

PROJECT IMPLEMENTATION REPORT

Project ID:	9793
Project Name:	Conservation and Improvement of Ecosystem Services for the Atsinanana Region through Agroecology and the Promotion of Sustainable Energy Production
Countr(ies):	Madagascar
Implementing Agency:	UNEP

TABLE OF CONTENTS

I. OVERVIEW	3
A. Description	3
B. Ratings and Disbursements	3
C. Key Dates	3
II. PROGRESS STATUS AND ISSUES	4
A. Progress: Information on progress and outcomes of project implementation activities	4
B. Challenges: Information on challenges of project implementation activities	4
C. Stakeholder Engagement	4
D. Gender Equality	5
E. Knowledge Management	5
III: MINOR AMENDMENTS	5
IV: GEOGRAPHIC COORDINATES OF PROJECT ACTIVITIES	6
V. ANNEX	8

I. Overview

A. Description

Project name

Conservation and Improvement of Ecosystem Services for the Atsinanana Region through Agroecology and the Promotion of Sustainable Energy Production

Country

Madagascar

GEF ID

9793

Implementing Agency

UNEP

Executing Entity

Ministry of Environment, Ecology and Forestry (General Directorate of Environment and General Directorate of Ecology) and the National Association of Environmental Action (ANAE)

Trust Fund

GET

Project Type

FSP

PIR Submission

9/15/2025

Fiscal Year , PIR Number

FY 2025 , 5th PIR

Objective

To optimise sustainable land use management, biodiversity conservation, and access of local communities to renewable household energy security and climate change mitigation in Madagascar.

B. Ratings and Disbursements

Implementation Progress

Satisfactory

Development Objective

Satisfactory

Overall risk

Low Risk

Project Financing

4,150,000.00

Cumulative Disbursement

3,588,955.00

C. Key Dates

CEO Endorsement/Approval

5/19/2020

Agency Approval

9/20/2020

Implementation Start 8/28/2020	First Disbursement 9/7/2020
Expected MTR 9/2/2024	Actual MTR 4/15/2023
Expected Completion 7/31/2025	Actual Completion

II. PROGRESS STATUS AND ISSUES

A. Progress: Information on progress and outcomes of project implementation activities

Overall, the project implementation was satisfactory. Almost all of the project's expected results were achieved. Stakeholders demonstrated their commitment to successfully completing the project throughout its implementation. Thanks to the awareness-raising and support provided by the project, women were able to benefit from this project. Local authorities provided their support throughout the implementation of this project. Project beneficiaries were convinced of the sustainable practices provided by the project, whether in land management, forest restoration, or rural energy, and these beneficiaries are enthusiastic about continuing to adopt these good practices and successful experiences of the project to sustain the project's achievements and continuously improve their living environment.

B. Challenges: Information on challenges of project implementation activities

The major challenge in implementing this project concerns the recruitment of the future operator of the bamboo gasification power plant in Antseranambe. Indeed, in accordance with national regulations, this recruitment falls under the jurisdiction of the Rural Electrification Development Authority (ADER) within the Ministry of Energy. The related procedures are long and complex, which has caused a significant delay in the completion of certain activities that depend on this identification of the operator despite the fact that all the necessary equipment (pole, cables, gasification machine, plant infrastructure, etc.) for this low-voltage distribution network is already available.

C. Stakeholder Engagement

The project keep putting in implements the stakeholder engegement plan developed and validated. Stakeholder engagement at all levels has been obtained thanks to their integration into decision-making and operational processes. The project's efforts focused on dialogues with bamboo planters and owners of existing bamboo biomass in order to cooperate to ensure the supply of biomass to the plant in advance. A letter of commitment to supply bamboo to the plant was signed by the president of the bamboo planters' network in Anivorano. The signing of the agreement between bamboo suppliers and the SLM project is made, demonstrating a positive result of the preparation before the arrival of the future operator of the plant and to secure its supply of biomass. A list of around thirty planters likely to supply the plant is established. The Cantonment of the Environment and Forests (CEF) actively contributed to monitoring bamboo plantation plots as well as raising awareness to anticipate uncontrolled fires. Advocacy support was provided to some planters who were victims of devastating fires. 05 awarenss campaigns for planters on commitment and responsibility for securing their bamboo plantations (Vohitranivona, Anivorano-Est, Antsapanana, Niherenana) were carried out. The planters' network through the communal branches signed letters of commitment for securing the bamboo plantation.

D. Gender Equality

Does the project have a gender action plan?

Yes

Gender mainstreaming (will be uploaded to GEF Portal):

The project continued to implement the gender mainstreaming strategy. Activities target both women and men, and implementation approaches have been adapted to facilitate women's participation.

04 women are in the process of adopting energy-efficient stoves manufacturing techniques from cascading training and through practice carried out by small business artisans. For the 14 artisans active in the manufacture of improved stoves, 04 of them are all women. 07 women resellers of improved stoves have been in action since the launch of marketing. The involvement of women in this activity is rather successful with slow but continuous progress

The involvement of women in the various links of the sustainable energy sector promoted by the project is gradually evolving (in bamboo plantations, energy-efficient stove manufacturing). There are women who integrate charcoal production activities with the techniques taught: 05 women adopt the technique according to the monitoring. The project raises awareness and encourages women to integrate this value chain which is currently characterized by the dominant presence of men.

As for the bamboo gasification plant, the project ensured that the local community was aware of the existence of the plan in advance. Awareness-raising on the cognitive aspect was carried out at the fokontany level in Antseranambe and 32 people responded, including 22 women and 10 men.

The meetings to assess the level of adoption of sustainable land management technologies introduced as part of the project, organized in Brickaville and Vatondrany, saw the participation of 59 people, including 10 women, or 16.9% and 25.4% of young people under 30 old years

E. Knowledge Management

The implementation of the strategy national and the communication plan of the project continues. Different awareness-raising, information, education and communication tools relating to sustainable concepts supported by the project have been produced and distributed.

Communication tools on energy efficient stoves as support are designed: 01 poster grouping all energy efficient stoves models with the message (Madio, mitsitsy, mikajy tontolo iainana, Mateza, hainga-piasa) 01 brochure per energy efficient stoves template with the designed messages. More than 30 posters, more than 250 leaflets and 1000 flyers on energy efficient stoves were distributed during the marketing launch showing the advantages and performance of energy efficient stoves produced as a result of the project's R&D process. The database on the evolution of behavioral change related to the adoption of carbonization technology is established. Capitalization study was carried out and a knowledge dissemination manual on new sustainable energy technology (rural electrification with gasification and improved stoves) in the Atsinanan region was developed.

450 knowledge dissemination manuals on the bamboo industry were distributed (during world Bamboo Day, awareness workshop on electrification by gasification, etc)

As part of the transfer of efficient and renewable energy technologies in the districts of Brickaville and Vatondrany, a manual on improved stove manufacturing techniques and a manual on bamboo carbonization techniques are developed and made available to beneficiaries and targets. These manuals are part of the project's knowledge dissemination tools. Not only do they provide support for training beneficiaries but also for training at the local community level to support community trainers in local areas.

III: Minor Amendments

CONTEXT	
Result Framework	
Components and Cost	
Institutional And Implementation Arrangements	
Financial Management	
Implementation Schedule	
Executing Entity	
Executing Entity Category	
Minor Project Objective Change	
Safeguards	
Risk Analysis	
Increase of GEF Financing up to 5%	
Co-Financing	
Location of Project Activity	
others	

IV: Geographic Coordinates of Project Activities

Location Name	Latitude	Longitude	GeoName ID
Madagascar	-18.92496	46.441642	

Location Description:

Overall Madagascar coordinate

Activity Description:

The more detailed description of the specific areas within the country and included in the attached.

Location Name	Latitude	Longitude	GeoName ID
Site Ambalarangotra	-19.13	48.39	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Andavatoagna	-19.09	48.35	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Kaloafy	-19.10	48.36	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Antsofotra	-19.13	48.37	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Marovola	-19.11	48.39	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Marosolatra	-19.14	48.37	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
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Site Vatobe	-19.13	48.37	
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Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Ambinanisakovolo	-19.15	48.37	

Location Description:

Activity Description:

Location Name	Latitude	Longitude	GeoName ID
Site Ambalafary	-18.15	48.55	

Location Description:

Activity Description:

V. ANNEX

Uploaded Document

Document Category	Title
M and E Document	9793-PIR-UNEP-2025-SLM Atsinanana