Project title : CARBOMADA - Support for the implementation of a reforestation and carbon offset program in the New Protected Area of Loky Manambato in Madagascar

Project place	Project cost	Role in the project	Technical and financial sponsors	Dates
Madagascar	34 000 €	Reforestation & carbon expert	Fanamby, CONFIDENTIAL	March 2018 - December 2038

Project's goals and results

Main goals

The **New Protected Area of Loky Manambato** in Sava region, North-East Madagascar, has been managed by the NGO Fanamby since 1997. Fanamby has been implementing conservation projects, development of cash crops and reforestation for many years in this NPA. The purpose of this project is to help the association carrying out a **reforestation of 214 hectares** that especially allows the valuation of sequestered carbon

Specific objectives

SO1. Technical assistance for **reforestation**, maintenance and training of NAP rangers, also providing direct support to communities for 214 hectares of reforestation with different, exotic or indigenous species
SO2. Support on the valorization and accounting the **carbon** of the project over 20 years

Beneficiaries

- 4 rural communities (Daraina, Maromokotra, Ampisikiana, Nosy Be)
- 19 traditional villages called fokontany in the Vohemar district
- the Fanamby association

Map of the ecoregions location in the NPA Loky Manambato

Results

R1. Increased **productivity** from the forest and therefore **incomes** for local communities
R2. Reduction of **anthropic pressure on natural forests** through the development of cash crops (fruit trees) and timber production (acacia and eucalyptus)
R3. Restoration of the **mangrove ecosystem** improving marine and fishing biodiversity
R4. Potential carbon compensation of the sponsor company estimated at **85,646 tCO^2eq over 20 years**, or 4,282 tCO^2eq/year with third party data 3 (IPCC), generating (at a price of 6.5 €/tCO^2eq), 205,747 € (deducted project costs)

Activities

A1. Identification, approval and support for the reforestation of **mangroves** with endemic and exotic plants in collaboration with local communities
A2. Identification, approval and support for reforestation of **dry land** areas
A3. Seed collection, purchase of indigenous or exotic plants and supervision of **nurserymen**
A4. Expertise in tree **nursery cultivation**, transportation and planting techniques in the identified areas
A5. Installation and maintenance of **firewalls**
A6. Maintenance, monitoring of plantings and **replanting**
A7. Training rangers in reforestation and follow-up
A8. Follow-up of KPI and **carbon** each 5 years
A9. Carbon valorization with the elaboration of the carbon project document
A10. Field verification through **inventories** and coordination surveys with sponsors

Location of the various plantations area per hectare for the 2015-2024 period