

## KUJENGA MAISHA EAST AFRICA-KUMEA



Report & Proceedings of Quarterly Review meeting for Igembe Dairy ,Horticulture ,Agroforestry & Bee-Keeping Livelihoods Project at Maua Methodist Training Center, Maua -15th June,2023

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KUMEA REPORT

May,2023

# PROCEEDINGS OF QUARTERLY REVIEW FORUM FOR IGEMBE DAIRY GOATS, HORTICULTURE AND BEE-KEEPING LIVELIHOODS

## 1.0 PARTICIPANTS INTRODUCTION

### Purpose

Participatory introduction among the participants and sharing of likes and dislikes among the participants to reduce social distance

Likes	Dislikes
<ul style="list-style-type: none"> <li>a) Improved relations among the groups</li> <li>b) Diversified value chains &amp; value additions</li> <li>c) Dairy goat rearing &amp; livestock farming</li> <li>d) Perfection of things being done</li> <li>e) Reading</li> <li>f) Bible and preaching</li> <li>g) Meetings</li> <li>h) Trainings</li> <li>i) Mixed farming</li> <li>j) Completion of planned activities</li> <li>k) Organic farming and use of animal manure</li> <li>l) Promotion of horticulture</li> </ul>	<ul style="list-style-type: none"> <li>a) Laziness</li> <li>b) Theft of livestock</li> <li>c) Wild animals encroaching into the community</li> <li>d) Inadequate feeds and upkeep of animals</li> <li>e) Theft of honey</li> <li>f) Lateness in meetings</li> <li>g) Noise makers</li> <li>h) Gossiping</li> <li>i) Poor bee-keeping methods</li> <li>j) Weak groups</li> <li>k) Lies</li> <li>l) Un-kept promises</li> <li>m) Ants chewing honey</li> <li>n) Livestock diseases</li> </ul>

## 2.0 PARTICIPANTS EXPECTATIONS

### Purpose

Participants list their expectations of the project and the issues that retard implementation of project activities

Hopes	Fears
<ul style="list-style-type: none"> <li>1. Improve bee-keeping and honey production through cooperatives and value chain development</li> <li>2. Improve livelihoods for bee-keeping to enhance sustainable income generation</li> <li>3. Enhance markets and value chain for dairy goats' products</li> <li>4. Utilize organic fertilizer from dairy goats' waste for improved farm production</li> <li>5. Improve dairy goats breed for improved &amp; high milk production</li> <li>6. Improve methods for honey production</li> <li>7. Secure tagging of dairy goats for enhanced identification &amp; security of the dairy goat</li> <li>8. Diversify markets for honey and dairy products</li> <li>9. Integration and expansion of milk production &amp; value chains</li> <li>10. Sharing of skills &amp; knowledge from study tours /learning for capacity development</li> <li>11. Increase production of horticulture and vegetables for schools</li> </ul>	<ul style="list-style-type: none"> <li>1) Inadequate production of honey &amp; milk to meet demand</li> <li>2) Thefts of livestock</li> <li>3) Transition of cooperative and improved management</li> <li>4) Slow pace of implementation for project activities</li> <li>5) Inadequate financing &amp; community contribution towards cooperative fees</li> <li>6) High mortality rates of bees due to spraying pesticides in miraa &amp; tea farms and poor harvesting methods</li> <li>7) Inadequate diversification of feeds for dairy goats due farmers inability to adapt dry feeds</li> </ul>

### 3.0 REVIEW OF PROJECT ACTIVITIES IMPLEMENTED IN LAST QUARTER

#### Purpose

Participants review key activities implemented and overview of how it was implemented

Activity	Implementation Status
1. Registration of cooperatives by all the groups in the project	All members paying the membership fees and meeting will be organized with the cooperative officer to ratify the officials elected and agree on the constitution/by-laws to be adapted
2. Learning & study tours for dairy goat farmers and bee-keeping groups	The dairy goats' groups visited Nyeri County and the Bee-keeping groups visited Kitui County. The bee-groups agreed to formulate MOU with the Kitui bee-keeping cooperative on scaling up of value chains & support towards purchase of honey.
3. Animal Health & Veterinary Services training	Training done for the dairy goats groups and report prepared by project officer
4. Identification and tagging of dairy goats	All groups availed their goats for tagging and registration. The process will go on bi-monthly basis so that all the kids born are tagged. All the dairy goats now have serial numbers and cards.
5. Training on Modern bee-keeping	Training carried out by County staff in charge bee-keeping development and report prepared by the project officer.
6. Training on Feeding and Breeding of dairy goats	Training carried out in liaison with Sub County veterinary officer and report prepared by Project Officer

### 4.0 CHALLENGES ENCOUNTERED DURING IMPLEMENTATION

#### Purpose

Participants analyze the challenges encountered and identify issues to be addressed

CHALLENGES	ISSUES TO BE ADDRESSED
1. Registration of cooperatives	Slow pace of registration by members
2. Adaptation of Dry feeds	Inadequate capacity for dry feeds preparation
3. Preparation of silage	Reduce wastage of farm produce by converting it to silage for feeding animals
4. Pass on goats	Need for beneficiaries to prepare stables in readiness for pass-on
5. Occupation of the bee-hives	Groups require more orientation and support i.e. securing wax that will facilitate bee occupation
6. Adapt demand services for bee-keeping	Groups not seeking extension support to enhance their bee keeping capacity
7. Practical and demonstration of Livestock Management	Farmers require practical lessons in dehorning, silage preparations, dry feeds formulation and basic management skills for livestock management to enhance their capacity

## 5.0 MATERIALS REQUIREMENTS AND CAPACITY BUILDING FOR SETTING UP PRODUCTION UNIT FOR VALUE CHAIN PRODUCTION FOR DAIRY GOAT MILK

### Purpose

Identify key resources required to establish a production unit for soap and beauty products from dairy goat milk and other relevant components. List produced in liaison with CLEO Natural beauty firm as per discussions on scaling up value chain development and additions.

ITEM DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
1. Moulds	10	15000	150,000
2. Coolant of 500litres capacity	1	600,000	600,000
3. Hand Blender	2	20,000	40,000
4. Weighing Scale	1	8,000	8,000
5. Plastic Basins	5	600	3000
6. Stainless Buckets	3	2000	6000
7. Sieves	3	300	900
8. Shelves	1	20,000	20,000
9. Working table	1	30,000	30,000
<b>Sub-total</b>			<b>857,900</b>
<b>Production Materials</b>			
1. Virgin Coconut Oil	10Litres	950	9500
2. Virgin Olive Oil	10Litres	2000	20,000
3. Yellow Castor Oil	10Litres	800	8000
4. Sweet almond Oil	10Litres	1600	16000
5. Wheat Germ Oil	10Litres	2200	22,200
6. Neem Oil	10Litres	2200	22,200
7. Aloe Vera Gel	10Litres	1400	14,000
8. Raw Shea Butter	10Litres	833	8330
9. Sodium Hydroxide	10Kg	250	2500
10. Distilled water	10litres	25	250
11. Grease paper	20	10	200
12. Knives	10	600	600
13. Cutting Mould	2	3000	6,000
14. White vinegar	10litres	2500	25000
15. King spoon(mwiko)	1	500	500
<b>Sub-total</b>			<b>155,280</b>
<b>Training &amp; other logistical support</b>			
1. Training of operators by CLEO Team including attachment to the production unit in Embu	1	150,000	150,000
2. Logistical Support for setting up production unit in Maua	Lump sum	30,000	30,000
3. Safety gear & clothing –Gum boots ,gloves and goggles for the Trainees	Assorted protective clothing &gear	30,000	30,000
<b>Subtotal</b>			<b>210,000</b>
<b>Totals</b>			<b>1,223,180</b>

## 6.0 IMPLEMENTATION PLANS FOR THE REMAINING PERIOD

### Purpose

Participants develop implementation plans based on the project components to be implemented as per the project implementation plans and the budget.

ACTIVITY	WHEN	WHERE	RESOURCES	WHO IS RESPONSIBLE
1. Horticulture training	1 <sup>st</sup> Week July,2023	Maua Methodist training Center	Demonstration plots	Sub County Agriculture Officer/KUMEA
2. Registration of Cooperatives	15 <sup>th</sup> to 23 <sup>rd</sup> June,2023	All groups involved in Project activities	Review of by- laws & constitution	Sub County Cooperative Officer/Respective target groups
3. Pass-on of Goats	2 <sup>nd</sup> Week of July,2023	Livestock Office	Dairy goats &Groups providing and receiving	Sub county Livestock Officer/KUMEA
4. Marketing & Linkages training for all groups	26 <sup>th</sup> to 30 <sup>th</sup> ,June ,2023	Maua Methodist training Center	Facilitators Stationary Mt. Kenya Dairies	KUMEA
5. Value Addition & Value chain training for all groups	3 <sup>rd</sup> Week of July,2023	Maua Methodist training Center	Mt. Kenya Dairies CLEO Products	KUMEA & Other stakeholders
6. Impact Assessment & Project Exit meetings	4 <sup>th</sup> week of July and 1 <sup>st</sup> week of August,2023	All project groups & sites	Field Interviews with groups	KUMEA , All target groups & partners



**PHOTOS FOR QUARTERLY REVIEW MEETING HELD ON 15<sup>TH</sup> JUNE,2023**



**1.0 Women participants in plenary discussions**



**2.0 Some of the participants from Bee keeping groups participating in discussions**



**3.0 Participants follow the quarterly review proceedings**



**4.0 Plenary discussions on various issues presented**





**5.0 Program coordinator lead discussions on planning of quarterly activities**



**6.0 Thaicu Secondary School Environment club involved in development of tree seedlings as part of agroforestry promotion in schools**