



REPUBLIC OF KENYA
THE NATIONAL TREASURY AND ECONOMIC PLANNING
FINANCING LOCALLY-LED CLIMATE ACTION PROGRAM
NYANDARUA COUNTY CLIMATE CHANGE FUND
FINANCIAL YEAR: 2024/2025

County Climate Resilience Investments Grant (CCRIG) Priority Projects Work Plan

#	Activity Area	Sub-Activities	Output	Output Indicator	Budget (KES)	Source of funds	Sector %
ENVIRONMENTAL CONSERVATION							
1	Mung'etho dam Integrated Climate Resilience Project - Kirita Ward	Partial Desilting, fencing, planting indigenous trees, Construction of water troughs for livestock and Establishing Greenhouses owned by local communities and Stocking with fingerlings, establishment of trees nurseries, supply of fruit tree seedlings and planting of indigenous trees in the dam area	Dam rehabilitated with climate-resilient features (e.g., spillway improvement, catchment protection). Enhanced water supply, improved livelihoods and nutrition, source of income and labour.	Increased dam water storage capacity, 400 of people served	20,000,000	FLLoCA Grant	
2	Charagita ward Green energy project	Supply and installation of 16 cubic metres capacity biogas units.	36 No of Biogas units supplied and installed: Improved cooking conditions and Less dependence on the natural forest, improved agricultural production from biogas slurry	16 cubic metres of biogas capacity, 36 Households adopting clean energy solutions for heating and cooking	6,000,000	FLLoCA Grant	
3	The Lake Ol Bolossat conservation	Spring protection and rehabilitation of degraded areas in the catchment, Supply of fruit trees and supply of indigenous trees seedlings in schools around the lake	Springs protected and rehabilitated, households provided with fruit trees, primary schools supplied with trees	1 Springs protected (Chepalungu) and rehabilitated, 500 households and 2 Schools	7,537,981	FLLoCA Grant	
4	Silibwet Secondary School Roof water harvesting	School roof catchment system installed (guttering, storage tanks) & tree nursery equipments	40 Cubic metres of water harvesting	Improved tree seedlings production, Reduction in school's water shortages	1,500,000	FLLoCA Grant	
5	North Kinangop Green Energy Project	Construction of individual/ community Biogas plant and school energy saving Jikos	31 No of Biogas units supplied and installed: Improved cooking conditions and Less dependence on the natural forest, improved agricultural production from biogas slurry	1 School unit & 30 Households adopting clean energy solutions for heating and cooking, Reduction in reliance on woodfuel	6,000,000	FLLoCA Grant	

6	Gathanji Green Energy Project	Construction of institutional Biogas plant and School Energy Saving Jikos	31 No of Biogas units supplied and installed: Improved cooking conditions and Less dependence on the natural forest. Improved agricultural production from biogas slurry	1 School unit & 30 Households adopting clean energy solutions for heating and cooking. Reduction in reliance on woodfuel	6,000,000	FLLoCA Grant	
7	Urban forestry initiative	Identify priority public spaces (roadsides, open areas; Source tree seedlings (indigenous and ornamental). Conduct planting, protection, watering	Increased urban green cover and shade in public spaces to reduce on the urban heat island phenomena. Enhanced urban aesthetics and biodiversity	Number of indigenous trees planted, hectares of land reforested or planted	5,000,000	FLLoCA Grant	
8	Riparian and catchment areas restoration initiative	Supply of indigenous trees, grass (bamboo, vetivar, nappier) for rehabilitation of farms and riparian zones along Mbaruku- mitoreni, Turasha, Nyairoko Rivers	Hectareage rehabilitated and Kilometres of riparian areas restored. The number of trees planted. The number and type of Nature based Solution started and implemented	5 hectared rehabilitated and 5 kilometre of riparians rehabilitated	9,300,000	County Contribution	
9	Gathara Ward Renewable energy project - Supply of Biogas plants	Supply and installation of individual biogas units of 16 cubic metre capacity	60 No of Biogas units supplied and installed: Improved cooking conditions and Less dependence on the natural forest. Improved agricultural production from biogas slurry	60 biogas units supplied and installed & Households adopting clean energy solutions for heating and cooking. Reduction in reliance on woodfuel	11,500,000	County Contribution	
10	Environmental and Social impact assessments and NEMA Approvals	Tendering, Contract awarding	EIA Reports and NEMA Approvals	ESIA Reports and NEMA permits	2,918,500	County Contribution	
	Sub Total				75,756,481		20.80%

WATER SECTOR

1	Mukiri Borehole water project-Nyakio Ward	Borehole drilling and casing, solar equipping, storage tank and distribution pipelines to serve Kiumba, nyakio, karaiti and Rurii.	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes. Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	190 households served	11,500,000	FLoCoA Grant	
2	Mutonoyora Borehole community water project-Magumu Ward	Borehole drilling and casing, solar equipping, storage tank and distribution pipelines.	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes. Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 households served	11,500,000	FLoCoA Grant	
3	Moodi borehole water project-Karau Ward	Borehole drilling and casing, solar equipping, storage tank and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes. Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	180 households served	11,500,000	FLoCoA Grant	
4	Kiathi borehole water project-Gatimu Ward	Borehole drilling and casing, solar equipping, storage tank and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes. Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	195 of households served	11,500,000	FLoCoA Grant	
5	Milkeu Primary Borehole Water project-Geta Ward	Drilling of borehole, solar equipping, storage tank and distribution pipes to serve Milkeu Primary, Secondary, dispensary, Market Centre & lower Milkeu residents	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes. Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 households served, 2 learning institutions served with a population of about 800 students, 1 health facility and a market centre	11,500,000	FLoCoA Grant	
6	Kandage Borehole community water project-Njabini Ward	Drilling of borehole, solar equipping, storage tank and distribution pipes	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes. Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 of households served	11,500,000	FLoCoA Grant	

7	Gathiriga Borehole community water project	Borehole drilling and casing, solar equipping, storage tank and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 households served	11,500,000	FLOCCA Grant	
8	Thindi borehole community water project	Borehole drilling and casing, solar equipping, storage tank and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	300 households served	11,500,000	FLOCCA Grant	
9	Niabini Ngwataniro Water Project	Expansion of intake, Construction of storage tanks, Rehabilitation of gravity main and distribution pipelines	Larger intake capacity to meet peak demand and reduce downtime, Enhanced water supply & security and promotion of small scale irrigation, Efficient water flow from source to storage with minimal losses.	1000 people served	19,000,000	FLOCCA Grant	
10	Mwiyumia Community Water Project	Borehole drilling, solar equipping, elevated storage tank and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	Supply water to 300 households	11,500,000	FLOCCA Grant	
11	Mariko/Market Borehole water project-Githabai Ward	Borehole drilling and casing, solar equipping, steel pressed elevated storage tank and distribution pipeline	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 households served	11,500,000	County Contribution	
12	Gichagi-Gitwe-Mahiga Borehole water project-Kipipiri Ward	Borehole drilling, Hybrid solar equipping, storage tanks and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 households served	11,500,000	County Contribution	
13	Kiamburu Borehole water project-Kanjuri Ward	Solar equipping, storage tank and distribution pipelines	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	400 households served	11,500,000	County Contribution	

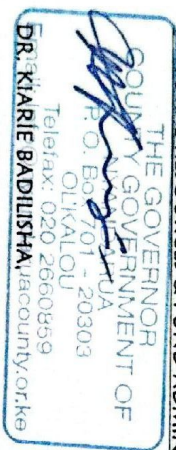
14	Mishore Borehole community water project	Drilling of borehole, solar equipping, storage tank and distribution pipes	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	200 households served	11,500,000	County Contribution	
15	Mbuyu Community Water Project	Distribution network and installation of water meters in (Mithurt, Nyakinywa, Muthiga, Kanyagia, Kindipa)	Enhanced water supply and security, increased community resilience by ensuring reliable access to safe water for domestic purposes, Reduction in Greenhouse Gas (GHG) Emissions through solar-powered pumping	300 households served	11,500,000	County Contribution	
16	Borehole Hydrogeological survey, dams hydrological surveys and WRA Permits	Tendering, Contract awarding	Hydrogeological survey reports, WRA drilling authorization, WRA abstraction permit	13 borehole hydrogeological reports	2,200,000	County Contribution	
AGRICULTURE SECTOR				Total Kes	182,200,000		50.02%
1	Livestock Farming- Shamata Ward	Supply of Dairy goats, bulking and multiplication of Fodder to registered community groups (women, PWLDs and Youths)	Livelihood diversification to create climate change resilience and improved livestock productivity through climate-smart practices	225 of dairy goats supplied and distributed to groups. Acreage of fodder established	11,500,000	FLLOCA Grant	
2	Pest Irrigation project in Ndaragwa Central Ward	Laying of Gravity Mainline, Reticulation, Establishment of kitchen gardens and supply of fruit tree seedlings, fodder crops and drip irrigation kits	Enhanced water supply, improved nutrition, alternative to rainfed agriculture, improved livelihoods through small scale farming and fodder production	400 people served and supplied by with irrigation kits	11,500,000	FLLOCA Grant	
3	Makara Springs small scale Irrigation project- Mirangine	Laying of Gravity Mainline, Reticulation, Establishment of kitchen gardens and supply of fruit tree seedlings, fodder crops and drip irrigation kits	Enhanced water supply, improved nutrition, alternative to rainfed agriculture, improved livelihoods through small scale farming and fodder production	400 people served and supplied by with irrigation kits	11,500,000	FLLOCA Grant	

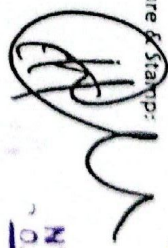
4	Ex major Dam Integrated Climate resilient water project	Storage tank and treatment plant, replacement of existing dilapidated pipelines, extension of distribution networks, pilot house hold fish ponds, Install 20 beehives and necessary equipment Introduce super napier grass and bamboo seedlings for erosion control and small scale irrigation	Enhanced water supply, improved livelihoods through small scale farming, livelihood opportunities for local youth, promoting environmental conservation through pollination, Enhanced agroforestry and biodiversity around the dam area by replacing eucalyptus with indigenous/fruit trees, Reduced soil erosion and improved water retention in agricultural land	5000 beneficiaries including members of households, learning institutions, youths and vulnerable groups, and Livestock	21,000,000	FILoCA Grant	
5	Kamaina Borehole Water project	Drilling of borehole, solar equipping, storage tank and distribution pipes for small scale irrigation	Enhanced water supply, improved nutrition, alternative to rainfed agriculture, improved livelihoods through small scale farming	100 households served	12,000,000	County Contribution	
6	Integrated Climate Resilience Project - Ol'Magogo (Waithima) Community Dam in Murungaru Ward	Partial Desilting, fencing, planting indigenous trees, Construction of water troughs for livestock and Establishing Greenhouses owned by local communities and Stocking with fingerlings	Enhanced water supply, improved livelihoods and nutrition, Source of income and labour.	400 households served	11,500,000	County Contribution	
OTHER CCRIG RELATED COSTS					Sub Total	79,000,000	21.69%
1	Laptops and High resolution Camera for climate change unit digital media reporting	Tendering, Contract awarding	Timely updates on Climate Change projects . Enhancing learning and knowledge storage as well as sharing for future references, Informed citizens on matters climate change and well equipped climate change unit	Digital Camera and laptops	4,000,000	FILoCA Grant	
2	Field Vehicle	Tendering through Government Contract	Supervision, inspection, Monitoring and evaluation of climate resilience projects	Supplied Field Vehicle	7,000,000	County Contribution	
Administrative Costs					Sub Total	11,000,000	3.09%
1	CCRIG Projects Administrative Costs	Administrative structures, CCU operations related to the CCRIG Projects, Enhanced Monitoring, inspection, evaluation and providing the opportunity for learning.	Well Managed, compliant and impact oriented CCRI projects, Delivering Projects and programs that directly and indirectly address the attainment of Sustainable Development Goals.	Compliance Reports	8,200,000	FILoCA Grant	

2 CCRIC Projects Administrative Costs	Administrative structures, CCU operations related to the CCRIC Projects, Enhanced Monitoring, inspection, evaluation and providing the opportunity for learning.	Well Managed and compliant CCRI projects	No of successful and compliant projects	8,066,579	County Contribution	4.47%
			Sub Total	16,266,579		
			GRAND TOTAL	364,223,060		

Prepared by: **NUERI H. NJOROGI,**
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Approved by: **H.E. THE GOVERNOR, NYANDARUA COUNTY**



Signature & Stamp: 
CHIEF OFFICER
 ENVIRONMENT CLIMATE CHANGE
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 29 AUG 2024
 NYANDARUA COUNTY
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