



1st Quarterly Narrative Report for Integrated Rural Development Project in Vihiga & Siaya Counties

**“Scaling up rural development through integrated development initiatives
in agriculture , rural livelihoods, water & sanitation development”**

KUJENGA MAISHA EAST AFRICA

**[Report Prepared by:
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Quarterly Narrative Report

Project Number: 2023-008

Project Title: Integrated Rural Development

Implementing Partner: KUMEA

Project Country: Siaya and Vihiga County, Kenya

Project Duration: 12/2023 – 11/2025

Reporting Period: December,2023 to March,2024

1. General information

1.1. Project summary/project objective

[approx. 10 lines]

The project objective is improve community livelihoods through multiple use of water and scaling up smart agriculture initiatives. The project also addresses climate change through effective harnessing natural resources i.e. harvesting rainwater via Ferro-cement water tanks to reduce soil erosion. The project covers Luanda ,Emuhaya and Vihiga sub counties of Vihiga County.East Gem and Yala sub counties of Siaya County

The project has been targeting schools and target villages identified during the Participatory Rural Appraisal Process. The major aim therefore of the project is to improve quality of life for women and school children through sustainable water livelihoods and horticulture production. The project is also improving school sanitation to enhance girl child education to ensure girls have access to improved sanitation to reduce & mitigate school drop out of girls due to inadequate sanitation facilities in schools. The project also embraces the sustainable development goals as per the key aspects below

The project is earmarked to address 10 out 17 sustainable development goals as follows
Goal1: No Poverty-Reduction of poverty through various water, Agriculture and Natural resource management livelihoods i.e. Fish farming, Vegetable production and agroforestry

Goal 2: Zero Hunger-Ensure to achieve food security and promote sustainable agriculture via tissue banana production, organic farming and conservation agriculture

Goal 4: Quality Education-Support primary schools with access to improved facilities to reduce school drop outs

Goal 5: Gender Quality-The project will provide equal opportunity for farmers' groups and women groups to participate in various activities including Fish farming and other activities i.e. vegetable production

Goal 6: Clean water and Sanitation-Project will assist provision of safe water points to schools via Ferro-cement water tanks and ensure communities have access to safe water points through Shallow well construction, Spring construction and protection. Support schools with Sanitation improvements via Ventilated Improved Pit latrines and support communities with Ecological sanitation for households.

Goal 7: Ensure access to affordable, reliable, sustainable and modern energy-All the shallow wells will be fitted with solar pumping system to improve water access for drinking and also for irrigation hence utilization of clean energy

Goal 10: Reduce income inequalities within and among the communities-By expanding various livelihoods opportunities the project will provide improve incomes for rural communities hence reducing inequalities in income generation-Dairy goat farming is meant to improve incomes and livelihoods for rural women through their groups.

Goal13: Climate action –Take action to combat climate change by development community capacity in water resource management to ensure the water points are protected from pollution during the rains and floods.

Goal 15: Life on land through protect, restore and promote sustainable use of terrestrial ecosystem, sustainably manage forest, combat desertification and halt and reverse land degradation and halt



biodiversity loss-Project will promote agroforestry through promotion of tree seedling development for schools and also ensure adequate vegetation cover around the water points.

1.2. Sources of information

[approx. 10 lines]

Monthly report and activity reports i.e. Participatory Rural Appraisal, Leaders orientation forums and various field visits to ascertain and monitor project activities including inspection of completed water and sanitation facilities and also oversee construction

2. Status of the project's implementation

Overall objective (impact):

A contribution to improved Food Security for target communities and schools in Siaya County and vihiga County in western Kenya has been made.

Project objective (outcome)	Indicators (if possible, also specifying quantity)		
	Actual situation (quantitative and qualitative) <i>Take this from the application</i>	Target situation (objective) (quantitative and qualitative) <i>Take this from the application</i>	Achieved situation (quantitative and qualitative)
The Quality of Life for poor target communities and schools is improved through improved financial situation of households and schools, improved crop yields, access to safe water and improved health.	<p>Target communities have little or no income from agricultural activities.</p> <p>Target communities & schools are prone to diarrhea diseases.</p> <p>The schools have high expenses from fetching water from sometimes poor and unsafe water sources and buying food for the school kitchen.</p>	<p>80% of groups have a higher income from selling vegetables, fish, or goat products (milk, fertilizer, offspring)</p> <p>80% of the group members notice a decrease in illnesses in their households or a decrease in expenses for visits to the doctor and medication.</p> <p>80% of schools have noticed a decrease in absenteeism due to illness overall, but especially among girls, using clean water and improved hygienic sanitary facilities.</p> <p>80% of the schools</p>	<p>Leaders Orientation Forums done in 4no. Sub-counties namely Emuhaya, Luanda and Vihiga Subcounties in Vihiga County. Yala/East Gem in Siaya County to initiate project activities</p>

		experience a reduction in expenditure on water due to the ferro-cement tanks and food due to the sustainable cultivation of the school gardens.	
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Sub-objectives (output)	Indicators (if possible, also specifying quantity)		
	Actual situation (quantitative and qualitative) <i>Take this from the application</i>	Target situation (objective) (quantitative and qualitative) <i>Take this from the application</i>	Achieved situation (quantitative and qualitative)
1. The 24 participating groups and 12 schools have 36 operational and fully equipped water points, i.e. 12 protected natural springs, 12 shallow wells and 12 ferro-cement tanks, providing them with sufficient clean and safe water all year round for consumption, fish farming, horticulture and sanitary facilities.	Target communities & schools have inadequate access to safe water. Community members fetch water from over 2 km.	100% of the planned water points have been built and equipped with an easily accessible tap for convenient water withdrawal and a connection for drip irrigation. 100% of the target communities and schools thus have access to safe water points all year round. 100% of the shallow wells are equipped with a solar pump and a 5,000 liter water tank. 80% of the members of the target communities are no further than 0.5 km to 1 km away from the newly built water source.	Water points sites for schools and villages identified in each subcounty through the Participatory Rural Appraisal process 2no. Schools have ferrous-cement water tanks completed in Vihiga subcounty- Chanzeywe Vocational training center and Chandugunyi Primary school 1 no. Under construction in East Gem sub county of Siaya County-Sinaga Primary School 2no. Hand dug wells completed in Vihiga sub county-Imonyelo Self Help Group and Anwa/Jiinue Women group The following are under construction 1. Olalo Women Group-East Gem 2. Ondingo Self help group-East Gem 3. Estray Farmers -Luanda

			4. Abassebu Community Development-Luanda 5. Vukiema Self help Group
2. The pupils at the 12 target schools have access to gender-appropriate and hygienically safe sanitary facilities. In the target villages, the villagers have the option of using composting toilets (= Arborloo Toilettes).	<p>Inadequate ratio for school sanitation.</p> <p>Poor and wanting sanitation situation in most target schools, especially for girls.</p> <p>Little to no possibility of privacy and possibility for girls to practice menstrual management.</p> <p>Inadequate and poor sanitation coverage in target communities.</p>	<p>70% of students in the target schools have access to improved sanitation through the promotion of EM (=effective microorganism) and construction of VIP-latrines including bathing hides for girls.</p> <p>100 % of target schools have formed health clubs for hygiene & sanitation promotion including the provision of hand washing equipment.</p> <p>60% of target communities have access to improved sanitation via Ecological/ Sanplat Sanitation promotion.</p>	<p>2no. Schools Ventilated Improved Latrines are completed awaiting painting-Chanzeywe Vocational Center and Chandunyi primary school 1 no. VIP latrines under construction at Sinaga primary school EM not yet procured due to schools closure for holidays</p> <p>Not yet done</p> <p>Not yet done</p>
3. The target groups and schools engage in sustainable horticulture and are active in agroforestry. Selected target groups actively engage in productive dairy goat farming and fish farming.	<p>Inadequate management of natural resources lead to poor soil quality in target schools & communities.</p> <p>Poor and inadequate farming methods leading to poor food production in target communities.</p> <p>Inadequate dairy farming & production in the target communities.</p>	<p>80 % of target communities and schools are engaged in sustainable horticulture production with sustainable irrigation via drip irrigation.</p> <p>100 % of participating schools and communities are adapting effective natural resource management concepts, that means they have tree nurseries and</p>	<p>Not yet done</p> <p>Not yet done</p>

	<p>Inadequate fish farming in the target communities.</p>	<p>woodlots.</p> <p>80 % of the identified farmer groups have received Saanen dairy goats and are actively involved in dairy goat farming and production.</p> <p>80% of the spring water point groups have established a fishpond and are actively involved in fish farming activities.</p>	<p>Farmers groups identified during the PRA process and verified during the quarterly review meeting</p> <p>Not yet done</p>
<p>4. By working together with the stakeholders integrated into the project, the target communities and schools are able to sustainably supply the water sources themselves, practice good hygiene practices, manage the natural resources in a soil and environmentally friendly and profitable way, and operate profitable fish and goat farming.</p>	<p>Inadequate capacities for water resource management in target schools & communities.</p> <p>Inadequate knowledge of hygiene & sanitation measures in schools and villages.</p> <p>Inadequate knowledge on sustainable agriculture methods in target schools and communities as well as dairy goat management and fish farming in target communities.</p> <p>Inadequate capacity for stakeholder participation & networking for target schools & communities.</p>	<p>100% of participating community groups and schools are trained on water resource management and are provided with manuals on operation & maintenance of water points.</p> <p>100% of participating schools are trained on school hygiene and sanitation.</p> <p>100% of target communities are oriented on ecological sanitation for improved household sanitation.</p> <p>100% of target communities are trained on conservation agriculture, organic farming methods and horticulture production.</p> <p>100% of the target</p>	<p>Not yet done</p> <p>Not yet done</p> <p>Planned for 2nd Quarter-April to June, 2024</p> <p>Not yet done</p>

		<p>schools are trained on vegetable production & agroforestry and have implemented 4K- / Young Farmers Clubs.</p> <p>100% of participating groups are trained on dairy goat management and health.</p> <p>100% of Spring water point groups are trained on sustainable fish farming.</p> <p>80% of participating stakeholders, this is KEFRI, KFS, various Subcounty Departments (Livestock, Agriculture, Water, Education, Public Health) are involved in project support for implementation of various project components and activities.</p>	<p>Not yet done</p> <p>Not yet done</p> <p>Not yet done</p> <p>Liaison meetings to be done in 2nd Quarter</p>
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2.1. Explanations of deviations from the planning

The project has not deviated from the initial plans. All the activities are being implemented as per schedule.

2.2. Status of the implementation of the measures (in comparison to the application and previous report)

The project started with leaders orientation forums in the 4no. Sub-counties of Emuhaya, Luanda and Vihiga in Vihiga County. Yala/East Gem sub-counties in Siaya County. This was followed by the Participatory Rural Appraisal process in the 4no. Sub-counties. During the PRA process communities verified the information provided by PRA teams and also agreed and made recommendations on the selected sites for water and sanitation improvements.

The selected sites have been given a period of one month to mobilize materials and resources towards construction of water and sanitation facilities in schools and respective villages through farmers & self help groups. So far the progress is encouraging with 2no. Hand-dug wells completed, 2no. Ferro-cement water tanks completed and 2no. VIP latrines done. 5no. Hand-dug wells are under construction and 1no. Ferro cement water and VIP Latrines under construction. Springs sites are still mobilizing materials and we expect to start construction of springs in the next quarter.

2.3. Obstacles in implementing process and ways to overcome them

Delays in the mobilization of materials has been noted for spring water points and some hand-dug well sites due to community calender where community members have been engaged in farm preparation and planting due to the heavy rains attributed to El-Nino and climate change. This has slowed construction of springs. Also the heavy rains has affected construction of the hand-dug wells due to storm water hence slow pace of well-construction. The closure of school for holidays in late march will reduce material mobilization in schools due to absence of teachers in schools who are supposed to organize material contribution in target schools. We therefore hope when the rains reduces the implementation will proceed on well for spring and hand-dug wells. Opening of schools in may, 2024 will also enable schools mobilize appropriate materials required for construction of water and sanitation facilities.

3. Mobilization and Inclusion of the target group

The PRA process enabled the project to include all the stakeholders and target groups hence effective mobilization of target groups. Each sub-county has identified schools and community groups to be involved in project activities. During the PRA process Luanda, Emuhaya and Vihiga sub-counties had identified three groups per sub-county to benefit from the dairy goats. Through stakeholders engagement during the quarterly review meeting it agreed 1 no. Group per county will receive the dairy goats then pass-on to other groups after one-year.

4. Assessment of the ongoing course of the project including lessons learned.

[Please describe any particular successes or difficulties in implementation, reasons for delays and deviations in the timeline, and emphasize the lessons learned from the project].

5. Reporting on requirements in the funding contract

[approx. 10 lines – Please check requirements and make sure to submit e.g., pictures and success stories in addition to this report as requested in the project agreement].

6. Additional remarks

PROJECT PHOTOS



1.0 Culverts production for hand dug well construction at Ebukolo chief Office,Emuhaya sub-county



2.0 Completed 30,000litres Ferrous-cement water tank for Chanzeywe Vocational Training Center in Mungoma Location ,Vihiga Sub-county



3.0 Completed 30,000 Ferro-cement water tank for Chandugunyi Primary School in South Maragoli location ,Vihiga Sub-county



4.0 Ventilated Improved Pit-latrines & bathing hide for Girls under construction for Chandugunyi Primary School in South Maragoli location ,Vihiga Sub-county



5.0 Ventilated Improved Pit latrines & Bathing hide for Girls at Chanzeywe Vocational Training Center in Mungoma Location, Vihiga Sub-county (Nearing completion—only painting works & branding pending to be done)



6.0 Completed Anwa/Jiinue Women Group hand dug well in Central Maragoli location, Vihiga sub-county—awaiting solar pump installation



7.0 Completed Imonyelo Self Help Group Hand dug well in Mungona location of Vihiga Sub-county



8.0 Leaders Orientation forum for Emuhaya sub-county



9.0 Leaders making consultation during Leaders Orientation forum for Yala sub-county at Government hall in Yala township



10.0 Leaders Orientation forum for Luanda at Luanda Oasis Hotel in Luanda township



11.0 Quarterly Review forum & meeting for Integrated Rural Development Project in Luanda Oasis hotel-participants reviewed implementation and made plans for next quarter.



12.Stakeholders and community members participating in the quarterly review meeting