

GEF - PROJECT IMPLEMENTATION REPORT (PIR)

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UNEP GEF PIR Fiscal Year 2026
Reporting from 1 July 2025 to 30 June 2026

1 PROJECT IDENTIFICATION

1.1 Project Details

GEF ID: 9793	Umoja WBS: SB-009950.02
SMA IPMR ID: 37098	Grant ID: S1-32GFL-000621
Project Short Title: SLM Atsinanana	
Project Title: Conservation and Improvement of Ecosystem Services for the Atsinanana Region through Agroecology and the Promotion of Sustainable Energy Production	
Duration months planned:	48
Duration months age:	73
Project Type:	Full Sized Project (FSP)
Parent Programme if child project:	
Project Scope:	National
Region:	Africa
Countries:	Madagascar
GEF Focal Area(s):	Biodiversity,Climate Change Mitigation,Land Degradation
GEF financing amount:	\$ 3,789,955.00
Co-financing amount:	\$ 29,900,000.00
Date of CEO Endorsement/Approval:	2020-05-19
UNEP Project Approval Date:	2020-08-28
Start of Implementation (PCA entering into force):	2020-09-03
Date of Inception Workshop, if available:	2021-07-01
Date of First Disbursement:	2020-12-07
Total disbursement as of 30 June 2026:	\$ 3,699,393.00
Total expenditure as of 30 June:	\$ 3,699,393.00

Midterm undertaken?:	Yes
Actual Mid-Term Date, if taken:	2023-04-15
Expected Mid-Term Date, if not taken:	
Completion Date Planned - Original PCA:	2025-07-31
Completion Date Revised - Current PCA:	2027-03-31
Expected Terminal Evaluation Date:	2026-06-30
Expected Financial Closure Date:	2027-03-31

1.2 Project Description

Madagascar is home to some of the most important reserves of biological diversity in the world. The forests of Madagascar have an extremely high rate of biological endemism. More than 90% of the country's endemic animal species live exclusively in the forest. Madagascar's rainforests are among the highest priority areas in the world for biodiversity conservation. However, it is estimated that Madagascar's forest cover has been reduced by 85% over the past 50 years, 80% of which can be attributed to slash-and-burn farming techniques, particularly practiced in remote forest areas. Given that the livelihoods of 70% of the population are based on agriculture and that most of the rural poor are self-employed and dependent on subsistence farming, additional efforts must be made to counter the predicted effects. of land use and land-use change on Madagascar's biological diversity, and to improve livelihoods supported by ecosystem services. This project aims to contribute to the achievement of sustainable management of natural resources by optimizing sustainable land use management, biodiversity conservation and local communities's access to household renewable energy security and electricity. climate change mitigation in the Atsinanana region. To achieve these objectives, this project will undertake three synergistic sets of activities which are represented as components of the project. Component 1: Improvement of the regulatory framework. This component will strengthen the governance of resource use at the landscape level by developing and amending the regulatory framework for the sustainable management of land and forests and biodiversity. This will create and improve an enabling framework for the restoration, conservation and environmental resource management in Atsinanana. Component 2: Scaling up sustainable land management practices. The project will work with local communities to strengthen conservation actions by supporting the drafting and signing of conservation agreements. Through this process, and with the support of this project: the conservation of at least 3500 ha of globally significant biodiversity habitats, the restoration of at least 500 ha of degraded land adjacent to or within forests conservation value identified, and improved management through the implementation of SLM in at least 4,800 ha of production landscapes. Over a 20-year period, potential avoided GHG emissions of 1,013,805 tonnes of CO₂e resulting from changes in land use.

Component 3: Improvement of rural energy production systems. Aware of the important role played by energy demand in forest dynamics in Madagascar, this project will develop and implement a renewable energy development program for the Atsinanana region. This program will include the installation of a bamboo gasification plant to produce renewable and affordable energy for local people, and the introduction of improved and energy-efficient stoves in the project area. To ensure the sustainability of this program, there will be dedicated activities to train local populations in renewable energy technologies, as well as potential for investment in renewable energy value

chains. Through public-private partnerships and the development of financing mechanisms for small and medium-sized industries interested in investing in the renewable energy value chain, the sustainability of these projects and systems will be enhanced. Over a period of 20 years, potential avoided GHG emissions of 624,000 tonnes of CO₂e will be achieved through the production of electricity by bamboo gasification and the use of improved stoves..

This project is executed by the Ministry of the Environment and Sustainable Development, in partnership with ANAE, AIDES and DREDD Atsinanana.

1.3 Project Contacts

Division(s) Implementing the project	Ecosystems Division
Name of co-implementing Agency	
Executing Agency (ies)	Ministry of Environment and Sustainable Development
names of Other Project Partners	ANAE and AIDES
UNEP Portfolio Manager(s)	Johan Robinson
UNEP Task Manager(s)	Daniel Pouakouyou
UNEP Budget/Finance Officer	George Saddimbah
UNEP Support Assistants	Charles Imbenzi
Manager/Representative	RATSIALAINKERY Tina Silly Jerison
Project Manager	RALALAHARISOA Christine Edmee
Finance Manager	RAHOLIARIVONY Julia
Communications Lead, if relevant	RALISON Paul Olivier

2 Overview of Project Status

2.1 UNEP PoW & UN

UNEP Current Subprogramme(s):	Thematic: Nature action subprogramme
UNEP previous Subprogramme(s):	Ecosystem subprogramme
PoW Indicator(s):	- Nature: (i) Number of national or subnational entities that, with UNEP support, adopt integrated approaches to address environmental and social issues and/or tools for valuing, monitoring and sustainably managing biodiversity. - Nature: (iii) Number of countries and national, regional and subnational authorities and entities that incorporate, with UNEP support, biodiversity and ecosystem-based approaches into development and sectoral plans, policies and processes for the sustainable management and/or restoration of terrestrial, freshwater and marine areas - Nature: (iv) Increase in territory of land- and seascapes that is under improved ecosystem conservation and restoration - Nature: (v) Positive shift in public opinion, attitudes and actions in support of biodiversity and ecosystem approaches
UNSDCF/UNDAF linkages	UNDAF Outcome 1: Vulnerable populations in intervention zones have access to income opportunities and employment , improve their resilience, and contribute to inclusive and equitable growth for sustainable development
Link to relevant SDG Goals	- Goal 1: End poverty in all its forms everywhere - Goal 15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss
Link to relevant SDG Targets:	

2.2. GEF Core and Sub Indicators

GEF core or sub indicators targeted by the project as defined at CEO Endorsement/Approval, as well as results

	Targets - Expected Value				
Indicators	Mid-term	End-of-project	Total Target	Materialized to date	Remarks
3.1- Area of degraded agricultural lands under restoration		4800	4800		Initially 4,800 ha of cropland redirected to areas under improved

Indicators	Targets - Expected Value				Remarks
	Mid-term	End-of-project	Total Target	Materialized to date	
					management to benefit biodiversity (4.1)
3.2- Area of forest and forest land under restoration	200	500	500	500	Completed - project ended
3.3- Area of natural grass and woodlands restored		300	300		Initially 300 ha at CEO endorsement and moved to Area of forest and forest land under restoration (3.3)
4.1- Area of landscapes under improved management to benefit biodiversity	3000	3500	3500	5050	Completed - project ended
4.3-Area of landscapes under sustainable land management in production systems	5050	293000	250000	250000	Completed - project ended
6- Greenhouse gas emissions mitigated	506902.5	1013805	1013805	3898052	Completed - project ended
11- People benefitting from GEF-financed investments	7500	15000	15000	25569	Completed - project ended

	Targets - Expected Value				
Indicators	Mid-term	End-of-project	Total Target	Materialized to date	Remarks
11.1- Male	4000	8000	8000	15596	Completed - project ended
11.2- Female	3500	7000	7000	9973	Completed - project ended

Implementation Status 2026: Final PIR

2.3. Implementation Status and Risks

	PIR#	Rating towards outcomes (section 3.1)	Rating towards outputs (section 3.2)	Risk rating (section 4.2)
FY 2026	Final PIR	S	S	L
FY 2025	5th PIR	S	S	L
FY 2024	4th PIR	S	S	L
FY 2023	3rd PIR	S	S	L
FY 2022	2nd PIR	S	S	L
FY 2021	1st PIR	S	S	L
FY 2020				
FY 2019				
FY 2018				
FY 2017				
FY 2016				
FY 2015				

Progress: Information on progress 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. The project has now ended.

Challenges: Information on challenges of project implementation activities

The main challenge in implementing this project lies in recruiting the future operator of the Antseranambe bamboo gasification plant. In accordance with national regulations, this recruitment falls under the jurisdiction of the Rural Electrification Development Authority (ADER), under the auspices of the Ministry of Energy. Despite the length and complexity of the related procedures, the call for applications for the future operator, the final step in the process, has been launched. All the necessary equipment (poles, cables, gasifier, plant infrastructure, etc.) for this low-voltage distribution network is already available.

2.4 Co Finance

Planned Co-finance:	\$ 29,900,000
Actual to date:	29,900,000
Progress	Justify progress in terms of materialization of expected co-finance. State any relevant challenges: Co-financing commitments recorded to date amount to USD 29 900 000 (PIR 1: 7 201 648 USD, PIR 2: 9 788 052 USD, PIR 3: 6 174 000 USD, PIR 4: 6 336 300 USD, PIR 5: 400 000 USD). This amount corresponds to the headings local, vehicle and various facilitations for the MESD, the MEH through the ADER and the ORE and the headings services, premises, vehicle, equipment for the project partners (AIDES, ANAE, CMBART, UPPP etc...)

2.5. Stakeholder

Date of project steering committee meeting	2024-12-17
Stakeholder engagement (will be uploaded to GEF Portal)	The project continues to implement the stakeholder engagement plan, which has been developed and validated. Stakeholder engagement at all levels has been achieved through their integration into decision-making and operational processes. Following the extension of the project's implementation period, the mayors of the urban communes of Vatomandry and Brickaville, where the two improved cookstove research and development centers are located, have continued to collaborate with the project.

	The mayor of the Anivorano-Est commune and the head of the Antseranambe fokontany (village), where the bamboo gasification power plant is located, provided support during the installation of the low-voltage distribution network and contributed to raising public awareness about the importance of this project for the social well-being of the residents, as well as for the economy and environment of the village of Antseranambe and the Anivorano-Est commune. The Vatomandry and Brickaville Forestry and Environment Departments continued to monitor project activities within their respective jurisdictions. The Ministry of Energy, the Rural Electrification Development Authority (ADER), and the Electricity Regulatory Agency (ARELEC) continued to contribute to the project.
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2.6. Gender

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. The final activities carried out during this reporting period saw the participation of women in both the restoration of the remaining areas and the maintenance of previously restored areas, as well as the upkeep of the bamboo plantations. Many women benefited from the awareness session on the advantages of electrification through bamboo gasification and expressed great enthusiasm for using this sustainable energy source. All 3,000 improved cookstoves produced as part of the project have been sold, and women are the most frequent adopters of this clean technology. Additional efforts have been made to secure the role of women in leadership roles, especially in the post-project activities now that the project is effectively closed.

2.7. ESSM

Moderate/High risk projects (in terms of Environmental and social safeguards)	Was the project classified as moderate/high risk CEO Endorsement/Approval Stage? Yes If yes, what specific safeguard risks were identified in the SRIF/ESERN? The expand stakeholder advisory group established to manage the implementation of action plans is composed of representatives of local landowners and users and will ensure that land rights issues are properly addressed. The project introduces conflict resolution measures as part of the community consultation mechanisms to be established for the participatory management of natural and social assets. Representatives of local communities in the expended stakeholder advisory group simultaneously serve advisors on local land issues and guide the project to avoid land use tenure conflicts arising from project implementation. This project supports the creation and operationalization of appropriate local participatory platforms for project implementation, specifically taking into account gender dimensions. As a principle of community interaction, a "farmer school" approach is applied to the demonstrations, actively involving and putting local communities in the driver's seat and having them collaborate with regional extension staff from various sectoral
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	ministries. The project strives to build capacity at the local level, including through the process of developing local adaptation plans. Project initiative implemented in close collaboration with local authorities and technical partners such as local civil society organizations. These technical partners play a critical role in testing and validating pilot adaptation options, as well as in widely disseminating best practices. Considerable effort has been invested in the appropriate design of knowledge products to ensure their usefulness and application. The project's social sustainability approach also contributes to addressing this challenge. Supporting legislation to ensure adequate feed-in tariffs or similar tariff incentives. Technical assistance to enable optimal financial intermediation through appropriate financial support instruments.
New social and/or environmental risks	Have any new social and/or environmental risks been identified during the reporting period? No If yes, describe the new risks or changes?
Complaints and grievances related to social and/or environmental impacts	Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period? No If yes, please describe the complaint(s) or grievance(s) in detail, including the status, significance, who was involved and what actions were taken?
Environmental and social safeguards management	Support for existing initiatives in terms of security land a continuous activity throughout the project implementation. As part of the environmental impact assessment of the power plant installation (gasification generator) on the community, in accordance with the notification from the ONE (National Environment Office), the entity responsible for implementing the decree on the compatibility of investments with the environment, the project must develop an Environmental Commitment Program (ECP) in place of the Environmental Impact Assessment (EIA). The ECP is complete. The on-site verification and assessment by the environmental service of the Ministry of Energy has also been carried out. The project has received environmental authorization from the Ministry of Energy. The project is now closed, but as part of the exit strategy, the project has encouraged the private company taking over to continue the implementation of the mitigation measures identified in the assessment, and to enforce the GRM system established to report on progress on these actions as appropriate and at all levels. This will be reflected in the project terminal evaluation report.

2.8. KM/Learning

Knowledge activities and products	The implementation of the national strategy and the project's communication plan is ongoing. Various awareness-raising, information, education, and communication tools related to the sustainable development concepts supported by the project have been developed and disseminated.
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	Communication and awareness-raising sessions on the socio-economic and environmental benefits of electricity generation from biomass, including bamboo, have continued as part of the installation of low-voltage distribution network supplies in Antseranambe. A manual on bamboo gasification for electricity production has been developed.
Main learning during the period	- Learning is a continuous process. The nursery owners received consistent support throughout their collaboration, which was essential for strengthening their skills. Organizational management, including planning and the use of management tools, is crucial for the nursery's success. The nursery owners learned to better plan their activities. - The project participated in the celebration of various World Environment Days and facilitated exchanges with visitors on improved cookstoves, agroecology, and sustainable energy.

Reflows

Reflows (for NGIs only)	
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2.9. Stories

Stories to be shared	While awaiting the signing of the partnership agreement with the gasification plant operator, the bamboo farmers continued maintaining the bamboo plantation at their own expense and on their own initiative. In two years, the village of Antseranambe has expanded, and the new residents, not yet counted in the feasibility study, have expressed their desire to access electricity produced from bamboo gasification and intend to subscribe to the service.
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3 Performance

3.1 Rating of progress towards achieving the project outcomes

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
Objective: Optimizing Sustainable Land Use Management, Biodiversity Conservation and Local Community Access to Renewable Household Energy Security and Climate Change Mitigation in Madagascar		No SLM technique applied - 0%	Sustainable land management techniques adapted to the Atsinanana region and in line with the vision of agro-ecology requirements are identified and tested - Bamboo gasification power generation process is halfway done	Farmers in project intervention communes adopt sustainable land management techniques - The village of Antseranambe is electrified using energy produced by the gasification of bamboo.	100%	1. Agroecological practices and improved land management: Agroecological practices were applied across approximately 5,050 ha, exceeding the end of project target of 4,800 ha. A total of 3,650 farmers across 13 fokontany in the two intervention communes were training in soil improvement, permanent soil cover, erosion reduction, crop rotation and associated cropping and received improved seeds.2. Restoration and bambo-based renewable energy: The project achieved the reported target of 500 ha of forests and forest lands under restoration. Bamboo plantations and the associated gasification infrastructure at Antseranambe have been completed; the gasification unit has been installed and tested, together with the required electricity distribution equipment. Operation is pending the designation of an operator by the Rural Electrification Development Authority.Overall, the project met or exceeded most en-of-project targets,	HS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
						including 5,050 ha against 4,800 ha under improved practices, 250,000 ha under sustainable land management, 3.90 million CO2e mitigated against a target of 1.01 million tCO2e, and 25,569 beneficiaries against a target of 15,000.	
Outcome Result 1.1: Enabling policy and The institutional environment for the integration of SLM, BD conservation and sustainable energy production at national, regional and municipal executives Mainstreaming biodiversity and landscape restoration in the XX through strengthening national policies, legal and institutional framework	Area forests and agricultural land in the Atsinanana District that will benefit from improved management as a result of improved enabling policy and institutional environment	0 Ha	At least 125,000 hectares of forest land and 70,000 hectares of agricultural land	At least 239,000 hectares of forest and agricultural land with 4 Communes have management plans to guide restoration and conservation efforts	100%	250,000 ha of forests and agricultural lands have been put under sustainable land management, exceeding the initial target of 239,000 ha. The project has now closed.	HS
Outcome Result 1.1: Enabling policy and The institutional environment for the integration of SLM, BD conservation and sustainable energy production at national, regional and municipal executives Mainstreaming biodiversity and landscape restoration in the XX through strengthening national policies, legal and institutional	Integrated natural resource management into food production practices (including gender-disaggregated data on participation)	None	Gender disaggregated data on attendance indicating 50% representatives of men and women	At least, 12 operational multi-stakeholder platforms (convening and decision-making) in place at the project sites, plus, one at the national level (including gender-	100%	.15 operational multi-stakeholder platforms have now been put in place and are operational. The project has now closed	HS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
framework				disaggregated data on participation indicating 50% representation of men and women)			
Outcome Result 1.1: Enabling policy and The institutional environment for the integration of SLM, BD conservation and sustainable energy production at national, regional and municipal executives Mainstreaming biodiversity and landscape restoration in the XX through strengthening national policies, legal and institutional framework	Number of policies and incentives in place at national and local levels to support the integration of SLM and BD	None	At least, 2 regulatory frameworks supporting SLM and BD integration in the Atsinanana region	At least 3 regulatory frameworks supporting SLM and BD integration in the Atsinanana region	100%	One policy document and one strategy documents have been produced and validated. Two additional books on SLM have been produced and transmitted to MEDD for publication. A Regional Order has also been signed by the Governor of the Atsinanana region prescribing the roadmap on mainstreaming SLM into development policies	HS
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two priority districts	Globally significant biodiversity area habitat managed by communities under conservation agreements	0 Ha	1000 Ha	3500 Ha	100%	All the indicators and targets of the project have been achieved and exceeded. The project closed.	HS
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two	Number of smallholder farmers (at least 50% of whom should be women) benefiting from SLM or DB value chains	None	At least 50 farmers incorporating SLM into their land use	SLM techniques practiced by at least 150 farmers in each of the Atsinanana	100%	All the indicators and targets of the project have been achieved and exceeded. The project closed.	HS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
priority districts			practices. Women are encouraged to participate in at least 2 major renewable energy value chain activities Atsinana Region	districts - Women are involved in at least 4 major activities in the renewable energy value chain			
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two priority districts	Area (in Ha) adjacent to or within restored high conservation value identified forests	0 Ha	200 Ha	500 Ha	100%	500 ha of forests and forest lands have been restored. The project is now closed	HS
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two priority districts	Area (in Ha) of land and agro-ecosystems under Integrated Land Management [includes sex-disaggregated data on land ownership / commitment to diversification / MHH and FHH requiring food aid	Integrated land management is not a feature of land use in Atsinanana, and the extent of land area and agroecosystems under Integrated Land	At least 3000 ha with improved soil and water management that also improves biodiversity [of which women-owned and managed land constitutes at least 50%	At least 4800 ha with improved soil and water management that also improves biodiversity [of which land owned and managed by women constitutes at least 50%]	100%	All the indicators and targets of the project have been achieved and exceeded. The project closed.	HS
Outcome Result . 2.1: Biodiversity management /	Number of smallholder farmers (of which at least	None	At least 3,000 farmers	Agroecological measures	100%	All the indicators and targets of the project have been achieved and exceeded. The project closed.	HS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
provision of ecosystem services integrated into forest landscape management in two priority districts	50% should be women) benefiting from the implementation of agroecological measures		incorporating SLM into their land use practices	practiced by at least 7,000 farmers Districts of Atsinanana			
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two priority districts	% improvement in local farmers' incomes thanks to the implementation of agroecological measures	0%	5%	20%	80%	Farmers income have increased significantly from the initial 5% (baseline) to approximately 17% slightly below the 20% end of project target.	HS
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two priority districts	Number of gender-responsive systems/initiatives in place to monitor ecosystem services, as well as SLM uptake, use and challenges disaggregated by gender	No gender sensitive system/initiative in place to monitor ecosystem services and SLM in the project	A framework and action plan developed for a gender responsive system/initiative to monitor ecosystem services and SLM in the project	At least two gender-responsive systems/initiatives in place to monitor multi-scale ecosystem resilience, food security and GEBs established at national and landscape levels	100%	Two women-led initiative have been put in place and running since 2025.	HS
Outcome 3: The local community, local leaders and the private sector are sensitized and contribute to the rural energy strategy for the Atsinanana region	Number of networks supporting the renewable energy value chain in the Atsinanana region	No renewable energy value chain in the Atsinanana Region	At least one network supporting renewable energies exists	There are at least three networks supporting different renewable energy sectors	100%	The end of project target was reached during the previous reporting period. The project has now closed	HS
Outcome 3: The local	Households using energy	Households do	At least 2,000	At least 3,000	100%	A total of 3,000 stoves were produced and	HS

Project Objective and Outcomes	Indicator	Baseline level	Mid-Term Target or Milestones	End of Project Target	Progress as of current period(numeric, percentage, or binary entry only)	Summary by the EA of attainment of the indicator & target as of 30 June	Progress rating
community, local leaders and the private sector are sensitized and contribute to the rural energy strategy for the Atsinanana region	efficient stoves	not use energy-efficient stoves	households using energy efficient stoves	households using energy-efficient stoves		disseminated during the project cycle.	
Outcome 3: The local community, local leaders and the private sector are sensitized and contribute to the rural energy strategy for the Atsinanana region	Number of people using energy from bamboo gasification	The Atsinanana region does not have a bamboo gasification factory and does not sufficiently appreciate the usefulness of bamboo as a raw material for the production of energy by gasification	At least 100 people using energy from bamboo gasification plant	At least 200 people using energy from bamboo gasification plant	100%	All the indicators and targets of the project have been achieved and exceeded. The project closed.	HS
Outcome 3: The local community, local leaders and the private sector are sensitized and contribute to the rural energy strategy for the Atsinanana region	Hectares planted with bamboo since the start of the project	There are no bamboo plantations to support gasification	150 hectares of bamboo grove supporting the renewable energy value chain	At least 300 hectares of bamboo plantations exist to support the renewable energy value chain	100%	The 300 ha of bamboo plantations were established during the previous reporting period	HS

3.2 Rating of progress implementation towards delivery of outputs (Implementation Progress)

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	1.1 Establish and operationalize multi-stakeholder / inter-sectoral coordination mechanism for SLB, BD strengthened at Atsinanana district landscape level in accordance with local authorities and administrations	2023-12-31	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 1: Organize a broad multi-stakeholder workshop with relevant stakeholders to establish multi-level, multi-sector, multi-stakeholder coordination mechanism for SLM, and BD management	2021-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 2: Elaborate a road map to SLM, and sustainable BD management to guide the coordination mechanism, and adoption into regional policy or law.	2021-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 3: Consult with relevant stakeholders to identify and support existing initiatives of land tenure security in the project pilot areas	2021-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 4: Establish mechanisms for the financial sustainability of key project activities beyond the life of the project	2022-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming	1.2 Regulatory framework (1. Environment Code of Madagascar, 2. National Agroecology strategy and 3. National	2024-06-30	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
biodiversity and landscape restoration	strategy for land management) is drafted/amended to strengthen SLB, BD mainstreaming					
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 5: Elaborate a National Agroecology Strategy	2021-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 6: Revise and amend the Environment Code of Madagascar to integrate SLM, and BD management	2021-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 7: Review the environmental national policy for sustainable development document to integrate biodiversity dimensions, sustainable energy and SLM.	2021-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	1.3 Stakeholders' knowledge on natural resources management at national, regional, district and municipal level are improved and data to support sustainable management of the biodiversity and forest resources of the Atsinanana Region is collected and available at the end of the project	2024-12-31	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 8: Provide training on environmental and natural resources challenges, SLM and BD options and potential for mainstreaming.	2023-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
restoration						
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 9: Encourage the media to embrace effective, positive and informative environmental coverage in order to enhance awareness and prioritization of the environment.	2024-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 10: Collect data to support SLM and BD options for Atsinanana and create a database at the regional level to hold the data collected	2022-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	1.4 Institutions' capacity is strengthened across sectors to collaborate and manage the Atsinanana region landscape by the end of the project	2024-12-31	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 11: Organize a series of training to build capacity on participatory landscape management.	2023-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 12: Develop and circulate a guide to support the integration and implementation of SLM, BD management	2022-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming	1.5 Two sectorial actions plans (agriculture, energy) developed that integrate biodiversity dimensions, sustainable energy	2024-12-31	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
biodiversity and landscape restoration	and SLM					
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity13: Develop two sectorial actions plans (agriculture, energy) developed that integrate biodiversity dimensions, sustainable energy and SLM.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	1.6 Municipal development plans developed for 4 municipalities in Atsinanana region integrating BD, sustainable energy, SLM and lessons learned to upscale to other municipalities	2022-12-31	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 14: Support the implementation of the elaborated sectorial plans in the pilot locations.	2023-09-03	100%	100%	Completed and reported during the previous period	HS
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	Activity 15: Analyze existing development plans and Develop/Review and validate development plans that integrate biodiversity dimensions, sustainable energy and SLM	2021-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	2.1 Conservation agreements entered into by MEEF and local communities resulting in the conservation and active management of at least 3,500 ha of globally significant biodiversity habitat.	2024-12-31	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a	Activity 16: Carry out an inventory of environmental resources as well as	2022-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
wider landscape	ecosystem services to support the substance of conservation agreements to be drafted.					
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 17: Form a technical committee to draft (through collaborative processes) conservation agreements with communities in the project locations.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 18: Consult relevant community stakeholders to sign conservation agreements as well as formalize such engagements into regional and district policies and laws.	2023-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 19: Elaborate participative monitoring systems for environmental commitments outlined in the conservation agreements	2023-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	2.2 At least 500 ha of degraded land adjacent to or within identified High Conservation Value Forests restored using native and adapted species with bamboo if appropriate.	2025-12-31	86%	100%	The remaining 71 hectares have been restored, making it possible to reach the target of 500 hectares set by the project.	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 20: Organize workshops to define the scope and scale of the forest restoration challenges and goals ²¹¹ and establish a list of local species to be planted.	2021-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 21: Undertake a participative restoration of identified High Conservation Value Forests restored using local species.	2024-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 22: Strengthen environmental impact studies and bring all projects or	2022-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
wider landscape	investments into conformity in order to reflect the state of biodiversity based on no loss					
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 23: Support and enhance the fight against bushfires and land degradation related practices in areas of the restored forests	2023-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	2.3 For production cultivated land (4,800 ha targeted): technologies developed, tested and appropriate infrastructure established to operationalize SLM in line with developed ILMPs, namely : (i) incorporation of nitrogen-fixing trees into annual monocropping; (ii) improvement of planting methods and use of high yielding varieties; (iii) improved water management; (iv) increase in use of organic fertilizer and (v) integrated pest management.	2024-12-31	100%	105%	The agroecological techniques introduced in the two municipalities were able to cover the identified available areas of approximately 5,050 hectares instead of the 4,800 hectares targeted by the project.	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 24: Form a technical group to develop and test SLM technologies that are appropriate for the Atsinanana region and in tune with the demands vision of agro-ecology in partnership with relevant stakeholders.	2021-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 25: Organize two trainings in the districts of Atsinanana on the SLM technologies tested and on their possibilities for adoption and implementation	2022-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM	Activity 26: Progressively introduce in SLM	2024-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
practices and agroecology in a wider landscape	technologies into 4,800 ha of production cultivated land to increase agroecological resilience in line with Integrated Land Management Plans (ILMPs)					
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 27: Support interested farming groups and common initiatives in incorporating the role of promoters of agroecological techniques in support of SLM, and BD management, and within the identified structures of agroecological villages	2024-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 28: Conduct a study to assess the extent of adoption of introduced technologies, their impact, and identify barriers to the wide-scale adoption, as well as appropriate solutions	2024-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	2.4 Local communities are capacitated on decision making about ecosystem services management	2024-12-31	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 29: Develop and implement a training programme for 80 community representatives and 20 district level environmental on decision-making about ecosystem services at the district level administrators (50% of whom are women) on integrating	2022-09-03	100%	100%	Completed and reported during the previous period	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 30: Develop networks and knowledge platforms (regional and district) between practitioners and extension	2024-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
	services in order to disseminate good practices.					
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 31: Support the establishment and continued capacity strengthening of networks of practitioners and extension services	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	3.1 Report on Rural Energy Assessment available for Atsinanana Region by the end of year 2 of project implementation	2021-09-30	100%	98%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 32: Undertake a field study and literature review of the energy situation of the Atsinanana Region	2021-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 33: Establish a pre-project baseline on the rural energy situation for the Atsinanana Region.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 34: Organize a multi-stakeholder workshop to present the assessment report to key stakeholders.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	3.2 Development of private sector/community engagement strategy of transforming the energy sector in Atsinanana Region towards use of sustainable energy technologies	2024-12-31	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 35: Support the establishment of input supply chains promoting SLM technologies that have been introduced and the drive towards multi-functional agriculture, including that in support of renewable energy technologies	2024-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 36: Establish partnerships with active multiplier and distribution organizations such as Silo National des (INBAR), improved stove manufacturer (ADES) to secure the input supply chains and support the adoption of SLM technologies.Graines Forestières (SNGF); Centre National de la Recherche Appliquée au Développement Rural (FOFIFA); dome manufacturer/trainer for charcoal processing	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 37: Strengthen the existing input (seeds, improved stove) multiplier networks in the Atsinanana region through partnerships with existing organizations agricultural (nurseries of young plants) and business partners (stove distributors) in the local area.	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 38: Facilitate and improve communications between existing sustainable agriculture input multiplier networks and common initiatives in SLM and BD management through exchange visits and open house days.	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 39: Develop a manual for knowledge diffusion on new SLM technologies (basic principles and practices and especially its application and implications for sustainable natural resource management) in Atsinanana.	2023-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
3 Improving rural energy generation systems and wood services to reduce deforestation	3.3 Training on alternative fuel and improved stove is provided for local communities and private individuals	2024-12-31	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 40: Deliver trainings on renewable fuels as an alternative to traditional wood fuels, and the energy efficiency management, and evaluate training outcomesrole of improved stoves in SLM and BD	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 41: Develop a manual for training at local community level as well as for the operation of the improved stoves – to support community trainers in local areas.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	3.4 Demonstrate energy efficient and renewable energy technologies in the Vohibinany and Vatomandry Districts of Atsinanana Region: (i) 3,000 households adopt use of energy efficient cook stoves; (ii) one village electrified with one 25kW bamboo gasification generator	2025-12-31	80%	95%	To fully complete this process, the Rural Electrification Development Authority (ADER) still needs to identify the power plant operator so that the agreement can be signed and training provided. The training materials are already available.	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 42: Contract local crafts people and support research and development to construct a desired specification and number of cook stoves for demonstration	2021-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 43: Demonstrate energy efficient cook stove technologies in 2 locations of each district (Vatomandry and Brickaville) in the Atsinanana Region	2021-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy	Activity 44: Undertake an environmental	2021-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
generation systems and wood services to reduce deforestation	impact assessment of the effects of installation and operation of the power plant (gasification generator) in the community.					
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 45: Consult with the Ministry of Energy and Hydrocarbons as well as the municipal authority to discuss the process of setting up the power plant; the contribution of the municipality; the economic model; and on modalities for operating the unit - private company or manage by the municipality directly.	2021-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 46: Elaborate an agreement between the main actors (Donors, Ministry in charge of the environment, ecology and forests, Ministry in charge of energy with rural electrification development agency (ADER) and regulation office of electricity (ORE), Communes and develop an action plan for implementing the distribution, sales, sustainability of renewable energy from bamboo gasification in the pilot locations	2021-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 47: Support the establishment and signing of contractual agreements between bamboo plantation owners and the operator of the plant for the supply of wood to the plant	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 48: Purchase, install and test the bamboo gasification unit	2025-12-31	80%	100%	All the low voltage network distribution supplies (poles, cables and other) are already installed.	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 49: Undertake an information campaign to update local populations on the existence of the power plant and where it fits in the strategic vision of the community	2022-09-03	100%			
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 50: Deliver training, to build capacity on the gasification plant – local capacity to operate and repair the plant in liaison with the Common Production and Training Center (CPTC)	2023-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	3.5 300 ha of shrub species and bamboo plantation established for energy use and wood services	2023-09-30	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 51: Provide training to local stakeholders on the establishment and management of bamboo plantations as well as associated competences (basic business planning, financial management, available resources and tools for such investments, etc.)	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 52: Provide support through a revolving financial mechanism and soft loans for the establishment of bamboo plantations for energy use and wood services.	2023-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	3.6 Technologies transferred, adapted and produced locally as part of local enterprise activity	2025-12-31	90%	95%	Currently, the operation of the power plant in Antseranambe constitutes the project's public-private partnership (PPP) activity. The operating conditions for a power plant within the framework of rural electrification, as stipulated by	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
					current legislation, offer favorable conditions that should secure the future operator's investments. Identifying and obtaining the operating license from the Ministry of Energy (MEH) are the final steps in achieving this outcome.	
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 53: Facilitate the dialogue between the private sector and other stakeholders in order to decrease transaction costs for private-sector investments.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 54: Provide training to local technicians in the production of energy-efficient cook stoves, and SME business management in the renewable energy sector – with a clear attention to gender balance	2025-12-31	90%	100%	The project beneficiaries (nurserymen, bamboo planters, and artisans producing improved cookstoves) received training in entrepreneurial skills, and their capacities in financial management, sales techniques, and production and inventory management were strengthened to ensure the economic viability of their businesses. The training also covered aspects of personal development such as leadership, self-confidence, and communication	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 55: Provide trainings on management skills such as marketing, sales & after-sales and quality control	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 56: Train women entrepreneurs to empower them and integrate them into the energy efficient stove value chain (manufacturing, management, sales/marketing)	2024-09-03	100%	100%	Completed and reported during the previous period	HS

Component	Output/Activity	Expected completion date	Implementation status as of previous reporting period (%)	Implementation status as of current reporting period (%)	Progress rating justification, description of challenges faced and explanations for any delay	Progress Rating
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 57: Support the efficient functioning of local distribution channels by designing and disseminate marketing messages, focusing on the importance and impact of using efficient cook stoves.	2025-12-31	90%	100%	More than 30 posters were put up and more than 250 leaflets distributed, showcasing the advantages and performance of the improved cookstoves developed as a result of the project's Research & Development process.	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 58: Liaise with potential user networks to leveraging peer effects and improve potential for adoption	2024-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 59: Organize two multi-stakeholder workshops at district levels to raise the awareness of the private sector about renewable energy opportunities in key value chains.	2022-09-03	100%	100%	Completed and reported during the previous period	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 60: Foster favorable conditions for public–private partners and promote risk-mitigation mechanisms to engage in the renewable energy value chain in Atsinanana region.	2024-09-03	100%	100%	Completed and reported during the previous period	HS

The Task Manager will decide on the relevant level of disaggregation (i.e. either at the output or activity level).

4 Risks

4.1 Table A. Project management Risk

Please refer to the Risk Help Sheet for more details on rating

Risk Factor	EA Rating	TM Rating
1 Management structure - Roles and responsibilities	Low	Low
2 Governance structure - Oversight	Low	Low
3 Implementation schedule	Low	Low
4 Budget	Low	Low
5 Financial Management	Low	Low
6 Reporting	Low	Low
7 Capacity to deliver	Low	Low

If any of the risk factors is rated a Moderate or higher, please include it in Table B below

4.2 Table B. Risk-log

Implementation Status (Current PIR)

Insert ALL the risks identified either at CEO endorsement (inc. safeguards screening), previous/current PIRs, and MTRs. Use the last line to propose a suggested consolidated rating.

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
Risk 1: The capacity of relevant institutions to engage in collaboration and set up relevant platforms is insufficient	Outcome 1.1	L	L	L	L	L	L	L	=	The project continued to carry out various capacity building activities for the institutions concerned, such as local authorities, decentralized,

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
										technical services and local authorities.
Risk 2: Local government commitment to national renewable energy policy and streamlining local decision-making fails over time	Outcome 1.2	L	L	L	L	L	L	L	=	The project continued the awareness and advocacy campaign on the socio-economic and environmental benefits of renewable energies.
Risk 3: Project activities cause land-related changes that affect activities dependent on land-based livelihoods (such as food security and access to non-timber forest resources)	Outcome1.6	M	M	M	L	L	L	L	=	The beneficiaries 'ownership of the project's activities (reforestation, agroforestry,etc) give them the security and confidence that they can stay on their land and continue their activity thanks to the new techniques provided by the project.
Risk 4: Conflicts related to the use and occupation of land and conflicts between different interest groups (hunters. breeders. firewood collectors. etc.) can exacerbate current pressures on natural resources (e.g. demand farmland. bushfires. grazing and firewood collection. etc.)	Outcome 2.1. Output.2.2	M	M	M	L	L	L	L	=	For component 2, a security system has been put in place at the grassroots community level.Within this framework, households' land use and development are validated by local authorities. The choice of activities to be implemented on the plots is made to meet the needs of households and is in no way imposed in order to avoid any divergence of interests.
Risk 5: Local communities and relevant stakeholder groups (e.g. municipal authorities. community groups community groups. NGOs. public entities) are not receptive to change traditional practices	Outcome 2.1. output 2.3	M	M	L	L	L	L	L	=	For monitoring the adoption of agroecological practices, farmers who have already obtained satisfactory result continue to adapt techniques including row cultivation under living

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
that threaten the provision of agroecological services and hydrological and persist in using unsustainable farming practices										plant covers, crop association and rotation, production and use of compost or fertilizers as well as the installation of anti-erosion devices, biological or mechanical , on crop plots and they are expending their cultivation activities to other plots. For the 2024 off-season, 768 farmers have expended their activity on 65.5 ha of new plots and have chosen to grow beans and corn since these are the crops that can be marketed locally. Some have kept seeds from the production from last season, but others bought new seeds. For these two crops, production was satisfactory even though there was persistent heat during the flowering period.
Risk 6: Challenges (e.g. organization. capacity - for example. literacy levels of local officials) at the community level to sustainably manage the investment and results.	Outcome 2.1. Output 2.2 et 2.3	M	M	M	L	L	L	L	=	Capacity building is carried out throughout the implementation of the period and selection criteria are put in place for the selection of local skills to ensure the sustainability of the skills acquired, at least the ability to read and write.
Risk 7: The project may contribute to reinforce gender-based norms regarding access to land and land-based resources	Outcome 2.3	L	L	L	L	L	L	L	=	As part of the project's implementation, the promotion of agroforestry has facilitated the

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
										process of land resource development and land ownership. The active participation of women in the implementation of this activity has been noted.
Risk 8: The size and leverage of renewables may not be large enough to create a lasting impact on the market.	Outcome 3.6	L	L	L	L	L	L	L	=	The creation of two research and development centers for improved stoves in Brickaville and Vatomandry allows for the mobilization of all local resources, thus reducing transaction costs. Furthermore, in rural electrification, reducing transactions costs, for private investments is an ongoing process until the end of the project, given the evolution of beneficiaries' involvement in the entrepreneurial activities in which they participate.
Risk 9: The private sector will not be willing to invest in renewable energy projects	Outcome 3.2	L	L	L	L	L	L	L	=	The project continued to facilitate dialogue between the private sector and other stakeholders, in order to reduce the transaction cost of private sector investments.
Risk 10: Limited acceptance of renewables as viable alternative sources of traditional energy by residents	Outcome 3.4	M	M	M	L	L	L	L	=	Alongside efforts to reduce the costs of private sector investments that would normally lead to a reduction in the cost of electricity produced, the project continued to raise awareness among the population about the

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
										importance and benefits of adopting sustainable energy.
Risk 11: Low reliability or limited resistance to commercial approaches undertaken by the project in the integration of renewable energies	Outcome 3.2	L	L	L	L	L	L	L	=	The project fostered the conditions for a public-private partnership and promoted risk mitigation mechanisms for engaging in the renewable energy value chain.
		L	L	L	L	L	L	L	=	

4.3 Table C. Outstanding Moderate, Significant, and High risks

Additional mitigation measures for the next periods

Risk	Actions decided during the previous reporting instance (PIRt-1, MTR, etc.)	Actions effectively undertaken this reporting period	What	When	By Whom

High Risk (H): There is a probability of greater than 75% that assumptions may fail to hold or materialize, and/or the project may face high risks. Significant Risk (S): There is a probability of between 51% and 75% that assumptions may fail to hold and/or the project may face substantial risks. Moderate Risk (M): There is a probability of between 26% and 50% that assumptions may fail to hold or materialize, and/or the project may face only modest risks. Low Risk (L): There is a probability of up to 25% that assumptions may fail to hold or materialize, and/or the project may face only modest risks.

5 Amendment - GeoSpatial

Project Minor Amendments

Minor amendments are changes to the project design or implementation that do not have significant impact on the project objectives or scope, or an increase of the GEF project financing up to 5% as described in Annex 9 of the Project and Program Cycle Policy Guidelines. Please tick each category for which a change occurred in the fiscal year of reporting and provide a description of the change that occurred in the textbox. You may attach supporting document as appropriate

5.1 Table A: Listing of all Minor Amendment (TM)

Minor Amendments	Changes
Results Framework:	No
Components and Cost:	No
Institutional and implementation arrangements:	No
Financial Management:	No
Implementation Schedule:	
Executing Entity:	No
Executing Entity Category:	No
Minor project objective change:	No
Safeguards:	No
Risk analysis:	No
Increase of GEF financing up to 5%:	No
Location of project activity:	No
Other:	

Minor amendments

5.2 Table B: History of project revisions and/or extensions (TM)

Version	Type	Signed/Approved by UNEP	Entry Into Force (last signature Date)	Agreement Expiry Date	Main changes introduced in this revision

Version	Type	Signed/Approved by UNEP	Entry Into Force (last signature Date)	Agreement Expiry Date	Main changes introduced in this revision
Version 1	Extension	2025-06-18	2025-06-25	2026-06-30	No cost extension to complete the final activities of the project and close.
Version 2	Extension	2025-12-18	2025-12-22	2027-03-31	No cost extension to complete the final activities of the project and close

GEO Location Information:

The Location Name, Latitude and Longitude are required fields insofar as an Agency chooses to enter a project location under the set format. The Geo Name ID is required in instances where the location is not exact, such as in the case of a city, as opposed to the exact site of a physical infrastructure. The Location & Activity Description fields are optional. Project longitude and latitude must follow the Decimal Degrees WGS84 format and Agencies are encouraged to use at least four decimal points for greater accuracy. Users may add as many locations as appropriate. Web mapping applications such as OpenStreetMap or GeoNames use this format. Consider using a conversion tool as needed, such as: <https://coordinates-converter.com> Please see the Geocoding User Guide by clicking here

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Betainakoho	19.20784	48.61827		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Betainakoho	19.20824	48.82413		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Betainakoho	19.21541	08.62803		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Betainakoho	19.21886	48.62427		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Betainakoho	19.21886	48.62022		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Betainakoho	19.21515	48.61897		Commune rurale Ambalabe.	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				District Vatomandry.	
Ambalarangotra Atsimo	19.22383	48.64977		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Ambalarangotra Atsimo	19.22397	48.54698		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Ambalarangotra Atsimo	19.22264	48.54698		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Ambalarangotra Atsimo	19.22264	48.64252		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Ambalarangotra Atsimo	19.22635	48.64517		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Sahateza	18.24570	48.94704		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24639	48.94674		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24544	48.94647		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24602	48.94627		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24587	48.94606		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24740	48.94605		Commune rurale Anjahamana. District Brickaville	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Sahateza	18.24732	48.94565		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24771	48.94694		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24701	48.94725		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24698	48.94787		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24726	48.94793		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24792	48.94741		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24758	48.94.799		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24794	48.95181		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24836	48.95178		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24790	48.95249		Commune rurale Anjahamana. District Brickaville	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Sahateza	18.24667	48.95247		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24485	48.95329		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24442	48.95329		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24446	48.95358		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.24431	48.95440		Commune rurale Anjahamana. District Brickaville	Forest restoration site

Please provide any further geo-referenced information and map where the project interventions is taking place as appropriate. *

Further geo-referenced informations are attached

[\[Annex any linked geospatial file\]](#)

Additional Supporting Documents:

Filename	File Uploaded By	File Uploaded At	
Further Geospatial Informations.xlsx	Executing Agency	2026-07-07 12:19:45	Download