

PAPBio FIRST QUARTER REPORT



**PROMOTING CONSERVATION, PRO-CONSERVATION LIVELIHOOD
AND COMMUNITY-BASED MANGROVE MANAGEMENT**

©January, 2022



QUARTELY NARRATIVE REPORT

I. Global Information

Promoting Conservation, Pro-Conservation Livelihoods and Community Based Management of Mangrove Ecosystems in the Southwestern End (Anyanui-Bomigo) of the Keta-Lagoon Complex Ramsar Site Area, Ghana	
Start Date	15/07/2021
End Date	14/07/2022 (for first year implementation)
Reporting period	October 2021 to present
Action Coordinator	Prosper Kwame Antwi
Implementation Zone	Keta Lagoon Complex Ramsar Site, Ghana (Mono Volta)
Estimate (%) technical execution of the action	
Estimate (%) financial execution of the action	

II. Implementation of the action activities

The period for this report is the 15th July 2021 to 15th October 2021. Relative to delay in funds transfer and subsequent receipt of funds on the 28th October 2021, implementation activities started in November 2021. The results of the various implemented activities under the specific objectives have been captured below.

Under Component 1 : Sustainable Livelihood development

For achieving Result 1 : Sustainable livelihoods supported by strong foundations for inclusive economic growth and innovation as well as resilience and action on long-term environmental change.

Main implemented actions under the various activities are:

Activity 1.1: Community profiling and surveys on pro-conservation livelihood schemes and their potential impacts

- ◆ Terms of Reference for the pro-conservation livelihoods schemes, surveys and profiling have been developed. A specialist has been identified and work is progressing.
- ◆ A detailed final report after community and stakeholder validation will be prepared and submitted.

Activity 1.2: Stakeholder engagement for validation of baseline survey

- ◆ Initial consultative visits and communications for validation meeting is still in progress to set the suitable dates and times that will be more applicable and favourable for the landscape and the major stakeholders involved.

Under Component 2 : Innovative demonstration projects on mangrove restoration and/or rehabilitation, sustainable harvesting techniques and the creation of alternative sources of energy and building materials

For achieving Result 2 : Increased Mangrove forest cover, enhanced biodiversity, improved soil conditions and Climate mitigation and adaptation.

Main implemented actions under the various activities are:

Activity 2.1 : Identify and map degraded sites for pilot restoration/rehabilitation

- ◆ Initial feasibility assessment on-going. The team is still looking at communities site specific characteristics (hydrology of the sites, blocked channels, current existing species, etc).
- ◆ All agreed and approved sites will be digitized and mapped. Project Management Unit (PMU) will subsequently prepare a report on sites for planting.

Activity 2.2 : Set up One center of community-based mangrove and woodlot spp. nursery for the rehabilitation needs of degraded mangrove forests and new energy fuelwood sources respectively

- ◆ One (1) nursery site has been established in the gardens of the Keta lagoon Ramsar site management office in Anloga, where participating community members/volunteers have been selected to manage it. PMU agreed on the site particularly because of water availability and other management implications. Currently the nursery has about 8,000 mangrove seedlings at their developmental stage, comprising of three species ; red, white and black mangroves.

Activity 2.4 : Identify and map site to cultivate suitable plant materials, which may be used as fuelwood (coppicing) and as building material.

- ◆ There is on-going discussions on communal and/or family lands for woodlot plantation. The team is yet to finalize and agree on the specific sites.

Under Component 3 : Deployment and application of a governance baseline tool for participatory management and support.

For achieving Result 3 : Co-management of mangrove resources- enhanced understanding of community-agency-based mangrove management by local communities and authorities

Main implemented actions under the various activities are:

Activity 3.4 : Purchase and supply of surveillance and monitoring equipment to committees and (WD) agency

- ◆ Surveillance equipment (1 drone, 1 motor bike) has been purchased and ready to be supplied to the management of the KLCRS to increase their monitoring capabilities of the entire site and oversight of restored areas.
- ◆ Laptop and Digital projector for community film screenings and school visits have been purchased.

Under Component 4: Increase the awareness and build capacities of communities and general public on mangrove conservation as well as the adaptation to global climate change

Result 4 : Awareness of local stakeholders on mangrove conservation and sustainable development increased

Activity 4.2 : Carry out conservation education to children and adolescents through school visits for at least 8 times

- ◆ Laptop and Digital projector for community film screenings and school visits have been purchased.
- ◆ Initial preparations (which includes compiling of mangrove education material for students and printing of the same) for school visits is still in progress.

Others : Project Launch

The PAPBio Project was successfully launched on the 10th of December, 2021 in Galotse, one of the participating communities for this project.

The launch was very successful, in that, invited dignitaries and most invited guest showed up to grace the occasion. Chiefs from four different communities (Bomigo, Galotse, Galo and Sota), 2 District Chief Executive Representatives (Keta and South-Tongu), District Planning Officers, District Agriculture Officers, Assembly Members from the 2 Districts, Deputy Wildlife Director, Wetlands Operations Director, Community members and other CSOs in the landscape showed up for the launch.

III. Monitoring of the action indicators

Indicators	Baseline	Target	Implementation	Comments
Result 1 : Sustainable livelihoods supported by strong foundations for inclusive economic growth				
I1.1 : Finalized baseline assessment document on pro-conservation livelihoods and their impacts at the site.	No document on existing and potential pro-conservation livelihood in the catchment.	One community developed and approved pro-conservation livelihood document.	On-going	Soon to be completed and validated
Result 2 : Increased Mangrove forest cover, enhanced biodiversity, improved soil conditions and Climate mitigation and adaptation				
I2.1 : Hectares of degraded Mangrove Sites rehabilitated and number of mangrove seedlings replanted	Mangrove has been lost more than 50% for the last two decades.	10 hectares planted with about 15000 mangrove seedlings	Nursery established and management on-going	Materials and Equipment for Nursery development has been purchased. Nursery developed. Development of Baseline maps of sites in progress
I2.2: Hectares of Community woodlots established and number of woodlot species planted at community approved sites	Limited alternate fuelwood and building materials	Four woodlots established with 6000 seedlings planted	On-going	Materials and Equipment for woodlot Nursery development has been purchased Development of Baseline maps of sites in progress
Result 3 : Co-management of mangrove resources				
I3.1 : Number of monitoring equipment provided for co-management.	Minimal oversight of mangroves by Keta Municipal assembly since local	surveillance equipment supplied (1 drone,6 GPS, 1 motor bike	On-going	Surveillance equipment purchased and ready to be supplied prior to our co-management standards of the project

	government decentralization	with 30 Raincoats and boots)		
Result 4 : Awareness of local stakeholders on mangrove conservation				
I4.1 : level of awareness generated in persons	Low knowledge and awareness on sustainable mangrove and development processes.	About 1500 indigenes directly and indirectly educated and their awareness raised on sustainable mangrove and coastal resources management	On-going	Laptop and Digital projector for community film screenings and school visits (creating awareness) have been purchased

IV. Main difficulties encountered in the implementation of the action

- ♦ The delay in the transfer of funds changed timelines of some critical activities some of which were time/period specific
- ♦ Language barrier informed the use of an interpreter during the project launch thereby making activities rather long.

V. Main activities for the next quarter (*Max 2 main activities*)

- ♦ Completion of Baseline Survey and Validation of findings
- ♦ Deployment of the Marine Governance Baseline Tool for Co-Participation and management

Photos



Plate 1: Mangrove seed collection by volunteers



Plate 2: Seed collection led by Mr. Lawrence Ocloo (Keta Lagoon Complex Site Manager)



Plate 3: Seed Collection by volunteers



Plate 4: Nursery site at the Keta Lagoon Complex Gardens



Plate 5: Selected community members working at the nursery



Plate 6: Chiefs and Government Representatives at the Project launch



Plate 7: Wetlands Director (FC) and Projects Coordinator A Rocha delivering speeches at the launch



Plate 8: Deputy Director A Rocha and IUCN Ghana Project Representative at the launch



Plate 9: Community members and Chiefs and elders at the launch



Plate 10: Consultation with community chiefs