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WEST AFRICA BIODIVERSITY AND CLIMATE CHANGE (WA BICC)/EUCORD/CFD KINDIA SUPPORTING FOREST BUFFER COMMUNITIES IN KINDIA REGION OF GUINEA

Final Summary Report

(August 2020)

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ACRONYMS

CFD	<i>Compagnie Fruitière de Daboya</i>
CGRN	Natural Resource Management Committee
DPGRN	Participatory Natural Resource Management Assessment
EUCORD	European Cooperative for Rural Development
FC	Community Forests
FF	Family Forest
GPS	Global Positioning System
GRN	Natural Resource Management
ha	Hectares
NGO	Nongovernmental Organization
OS	Specific Objectives
PAF	Agroforestry Plot
SEF	Water and Forestry Department
USAID	United States Agency for International Development
WA BiCC	USAID West Africa Biodiversity and Climate Change Program

I.0 BACKGROUND AND JUSTIFICATION

The NGO EUCORD was awarded a grant to implement this component of the USAID-funded West Africa Biodiversity and Climate Change (WA BiCC) Program in Guinea. The purpose of this grant was to involve the private sector in efforts to create sustainable and environmentally sound livelihoods in vulnerable communities in Kindia Region, where there is considerable pressure on natural resources.

The four (4) following specific objectives were identified as the means of achieving this goal:

OS 1: Set up and manage a fruit and forest plant nursery to supply target groups with seedlings (grafted mango, pineapple and forest species).

OS 2: Promote sustainable plantation management practices to help tackle declining biodiversity.

OS 3: Contribute to sustainable management of the Kindia landscape by introducing forest species over an area of at least 50 hectares.

OS 4: Raise local people's awareness of the need to plant and maintain diverse tree species through community involvement in agroforestry (crops compatible with reforestation) and reforestation initiatives.

The rural population in Kindia is mainly composed of subsistence farmers who have few sustainable economic opportunities and limited access to local, regional and international markets. The project intervention zone included forest buffer zones around community plantations and several classified forests that supply the private company *La Fruitière de Daboya* (CFD). CFD manages mango and pineapple plantations and a packing plant in Kindia, and purchases, packages and exports 1,000 metric tons fresh mangoes to the European Union market each year. Most of this produce comes from village plantations around Kindia (44 producers with 200 hectares [ha] of orchards). The company has also been involved in reforestation activities (planting 8,000 forest trees) and plans to support the introduction of contract farming in order to improve producers' livelihoods, promote good agricultural practices and secure a reliable supply of quality products for its customers.

2.0 INTRODUCTION

The project was initially supposed to last for 8 months, but was authorized to extend the implementation period to 13 months (from August 2019 to August 2020) so that it could take advantage of the 2020 rainy season and mitigate the constraints created by the health emergency resulting from the COVID-19 pandemic. Despite these constraints, the EUCORD team was able to achieve the project objectives, working in conjunction with the team from CFD, the network of 12 trainers, technical agents from the Water and Forestry services (SEF), producers affiliated to CFD and members of the NRM committees supported by the project. We even exceeded the objective of reforesting 50 hectares of land, having replanted 10 hectares in 2019 and 41.63 hectares in 2020. It should be noted that the 41.63 hectares replanted in 2020 included 33.8 ha of grafted mango trees and Gmelina seedlings (FC+FF+ PAF), some plots exclusively planted with Gmelina seedlings (FC+FF+ PAF), and about 2 hectares planted with 110,000 pineapple shoots.

The capacity building and sensitization targets were also exceeded:

- A total of 841 people were sensitized in small groups during the sensitization/planting days (the target was 500).
- The 12 rural trainers trained 122 people (target of 88), 88 of whom were subsequently selected to participate in planting/outreach activities.
- Thirty (30) Natural Resource Management Committee members were trained (as planned).
- Twelve (12) trainers were trained (as planned).

This final report summarizes all the activities undertaken during the WA BiCC/EUCORD/CFD project and explains how they helped achieve the project objectives. The report also presents the final activities that were not reported in the 6 previous deliverables, namely: activities to disseminate the training, capacity-building activities for NRM committees, and sensitization on planting fruit trees. In addition to the first deliverable, which related to the start-up phase, EUCORD submitted five (05) other deliverables to WABICC describing the activities implemented by the team, namely:

- Establishing the Work Plan, Monitoring & Evaluation Learning Plan and Branding Plan (visibility) - **see Deliverable 1.**
- Procuring the equipment needed to set up a plant nursery to produce forest species (particularly Gmelina), grafted mango and pineapple seedlings - **see Deliverable 2.**
- Conducting a participatory assessment of natural resource management (DPGRN), which enabled the project to identify the problems experienced by local people and propose solutions in the form of an action plan that takes account of the needs of beneficiary communities - **see Deliverable 3.**
- Replanting over 50 ha of forest (mainly with Gmelina), with 10 ha reforested in 2019 and 41.63 ha in 2020 - **see Deliverable 4.**
- Training twelve (12) rural trainers and disseminating the training among 88 other economically active adults in villages targeted by the project - **see Deliverable 5.**

- Establishing and managing a fruit and forest plant nursery to supply seedlings for target groups (at least 20,000 grafted mangoes, 110,000 pineapple seedlings and 50,000 forest species) - **see Deliverable 6.**

This **Deliverable 7** completes the reporting on community outreach activities on agroforestry (crops associated with reforestation) and reforestation practices that can be used to plant and maintain diverse tree species.

3.0 SUMMARY OF RESULTS AND OBJECTIVES ACHIEVED

The table below shows that the planned activities were implemented and that they helped achieve the expected results and specific objectives of the project.

	Project Summary	Indicators	Targets met
Goal	To involve the private sector in creating sustainable and environmentally friendly livelihoods in forest buffer communities in the Kindia region of Guinea.	Number of people receiving livelihood co-benefits (non- monetary) associated with the implementation of USG supported sustainable landscapes activities	<ul style="list-style-type: none"> • 841 sensitized during several planting days in small groups • 30 members of NRM Committees reinforced • 12 trainers increase capacities 122 trained from which 88 were retained
Outcomes	Inception phase: Project unit up and running and team has a clear understanding of beneficiary needs	Recruitment package and Report on CDA approved	<ul style="list-style-type: none"> • 3 staff recruited • CDA report approved <p>Deliverable 1 & 2 & 3</p>
	1 – Sufficient quantities of mango, pineapple and forest tree seedlings are available to communities due to the expanded nursery.	Quantities by type of trees grown in the nursery that are provided to the targeted communities	<ul style="list-style-type: none"> • 51.604 forest species distributed; • 10.000 mango trees distributed (4.289 planted in Agroforestry plots and remaining 5.711 shared amongst the 12 trainers and 88 producers’ mango orchards) and • 10.000 still to be distributed to the network of 88 producers in 2021; 110.000 pineapple seedlings distributed to 17 producers out of the 88. <p>Deliverable 6</p>
	2- Communities learn to manage efficiently and sustainably mango and forest tree plantations.	Number of people trained on sustainable plantation management and Biodiversity Conservation	<ul style="list-style-type: none"> • 841 sensitized during several planting days in small groups • 30 members of NRM Committees reinforced • 12 trainers increase capacities 122 trained from which 88 were retained <p>Deliverable 5 & 7</p>
	3- At least 50 has of diversified tree species plantation are established and maintained in the area.	Number of hectares of biological significance and/or natural resources under improved natural resource management	<ul style="list-style-type: none"> • 51,63 ha of forest land • 33,8 ha of mango planted for agroforestry cultivation <p>Deliverable 4</p>
	4- Communities learn to involve in tree diversity through agroforestry	Number of people sensitized on Biodiversity Conservation and reforestation	<ul style="list-style-type: none"> • 841 sensitized during several planting days in small groups 30 members of NRM Committees reinforced • 12 trainers increase capacities 122 trained from which 88 were retained <p>Deliverable 5 & 7</p>
Outputs	Inception output 1 – The project unit has	Fully equipped and staffed offices with	<ul style="list-style-type: none"> • Approval by WA BiCC under deliverable 1 & 2 of Life of Project

	Project Summary	Indicators	Targets met
	implementation, procurement and reporting capacities.	implementation, procurement and reporting tools.	Work Plan; MEL and BM Plans. • Completed and approved recruitment and procurement package.
	Inception output 2 - CDA report with baseline data and findings on development strategy for agroforestry and forestry activities	<ul style="list-style-type: none"> • Number of participants in the CDA. • Number of ha mapped out for planting. • Quantities by type of trees to be identified to be out-planted. 	Report on CDA approved by WABICC. Deliverable 3
	1.a. Nursery with irrigation system up and running. Production of <ul style="list-style-type: none"> • 20.000 units of mango trees, 110.000 pineapple seedlings and • 50.000 units of forest species. 	<ul style="list-style-type: none"> • Irrigation system is procured and installed. • - Quantities by type of trees grown in the nursery. 	<ul style="list-style-type: none"> • Nursery with irrigation system is up and running and has undertaken the production of 20,500 units of mango trees, • 110.000 pineapple seedlings and • 50.000 units of forest species. Deliverable 6.
	1.b. Seedlings are distributed at a subsidized cost to producers and targeted communities	Quantities by type of trees grown in the nursery that are provided to the targeted communities	<ul style="list-style-type: none"> • 51.604 forest species distributed; • 10.000 mango trees distributed (4.289 planted in Agroforestry plots and remaining 5.711 amongst the 88 producers' mango orchards) and 10.000 still to be distributed to the network of 88 producers in 2021; 110.000 pineapple seedlings distributed to 17 producers out of the 88. Deliverable 4.
	2.a Training needs assessment and elaboration of training approach	Training approach and modules.	3 modules developed Deliverable 5.
	2.b Training of 12 local trainers	Number of volunteers trained to become trainer on good agroforestry practices.	12 trained Deliverable 5.
	2.c Training and mentoring producers in surrounding communities	Number of producers trained on sustainable plantation management practices for mango and pineapple and tropical species.	122 producers Deliverable 5 & 7
	3.a. At least 50 ha of land for forest tree plantings is identified	Mapping of areas to be planted including GPS coordinate and authorization from local authorities.	51,63 ha Deliverable 4.
	3.b. At least 50 ha of land for forest tree is planted	Number of hectares under reforestation	51,63 ha Deliverable 4.

	Project Summary	Indicators	Targets met
	4.a. Elaborate sensibilization training on biodiversity and reforestation	Training modules are elaborated.	3 training modules: 1. Biodiversity; 2. Agroforestry; 3. Tree planting technics. Deliverable 5
	4.b. Training of 12 local trainers in sensitization	Number of trainers trained on Biodiversity Conservation through reforestation activities.	12 trainers Deliverable 5
	4.c. 500 people from forest buffer communities are sensitized through 10 events organized during the project period and capacities of 5 community forest management are strengthened	<ul style="list-style-type: none"> • Number of people trained on Biodiversity Conservation • Number of community forest management groups supported. 	<ul style="list-style-type: none"> • 841 sensitized during several planting days in small groups • 30 members of NRM Committees reinforced • 12 trainers increase capacities 122 trained from which 88 were retained Deliverable 4 & 7

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