

KUJENGA MAISHA EAST AFRICA-KUMEA

**IGEMBE DAIRY LIVELIHOODS, HORTICULTURE, AGROFORESTRY & BEE-KEEPING PHASE -3 PROJECT -2ND QUARTERLY REPORT
MAY, 2022-SEPTEMBER, 2022**



OCTOBER 2022

Report Prepared By:

Peter M. Okaka,

Programs Coordinator-KUMEA

APPENDIX 1

Interim Narrative Report

For the attention of

<Address and contact person for the project>

Martin Petzoldt

Program Coordinator-NAK-Karitative

10th October,2022

Nairobi, Kenya

| | | | |
|----------------|--|-------------------|--------------------------------------|
| Partner | Kujenga Maisha East Africa-KUMEA | Project Number: | 2017-012 |
| Project Name | Igembe Dairy Livelihood, Horticulture, Agroforestry& Bee-Keeping Phase 3 Project | Project Duration | 18Months-January,2022 to August,2023 |
| Project Leader | Peter M. Okaka | Reporting period: | May,2022-September,2022 |

1. General Information

1.1. Project Information

1.2. The project has carried key project implementation outputs in all the key components. 5no. Ferrocement were constructed in 5no. Schools as per the plan. Procurement and distribution of the dairy goats was done. Respective groups goat their dairy goats as per the distribution arrangements. The 4no. groups involved in dairy milk production and horticulture production were provided with horticulture production seedlings to enhance vegetable production by setting up seedbeds and distribute them to group members. The project also provided horticulture seedlings to 6no. target schools and installed drip irrigation system to enhance horticulture production in the respective schools. Procurement 120 Modern bee-keeping equipment was done for the 2no. Groups involved in Bee-keeping. In addition, training was carried out for the 2no. groups involved in bee-keeping to enhance their capacity in honey production

List the indicators of the **Specific Objective**, and provide level of achievement.

| Specific Objective, | Level of achievement |
|---|---|
| 1. Improve dairy goat milk production and livestock products for increased income and livelihood support for farmers in Igembe region | 1. Purchase and procurement of 100no. Dairy goats (20no. Sanaan Bucks and 80no. German shepherd Alpine Does) Goats distributed to groups as per criteria |
| | 2.Training of dairy farmers groups on breeding and feeding management for improved dairy goat management |
| 2. Improve horticulture production through organic farming at household level & target schools. | 1. Provision of horticulture seedlings to 6no. schools and setting up drip irrigation systems to support horticulture production 2. Provide seedlings to 4no. groups to support households horticulture production |
| 3. Improve access to dairy goat products through promotion of value additions | 1. Assessment of value chains alternatives for improved livelihoods |
| 4. Improve bee-keeping &honey production for livelihoods | 1. Procurement of 120 bee hives (60no. per group) for the 2no. groups for honey production 2. Training of 2no. bee-keeping groups on modern bee-keeping methods |

2. Project Implementation

2.1. Results and activities

3. Project Implementation

3.1. Results and activities

| Specific Objective | Activities | Planned | Actual | Comments |
|--|---|--------------------------------|---------------|---|
| Improve dairy goat milk production and livestock products for increased income and livelihood support for farmers in Igembe region | Project orientation workshop & forum | 2no. | 1no. | 1no. workshop forum integrated all the target groups & schools |
| | Animal Husbandry training | 1no. | 1no. | Training carried out in the first quarter |
| | Animal health & veterinary training | 1no. | NIL. | Not yet done |
| | Breeding & feeding management training | 1no. | 1no. | Training done for the 4no target groups |
| | Procurement & purchase of dairy goats | 1no.(procure 20bucks & 80does) | 1no. | Procurement done for 20no. Sanen Bucks and 80no. German Alpine Does. Goats delivered to groups as per schedule |
| Improve horticulture production through organic farming at household level & target schools. | Support school infrastructure with access to water supply to support school horticulture & agroforestry (Ferro-cement water tanks construction) | 5no. | 5no. | All 5no. Ferro-cement tanks completed and in-use |
| | Horticulture and organic farming training | 1no. | NIL | Not yet done |
| | Support provision of horticulture & agroforestry seedlings | 6no. schools | 6no. schools | Provided 6no. schools with horticulture seedlings & establish drip irrigation to support horticulture production in the schools |
| Improve access to dairy goat products through promotion of value additions | Value chains training | 1no. | NIL | Not yet done |
| | Study tours /Exchange visits | 1no. | NIL | Not yet done |
| | Formation of cooperatives | 1no. | NIL | Not yet done |
| Improve bee-keeping & honey production for livelihoods | Training on modern bee-keeping | 1no. | 1no. | Carried out in September, 2022 |
| | Procurement & purchase of bee-keeping hives & kits | 120 hives (60 per group) | 1no. | Procured in August 2022 and delivered in September 2022 to the 2no. target groups |

3.2 Project Implementation schedule

| Activity/ Milestones | Year 1 | | | | | | | | | | | | Half-year -2 | | | | | | Implementing body |
|---|---------|---|---|---|---|---|---|---|---|----|----|----|--------------|---|---|---|---|---|-----------------------------|
| | Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6 | |
| Activity 1.1 Community project orientation meeting: | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.2 Construction of animal stables /pens | | | | | | | | | | | | | | | | | | | Women groups |
| Activity 1.3 Conduct training on animal husbandry management: | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.4 Conduct training on animal health and veterinary services. | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.5 Training on feeding and breeding Management: | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.6. Purchase and distribution of dairy goats to selected farmers: | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.7 Facilitate provision of extension services and regular monitoring: | | | | | | | | | | | | | | | | | | | KUMEA and COUNTY GOVERNMENT |
| Activity 1.8. Facilitate learning and exposure tours for farmers to groups with best replicable practices: | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.9. Conduct training on horticulture & organic farming methods for food sufficiency /production for farmers & target schools | | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.10 Establish demonstration farms in target schools with support of 4Kclubs for horticulture promotion | | | | | | | | | | | | | | | | | | | KUMEA & Respective schools |

| | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------|
| Activity 1.11 Provision of horticulture seedlings and accessories support to farmers and schools. | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.12: Conduct quarterly horticulture production review meeting with respective schools and farmers: | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.13 Train farmers & groups on modern beekeeping & honey production process | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.14. Procurement of modern Bee-hives & accessories for farmers & groups | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.15 Train selected farmers on value chain addition: | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.16 Facilitate training for selected farmers on markets linkages, business development services and financial literacy; | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.17 Formation of farmers association for Marketing of honey & milk products through establishment value chains | | | | | | | | | | | | | | | | | | KUMEA |
| Activity 1.18 Construction of water points to support school horticulture production | | | | | | | | | | | | | | | | | | KUMEA & RESPECTIVE SCHOOLS |
| Documentation of lessons learnt | | | | | | | | | | | | | | | | | | KUMEA |
| Conduct exit meeting with farmers | | | | | | | | | | | | | | | | | | KUMEA |
| End-term project evaluation | | | | | | | | | | | | | | | | | | KUMEA |
| Auditing | | | | | | | | | | | | | | | | | | KUMEA |

1.3 Target group

The 4no. target groups involved in dairy goat milk production were able to get additional goats- 20no.Sanaan bucks and 80no. German Alpine dairy goats. The criteria for allocation was based on the completion of the shade for the upkeep of the dairy goats and the contribution of the relevant fees i.e. kshs.5, 000 for the veterinary scheme for the maintenance of the dairy goats.

The groups also received 2no. training mainly on animal husbandry and animal breeding &feeding to improve the capacity of the groups in dairy goat management especially new members co-opted in the group and the new groups that have been involved in the scaling up of dairy goat farming.

5no.Ferro-cement water tanks were completed for the 5no. target schools namely Nkiri Primary school, Ntuene Secondary school, Thaicu Secondary school, Akui day secondary school and Karumaru Secondary school. All the schools have initiated horticultural farming hence the project supported the school with the installation of the drip irrigation kits and provision of seedlings to enhance horticultural production through the involvement of 4K clubs for respective schools.

The women dairy goats group received additional seedlings for horticulture production to enhance vegetable production at households' level.

Training was carried out for groups involved in bee keeping to enhance their skills and capacities on Modern bee-keeping methods. This was followed by the procurement of the 120no. Bee –hives for promotion of bee-keeping methods/farming. The beehives are to benefit the 120members drawn from the 2no. Beekeeping groups i.e.60 per group

1.4 Income generating projects (if applicable)

The groups will diversify their incomes with the introduction of vegetable production through horticulture. Schools will also save on expenditure for vegetable purchased via vegetable production through horticulture support /drip irrigation. The funds saved from the schools will reduce the burden on parents and children fees. In the next report, we shall assess the incomes gained by women groups and the schools for horticulture production support.

1.5 Stakeholders and partners

The project has worked with the livestock department in undertaking the various capacity building i.e. animal husbandry and feeding &breeding training for the target groups. The bee-keeping training was also supported by the agriculture office through provisions of key facilitators. The project also engaged AMIRAN-Kenya for purchase of the drip irrigation kits at affordable rates for schools and also procurement of seedlings for horticulture production.

The project shall continue engaging stakeholders for increased production and marketing of milk products. The project is in the process of contacting the investors involved in production of soaps from goat milk with view of accessing sustainable markets for milk.

1.6 Challenges and Problems

1.7 Explain any challenges or problems occurrences and how they have been tackled.

What is the way forward?

The school calendar has been quite erratic during and after the corona situation. The general election campaigns disrupted project operations due to most community members engaged in the campaigns. No training could take place due to venues booked by politicians and political parties. Also the election processions disrupted the community mobilization activities hence less productivity due to the competing interests during the political campaigns which have often brought social instability. Therefore, most of the activities were rescheduled to commence after the elections hence delay in report preparations.

FOR THE NEXT PERIOD & BUDGET

| | Year 1 | | | | | | | | | | | | Half-year -2 | | | | | | BUDGET |
|---|---------|---|---|---|---|---|---|---|---|----|----|----|--------------|---|---|---|---|---|------------------|
| Activity/ Milestones | Month 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6 | (Kshs) |
| Activity 1.5 Training on Animal health & Veterinary services | | | | | | | | | | | | | | | | | | | 126,000 |
| Activity 1.7 Facilitate provision of extension services and regular monitoring: | | | | | | | | | | | | | | | | | | | 48,000 |
| Activity 1.8. Facilitate learning and exposure tours for farmers to groups with best replicable practices: | | | | | | | | | | | | | | | | | | | 110,000 |
| Activity 1.9. Conduct training on horticulture & organic farming methods for food sufficiency /production for farmers & target schools | | | | | | | | | | | | | | | | | | | 231,000 |
| Activity 1.12: Conduct quarterly horticulture production review meeting with respective schools and farmers: | | | | | | | | | | | | | | | | | | | 129,000 |
| Activity 1.13 Train selected farmers on value chain addition | | | | | | | | | | | | | | | | | | | 188,000 |
| Activity 1.14 Procure value addition equipment & accessories | | | | | | | | | | | | | | | | | | | 1,000,000 |
| Activity 1.15. Facilitate training for selected farmers on market linkages ,business development services and financial literacy | | | | | | | | | | | | | | | | | | | 76,000 |
| Activity 2.2 Project Monitoring | | | | | | | | | | | | | | | | | | | 750,000 |
| Activity 2.5 Transport for Extension Officer/operation & maintenance costs | | | | | | | | | | | | | | | | | | | 36,000 |
| 3.0 Staff costs | | | | | | | | | | | | | | | | | | | 1,837,000 |
| Totals | | | | | | | | | | | | | | | | | | | 4,531,000 |

Supporting documents:

APPENDIX 2A

APPENDIX 2B

Date: 10th October 2022

Signature:

A handwritten signature in blue ink, consisting of a series of loops and a long horizontal stroke extending to the right.

PROJECT PHOTOS FOR ACTIVITIES UNDERTAKEN DURING THE REPORT PERIOD



1.0 Group members receiving dairy goats delivered after procurement



2.0 Group members with dairy goats' delivered after procurement



3.0 Selection of the Sanaan Bucks for delivery to farmers groups



4.0 Delivery of the dairy goats to the farmers groups



5.0 Delivery of dairy goats to farmers groups in Igembe subcounty



6.0 Training of bee-keeping farmers groups on modern bee-keeping methods



7.0 Plenary session during the bee-keeping farmers training



8.0 Installation of drip irrigation system at Thaicu mixed Secondary school



9.0 Drip irrigation system installation at Karumaru Secondary school



10.0 Vegetable production farm at Ntuene Secondary school where Drip irrigation system has been installed