All PWDs	Capacity building. Projects training (Home crafts, Clean energy charcoal, energy saving jikos, Pottery.). Identification and mobilization of groups. Trade exhibitions Waste management sensitization,	Trainings on environmental preservations during capacity building	25,000,000	CGK	5 years

**PWD DEPARTMENT**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs. Millions)	Source of funding	Timeframe
Integrated, vocational training and production centre.(Kamigua Integrated)	Kabare	<ul style="list-style-type: none"> <li>- To mount a one stop centre for wholistic empowerment of PWDs</li> <li>- To establish a production enterprise unit</li> <li>- To empower PWDs towards self-reliance.</li> <li>- To establish parasports courts and fields with capacity to hold national competitions.</li> </ul>	Completion of Kamigua Centre	Kabare	<ul style="list-style-type: none"> <li>Use of solar panels as a source of energy</li> <li>Planting of environmental friendly trees for beautification</li> </ul>	150	CGK	5 years
Establishment of orthopedic assistive technology workshop.	Kerugoya	To produce and provide prosthesis and orthopedic equipment and services to the county.	Physically challenged PWDs.	<ul style="list-style-type: none"> <li>-Identification of space</li> <li>-Preparation of BQ.</li> <li>-Identification of vendor.</li> <li>-Setting up the space.</li> <li>-Procurement of required equipment.</li> <li>-Retraining of</li> </ul>	<ul style="list-style-type: none"> <li>Use of solar panels as a source of energy</li> <li>Planting of environmental friendly trees for beautification</li> </ul>	25	CGK	1 year

				personnel.				
Assistive Devices	Headquarters	To provide ease and mobility of involved PWDs	All PWDs	Assessment Procurement Fitting Profiling Training	Procuring environmental friendly assistive devices	25	CGK	5 years
Wezesha PWDs Fund.	All ward	Establishment of a revolving fund.	All PWDs	-Formulation of a special empowerment bill.		20	CGK	2 years
Creation of market centre and business outlets in every sub-county	Kariti Baragwi Mutira Tebere	- Business centers and Kiosks through purchase and partitioning of containers		To enhance county revenue,		5	CGK	
Baseline survey, profiling and documentation of PWDs and their social groups	Headquarters	To have a sound and reliable and up to date database of all PWDs in Kirinyaga county.	All PWDs	-Creation of a survey tool. -Recruitment of personnel to do it. -Collection of information Analyzing data. -Identify areas of intervention.		15	CGK	
Modified/special vehicle	Headquarters	Enable mobility for paraplegic staff within the directorate and clients.	Staff			3	CGK	1
Universal health	Headquarters	Ensure and		-Profiling		15	CGK	

coverage for vulnerable PWDs		provide quality healthcare for vulnerable persons within the county.		-Vetting of vulnerable persons - Liaising and communication with relevant bodies.				
Promotion of Parasport	Headquarters	Identify and develop talent in sports amongst the PWDs	All PWDs	Identification		22.5	CGK	
Diversification of livelihoods	All county	Reduce vulnerability brought about by climate change impacts	All PWDs	Capacity building. Projects training (Home crafts, Clean energy charcoal, energy saving jikos, Pottery.). Identification and mobilization of groups. Trade exhibitions Waste management sensitization,		25	CGK	

## SPORTS, CULTURE AND SOCIAL SERVICES

### New Project Proposals

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of Kamucege social hall	Gathigiriri	To Provide services to residents in the villages	Kamucege village	<ul style="list-style-type: none"> <li>Constructing social hall and a toilet</li> <li>Electrification</li> <li>Purchase of furniture</li> <li>Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>Planting of grass</li> <li>Planting of trees along the fence</li> </ul>	8,000,000	County government	2023-2024
Construction of githogondo social hall	Tebere	To Provide services to residents in the villages	Githogondo village	<ul style="list-style-type: none"> <li>Constructing social hall and a toilet</li> <li>Electrification</li> <li>Purchase of furniture</li> <li>Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>Planting of grass</li> <li>Planting of trees along the fence</li> </ul>	8,000,000	County government	2023-2024
Construction of kagumo social hall	Nyangati	To Provide services to residents in the villages	Kagumo village	<ul style="list-style-type: none"> <li>Constructing social hall and a toilet</li> <li>Electrification</li> <li>Purchase of furniture</li> <li>Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>Planting of grass</li> <li>Planting of trees along the fence</li> </ul>	8,000,000	County government	2024-2025
Construction of kangai	Kangai	To Provide services to	Kangai village	<ul style="list-style-type: none"> <li>Constructing social hall and a</li> </ul>	<ul style="list-style-type: none"> <li>Planting of grass</li> </ul>	8,000,000	County government	2024-2025



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
social hall		residents in the villages		<ul style="list-style-type: none"> <li>toilet</li> <li>• Electrification</li> <li>• Purchase of furniture</li> <li>• Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>• Planting of trees along the fence</li> </ul>			
Construction of Kangu social hall	Nyangati	To Provide services to residents in the villages	Kangu village	<ul style="list-style-type: none"> <li>• Constructing social hall and a toilet</li> <li>• Electrification</li> <li>• Purchase of furniture</li> <li>• Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>• Planting of grass</li> <li>• Planting of trees along the fence</li> </ul>	8,000,000	County government	2025-2026
Construction of Kiandegwa social hall	Wamumu	To Provide services to residents in the villages	Kiandegwa village	<ul style="list-style-type: none"> <li>• Constructing social hall and a toilet</li> <li>• Electrification</li> <li>• Purchase of furniture</li> <li>• Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>• Planting of grass</li> <li>• Planting of trees along the fence</li> </ul>	8,000,000	County government	2025-2026
Construction of matandara social hall	Gathigiriri	To Provide services to residents in the villages	Matandara village	<ul style="list-style-type: none"> <li>• Constructing social hall and a toilet</li> <li>• Electrification</li> <li>• Purchase of furniture</li> <li>• Installation of water</li> </ul>	<ul style="list-style-type: none"> <li>• Planting of grass</li> <li>• Planting of trees along the fence</li> </ul>	8,000,000	County government	2026-2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Construction of rehabilitation Centre	County headquarter	To reduce number of addicts  To provide training, counselling and psycho-social services	Alcohol and other drugs addict	<ul style="list-style-type: none"> <li>• Purchase of land</li> <li>• Constructing rehab Centre</li> <li>• Equipping the facility</li> <li>• Staffing</li> </ul>	<ul style="list-style-type: none"> <li>• Planting of trees</li> <li>• Purchase of solar panel</li> <li>• Provision of waste bins</li> </ul>	100,000,000	County government	2022-2027
Rehabilitation of Kianyaga stadium	Baragwi	To improve sport activities	Kianyaga stadium	<ul style="list-style-type: none"> <li>• Levelling</li> <li>• Putting up of perimeter wall and erecting of a gate</li> <li>• Construction of Dias</li> <li>• Planting of grass</li> <li>• Re-painting of the social hall</li> <li>• Install water system</li> <li>• Construction of modern toilet</li> </ul>	<ul style="list-style-type: none"> <li>• Grass planting</li> <li>• Provision of bin liners</li> <li>• Installing water system</li> </ul>	30,000,000	County Government	2022-2027
Rehabilitation of Kerugoya stadium phase II	Kerugoya township	To improve sport activities	Kerugoya stadium	<ul style="list-style-type: none"> <li>• Construction of Dias</li> <li>• Installation of water system</li> <li>• Construction of modern toilet</li> </ul>	<ul style="list-style-type: none"> <li>• Grass planting</li> <li>• Provision of bin liners</li> <li>• Installing water system</li> </ul>	20,000,000	County Government	2022-2027

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
Installation of Hot water solar system in K.C.H	Baragwi	To improve socio-welfare of the children	Kianyaga Children Home	<ul style="list-style-type: none"> <li>• purchasing of hot water solar system</li> <li>• installing hot water system</li> </ul>	<ul style="list-style-type: none"> <li>• Usage of solar as source of energy</li> </ul>	3,000,000	County Government	2023-2024
Renovation of dormitories	Baragwi	To improve infrastructure	Kianyaga Children Home	<ul style="list-style-type: none"> <li>• Tiling</li> <li>• painting of the walls</li> <li>• Bed maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Grass planting within the compound</li> <li>• Provisions of litter bins</li> </ul>	3,000,000	County Government	2023-2024
Completion of Kianyaga Children's home Managers house	Baragwi	To provide accommodation for the manager/caretaker	Kianyaga Children's home manager	<ul style="list-style-type: none"> <li>• Plastering</li> <li>• Installation of electricity</li> <li>• Painting</li> <li>• Tiling and ceiling board</li> <li>• Levelling the compound area</li> <li>• Window panes fitting</li> <li>• Land scaping</li> </ul>	<ul style="list-style-type: none"> <li>• Grass and flower planting</li> </ul>	3,000,000	County Government	2024-2025
Construction of Kianyaga children's home perimeter wall phase I	Baragwi	To provide security	Kianyaga children's home	<ul style="list-style-type: none"> <li>• Constructing perimeter wall</li> </ul>	<ul style="list-style-type: none"> <li>• Planting grass along the walls</li> </ul>	10,000,000	County Government	2024-2025



**COUNTY EXECUTIVE**

**Sub-Department Name: Information, Communication and Technology**

**Table 1: On-going projects**

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green considerations	Economy	Cost (Kshs.)	Source of funding	Timeframe
Governor’s residence	Baragwi	Provision of official residence	One fully furnished residence	<p>Purchase of land</p> <p>Landscaping</p> <p>Construction of house &amp; Construction of perimeter wall</p> <p>Electricity connectivity</p> <p>Road-spot improvement</p> <p>Furnishing</p>	<p>Efficient use of energy, water and other resources during construction.</p> <p>Good indoor environmental air quality</p> <p>Use of materials that are non-toxic, ethical and sustainable</p> <p>A design that enables adaptation to a changing environment</p>		55M	CGK	1 year
Maintenance of County Headquarter	Nyangati	Improve work environment	County HQ	<p>Repair of toilets</p> <p>Replacing of broken tiles</p> <p>Repair of air conditioner</p> <p>Replacing broken doors</p>	<p>Non-toxic sealants, paints, flooring, cabinetry and countertops.</p> <p>Hard surface flooring for easy cleaning and easy care</p> <p>Abundant natural daylight.</p>		3M	CGK	1year

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
				Biometric door (office of DG)  Repainting  Carpets Replacement				
Revenue Management System	All	Automated revenue collection	Increased revenue collection channels and service points	Enhancement of the revenue management system	Resource efficient by elimination of paperwork.  Preservation of Natural Resources		CGK	2 years
Health Management Information System	All	Automated health care providence	Providing competent services	Enhancement of HMIS Modules Re-training of staff Implementation	Resource efficient by elimination of paperwork.  -		CGK	2 years
Internet connectivity	All	Information dissemination	Reliable and accessible internet in all county offices	Connections of internet in sub county hospitals.  Connection of internet in all revenue offices	Internet enables environmentally positive energy savings through improved efficiency and virtualization of goods and services.  The internet can address developmental challenges by improving well-being, and aiding in information management, monitoring weather, climate, agricultural, or other data		CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities (Key Outputs)	Green Economy considerations	Cost (Kshs.)	Source of funding	Timeframe
					source			
ICT infrastructural upgrading and development	All	Faster delivery of services and enhanced digital inclusivity	Efficient operational ICT Infrastructure	Upgrade equipment and operations Advanced technology	ICT is critical to identifying resources and mapping patterns for better decision-making or public action, and raising the standard of living by facilitating access to information, e-government services, e-commerce, and e-health services, among many others. -		CGK	5 years

**Table 2: New Project Proposals**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
<b>ADMINISTRATION AFFAIRS</b>								
Construction of canteen and staff kiosk(PPP)	Nyangati(H Q)	To create an enabling environment for both staff & visitors	One canteen within HQ premises One kiosk within HQ premises	Landscaping Construction Furnishing	Use sustainable food packaging.  Buy energy-efficient cooking equipment.  Recycle and compost.  Use of eco-friendly cleaning products	15 M	CGK	2 years
Capacity Building	Nyangati(H Q)	To improve service delivery Skills upgrade	4 staff members	Training of the staff	Inclusion of capacity building initiative whose purpose is to strengthen environmental governance that will lead to the adoption of improved environmental practices, technologies, and	5 M	CGK	5 years



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					services.			
Security Surveillance at the HQ	Nyangati(H Q)	Strengthen security surveillance at the county HQ	1 Server 1 55 inch TV screen	Upgrade the storage from 1 terabyte to 10 terabytes  Install a remote server for archiving old camera footages.  Purchase of a 55 inch TV Screen for CCTV monitoring	Keeping an eye on activities like unauthorized waste dumping can help in discouraging the same.	1.5 M	CGK	1 Year
In-house ICT Workshop and Maintenance room	Nyangati(H Q)	For maintenance of office equipment such as printers, scanners, laptops, desktops, cctv, laptops, desktops et al	1 Workshop 2 officers	Identification of an appropriate location/room within the county  Purchase of maintenance equipment  Staffing	Reduction of expenses, so more budget could be allocated to Research and Development (R&D) functions to create and deploy new green technologies and innovations	10M	CGK	5 years
Installation of UPS Governor's	Baragwi Ward	For Power Back up	1 UPS	Purchase of the UPS	Reduction of alternative	3 M	CGK	1 Year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
Residence				Installation of the UPS at Governor's Residence	energy sources that are not green economy friendly. Compared to coal, electricity generated by hydro, wind, solar and geothermal power can bring substantial reductions in greenhouse gases emissions and also of pollutants harmful to human health and ecosystems			
Purification plant for the borehole water at HQ	Nyangati (HQ)	Water purification for Human consumption	1 water purification system	Identification of the most appropriate treatment method  Purchase of the appropriate water	Provision of social and economic opportunities whilst also safeguarding freshwater ecosystem	2M	CGK	1 Year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
				<p>treatment systems</p> <p>Identification of staff to handle the water treatment plant</p> <p>Purification and packaging of water.</p>				
Maintenance of HQ and the Governor's Residence	Baragwi  Nyangati HQ	Maintain overall life and beauty of the buildings and prevent major damages from occurring.	Governor's Residence  HQ	<p>General repair and maintenance</p> <p>Beautification</p> <p>Regular landscaping</p> <p>Repainting</p>	<p>Practice green landscaping by avoiding unwanted pollution caused by gardening activities.</p> <p>Reducing or avoiding use of chemicals, chemical fertilizers,</p>	20 M	CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					pesticides, and herbicides to benefit water, air, and animals around.  Replace items with energy saving furnishings such as LED lights			
Staff Mini-bus	Nyangati	For pooling of staff during functions/events	1 Mini-bus	Purchase of the bus  Hiring the bus driver	Carpooling to minimize CO2 emissions that could otherwise be released by several vehicles on the road.  Social inclusivity which is a major principal of green economy	10M	CGK	1 year

**HUMAN RESOURCE MANAGEMENT**

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
Human Resource Strategic Plan	Nyangati (HQ)	To maintain an optimum staff compliment	1 Human Resource strategic Plan	Development of a Recruitment plan Development of a Succession plan	Inclusion of HRM policies that can stimulate and support the sustainable use of resources and preserve the natural environment.	1 M	CGK	1 Year
Improvement of work environment	Nyangati (HQ)	Improved Service Delivery	10% of total employee population	Skills & Competence needs assessment Alcohol and drug abuse HIV/Aids Baseline survey Work environment Baseline Survey Customer Satisfaction Baseline survey	Social inclusivity which is a major principal of green economy	25 M	CGK	1 year
Establish Human Resource	Nyangati(HQ)	Streamline the training function	Core team of 16 technical	HRD Policy Document	Inclusion of training in green	0.3 M	CGK	1 Year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
Development Policy		for effective service delivery	departmental officers		HR practices that can achieve higher efficiency through electronic filing, job sharing, teleconferencing, and virtual interviews, recycling, , online recruitment and training, energy-efficient office spaces.			
Capacity building	All Wards	Improve capacity of staff to deliver effective services	Induction/orientation On job training  Special assignments  Virtual seminars  CPD/CME Capacity building	Performance improvement  Retirement planning  Culture change Training	Inclusion of <b>GREEN GROWTH CAPACITY DEVELOPMENT PROGRAMME</b>	50 M	CGK	5 Years
Acquisition of ICT equipment for roll up of unified human resource	Nyangati (HQ)	Improved Service Delivery	5 printers 1 Server 6 desktops 2 laptops 3 scanners	Procurement of ICT equipment  Installation of reliable software	ICT decreases direct effects on the environment through improved energy	3 M	CGK	1 Year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					and materials efficiency, reduced use of toxic materials and improved recycling.			
Furnishing of human resource offices	Nyangati(H Q)	Improved Service Delivery	2 fire proof cabinets 4 ordinary cabinets 1 Bulk filler	Procurement of furniture	Sourcing locally-manufactured materials, finishes and FURNITURE Get the best sustainable furniture choices created from recycled items	5 M	CGK	1 Year
Performance Management Contracting	Nyangati(H Q)	Improved Service Delivery	All county staffs	Target identification Negotiation Vetting Signing Continuous M&E Quarterly, Half	Inclusion of Climate change and green economy mandates in the performance contracts of individuals and departments	15 M	CGK	5 Years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
				yearly and Annual Reporting  Half year evaluation. Feedback and celebration/reward and sanction				
<b>RECORDS &amp; ARCHIVE MANAGEMENT</b>								
Renovation & equipping of County records archives	Nyangati(H Q)	Safe custody of documents	To establish county archives within HQ	Renovation of the building/records  Furnishing with moving cabinets, bulk fillers and ordinary cabinets  Appraising and arranging the records/files	Adoption of circular economy principles which can help reduce the use of materials in existing building and minimize emissions embedded in the building material.	5M	CGK	4 years
Digitization & automation of county records	Nyangati(H Q)	Safe custody & elimination of outdated storage systems	Convert analogue materials into digital format	Procurement of ICT equipment(Desk ops, scanners and the OS)  Appraisal of the records	Automation will reduce use of paper thus creating a sustainable environment.	5M	CGK	4 years



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
				Digitizing and automation of Records				
Records appraisal & disposal	Nyangati(HQ)	To preserve information of enduring value & to dispose duplicates information	To have a backup of County information	Consultancy with Kenya National archives and documentation center Appraisal of the records Preservation of the records Disposal of records	Elimination of documents with no use. Decluttering the environment Creation of a cleaner environment	5M	CGK	3 years
Records Storage equipment	Nyangati(HQ)	Safe custody of documents	50 cabinet bays 3000 archive boxes 6000 file folders	Procurement of cabinet bays (50) Procurement of Archive boxes(3000) Procurement of 6000 file folders	Consider Sustainable document scanning and storage services.	7.5 M	CGK	5 years
Training & skills development	Nyangati(HQ)	Enhance performance of	15 archives officers	Trainings conducted	Sensitization on issues	6M	CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
		staffs			surrounding climate change and green economy.			
Recruitment and promotion of staff	Nyangati(H Q)	Enhance productivity of the department	Recruitment of 6 officers  3 staff members to be promoted	Recruitment of staffs  Training and capacity building of all personnel  Promotion of staff	Promotion of online recruitment methods that promote green economy.	6M	CGK	1 year
<b>INFORMATION COMMUNICATION &amp; TECHNOLOGY</b>								
Internet connectivity in county offices	Nyangati(H Q)	Information dissemination	Reliable and accessible internet in all county offices	Connections of internet in sub county hospitals and revenue offices.	The services and applications provided by the Internet of will support the development of the green economy by enhancing the capacity of persons to monitor all manner of natural and human systems in real time, as well	6.1 M	CGK	3 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					as to manage the operations and impacts of these systems in more sustainable way.			
Data center	Nyangati(H Q)	Successful hosting of all data in the county	Accessibility of all county data.	Design, setup & operationalization of the M&E dashboard	Total minimization of paperwork .This means less congestion, cleaner environment, preservation of environment (trees) and therefore sustainable environment and a greener economy.	25 M	CGK	5 years
Asset management system	Nyangati(H Q)	Updated asset register for all county ICT assets	Easily monitor county ICT equipments and their location	Design, setup and development	Reduction on hard copy registers that are not friendly to the environment. Less congestion.	25 M	CGK	2 years
Revenue management system	Nyangati(H Q)	Automated revenue collection	Increased revenue collection channels and service points	Maintenance of the RMS	Consider digital receipts to eliminate paperwork in the	10 M	CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					whole process.			
Project/Performance Management System	Nyangati(HQ)	Automated projects Monitoring and Evaluation/Dashboard viewing of projects.	Efficiency in projects Monitoring and evaluation	Maintenance of the PPMS	Elimination of paperwork. Projects dashboard viewing and reporting is faster, efficient and environmentally friendly compared to physical paperwork reporting.	10 M	CGK	5 years
Hospital Information management system	Nyangati(HQ)	Automated patient information	Ease of access to hospital data	Maintenance of the HMIS	HMIS is likely to facilitate quality of life for everybody, enable resilient operations and ensure minimum pollution. Elimination of paperwork. Automation of services promotes greener environment and	10 M	CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					economy at large.			
<b>ENFORCEMENT</b>								
Purchase and branding of motor vehicles	All	Improved mobility and visibility	4 vehicles for the 4 sub-counties	Procurement of 4 vehicles  Branding of the motor vehicles	Consider timely repair and maintenance of the motor vehicles to reduce air pollution due to carbon emissions.	32M	CGK	2years
Purchase of uniforms both working and ceremonial	All	Enhance visibility of the enforcement officers	All enforcement personnel(100)	Procurement of the uniforms	<b>FOCUS ON BUYING UNIFORMS WITH MATERIALS THAT ARE MORE SUSTAINABLE.</b>	15 M	CGK	3 years
Recruitment and basic training	All	Reduce the personnel to public ratio as per UN standard	100 enforcement officers to be deployed across all wards	Recruitment of personnel	Consider online recruitment in the initial stages  Sensitization of the climate change & preservation of urban areas.(Part of the basic training)	33M	CGK	2 years
Training and skills development	All	Enhance performance of	All enforcement officers be trained	Trainings conducted	Sensitization of the climate	10M	CGK	5 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
		staffs			change & preservation of urban areas			
Enactment of the enforcement bill	All	Enhance public order and achieve conformity with other governing laws	One enforcement bill assented in to act	Drafting of the enactment act Public participation Publishing Sensitization of the act once assent by the County Governor	To be shared mainly through online platforms	5M	CGK	1 years
Building of Sub-county offices	Baragwi Tebere Kariti	To promote conducive working environment	3 offices	Procurement of the contractor Construction Water & electricity connectivity Internet connectivity Furnishing	Efficient use of energy, water and other resources. Use of renewable energy, such as solar energy. Pollution and waste reduction measures, and the enabling of re-use and	15M	CGK	3 years

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					<p>recycling.</p> <p>Good indoor environmental air quality.</p> <p>Use of materials that are non-toxic, ethical and sustainable.</p>			
Renovation of Kerugoya enforcement office (Impounding office)	Kerugoya	To promote conducive working environment	1 office	<p>Procurement of the contractor</p> <p>Furnishing</p> <p>Construction</p> <p>Water &amp; electricity connectivity</p> <p>Internet connectivity</p>	<p>Efficient use of energy, water and other resources during renovation.</p> <p>Good indoor environmental air quality</p> <p>Use of materials that are non-toxic, ethical and sustainable</p> <p>A design that enables adaptation to a changing</p>	3M	CGK	1year

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					environment			
<i>COMMUNICATION</i>								
Purchase of movement Vehicle	Nyangati (HQ)	Increase efficiency in correction and dissemination of information	2 double cabin	Purchasing the vehicle  Assigning a driver  Fueling the vehicle  Servicing the vehicle	Regular service to avoid increased carbon Emissions to the environment	10M	CGK	2 Years
Recruitment of staff	Nyangati (HQ)	For more efficient and effective delivery of service	1 sound technician  1 video editor	Recruitment of 2 officers	Considering online advertisement of the positions.  Online Recruitment  Inclusion of green	8.4 M	CGK	5 Years



Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					economy considerations in the recruitment process.(This could be done through the interview questions etc.)			
Purchase of Communication gadgets	Nyangati (HQ)	Increase efficiency	1 speed light 1 camera cleaner 1 camera battery 2 Laptops 8 hard disks 1 Mifi Router 2 memory cards	Purchasing of communication  Installation of software's	Minimize or totally eliminate use of materials (paper) that are not eco-friendly.  Minimize communication that involves use of paper.	2 M	CGK	1 Year
Capacity Building	Nyangati (HQ)	Skills upgrade	13 staff members	Training of staff	Recycling of training materials  Online training	6.5 M	CGK	July 2023- June 2024

Project Name	Ward	Objectives	Targets	Description of Activities ((Key Outputs)	Green Economy considerations	Cost (Kshs .)	Source of funding	Timeframe
					Sensitization on matters climate change.			

<i>GOVERNORS DELIVERY UNIT(GDU)</i>								
Purchase of GDU movement Vehicle	Nyangati(HQ)	Increase No. of projects to be inspected from 3 to 10 per week	1 double cabin	Purchasing the vehicle Assigning a driver Fueling the vehicle Servicing the vehicle	Regular service to avoid increased CO2 Emissions to the environment	5M	CGK	July 2023- June 2024
Purchase of GDU ICT Equipment	Nyangati(HQ)	Efficiency in operations	6 laptops 1 Printer	Purchasing of 6 laptops Purchasing of 1 printer Installation of software's	ICT decreases direct effects on the environment through improved energy and materials efficiency as well as reduced use of toxic materials.	1.8M	CGK	July 2023- June 2024

Recruitment of staff	Nyangati	To handle GDU unit	4 staff	Recruitment additional GDU staff	Considering online advertisement of the positions.  Online Recruitment  Inclusion of green economy considerations in the recruitment process.(This could be done through the interview questions etc.)	17M	CGK	5years
Capacity Building	Nyangati	Skills upgrade	6 staff members	Training of staff	Recycling of training materials  Online training  Sensitization on matters climate change.	6M	CGK	5 Years
<i>LEGAL</i>								
Purchase of ICT equipment and software (4 computers, all-in-one printer/scanner)	Nyangati(HQ)	Effective and efficient County legal services; compliance with all County laws	4 computers 1 Printer 1 Scanner	Purchase of the ICT equipment  Installation of software	ICT decreases direct effects on the environment through improved energy and materials efficiency as well	2M	CGK	1 year

					as reduced use of toxic materials.  Going paperless means going greener			
Recruitment of staff	Nyangati(HQ)	Effective and efficient County legal services; compliance with all County laws	1 County Solicitor  1 Legal Counsel	Hiring of the additional staff	Online recruitments to reduce on the amount of paperwork	23M	CGK	5years
Legislation of County Laws	Nyangati(HQ)	Good governance and just society	15 laws	Advising on County Bills before assent  Publishing laws after assent	Inclusion of laws that support climate change and the green economy	0.15M	CGK	3 Years
Revision of laws	Nyangati(HQ)	Good governance and just society	15 laws	Revising existing County laws upon requisite amendment.	Revise existing laws to include issues that relate to climate change and green economy	0.15	CGK	3Years
Rendering legal opinions and advice to County Departments	Nyangati(HQ)	Compliance with the law; minimizing risks of litigation for non-compliance	20	Researching on legal issues when they arise  Drafting legal opinions based on research	Publishing the legal opinions online .Going paperless.  Research on legal opinions surrounding climate change	0	CGK	5 Years

					and share with county officers.			
Access to legal information (purchase of reading material at Kenyalaw or other relevant sources)	Nyangati(HQ)	Offer quality legal services to the County through reduction of cases against the County	25	Purchase of reading material at Kenyalaw or other relevant sources	Purchase of soft copy legal material.	0.25 M	CGK	5 Years
Representation of the County by external advocates	Nyangati(HQ)	Offer quality legal services to the County	1	Liaising with external advocates representing the County Government  Managing litigation.  Proposing alternative justice systems  Follow up on implementation of court decrees	Minimize on paper work while executing their legal duties	350 M	CGK	5 Years
Training on Alternative Dispute Resolution (ADR) mechanisms.	Nyangati(HQ)	Offer quality legal services to the County	3	Ensure staff are trained in ADR, particularly Mediation and Arbitration	Compared to litigation and arbitration, mediation seems to be the greener choice due to less exchange of information through massive paperwork.	CGK		3 M

