

GEF - PROJECT IMPLEMENTATION REPORT (PIR)

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UNEP GEF PIR Fiscal Year 2025
Reporting from 1 July 2024 to 30 June 2025

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:	61
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 2025:	\$ 3,588,955.00
Total expenditure as of 30 June:	\$ 3,588,953.00

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:	2026-06-30
Expected Terminal Evaluation Date:	2025-12-31
Expected Financial Closure Date:	2026-06-30

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
3.2- Area of forest and forest land under restoration	200	500	500	429	It is highly likely the end-of-project target will be reached

Indicators	Targets - Expected Value				Remarks
	Mid-term	End-of-project	Total Target	Materialized to date	
					on closure
4.1- Area of landscapes under improved management to benefit biodiversity	3000	4800	4800	5050	The end-of-project target has been reached and exceeded by 250ha
6- Greenhouse gas emissions mitigated	506,902.5	1,013,805	1,013,805	3898052	The greenhouse gas emission mitigated to 30th June 2025 will be added to the amount reported as materialized to date by Dec 2025 when the project closes.
11- People benefitting from GEF-financed investments	7500	15000	15000	25569	
11.1- Male	4000	8000	8000	15596	
11.2- Female	3500	7000	7000	9973	

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 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.

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.

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 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.

	The meetings to assess the degree of adoption of sustainable land management technologies introduced as part of the project, organized in Brickaville and Vatomandry, saw the participation of representatives of stakeholders from both municipalities including local authorities (Communes and Fokontany), women's and farmer's associations, local teams set up within the framework of the project. In an approach to exiting the project and strengthening sustainability, institutional actions are carried out with local authorities for information on the progress of the project through the participation of the team in various meetings, in particular the periodic meeting led by the District Chief.
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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. 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 conative 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 Vatomandry, saw the participation of 59 people, including 10 women, or 16.9% and 25.4% of young people under 30 old years

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?
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	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 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 East a continuous activity throughout the implementation project implementation. As part of the assesment environmental effects of the installation of the power plant (gasification generator) in the community, such as had notified ONE (National Office of Environment) entity responsible for the implementation of the decree of implementation compatibility of investments with the environment, the project must develop a program of Commitment Environmental (PREE) instead of the Study Impact Environmental (EIA). The study for the PREE has been comleted. The on -site verification and evaluation by the Ministry of Energy's environmental unit has also been carried out. We are awaiting the signing of the Environmental Specifications and the granting of anvironmental authorization by the Ministry of Energy.

2.8. KM/Learning

Knowledge activities and products	The implementation implementation of the starategy 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 summer 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 totha adoption of carbonizationtecnology is established.Capitalization study was carried out and a knowledge dissemination manual on newsustainable energytechnology(rural electrification with gasification and improved stoves) in the Atsinanan region was developed. 450 knoledge dissemination manuals an 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 Vatomandry , 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.
Main learning during the period	The project continued to contribute to various events environmental to publicize the project , its activities and its goals. -Two exchange visits and participation in a regional fair carried out for the benefit of the project beneficiaries: A visit exchange between planters and nurserymen carried out in Toamasina II in which 5 beneficiaries actively participated An exchange svisit of artisans organized at the NGO Tandavanala Fianarantsoa (energy efficient stoves producers), including six artisans

	who participated in the exchange visit. The observation of various actions, processes, materials, work dimensions, and production organization helps to open minds and awaken the entrepreneurial culture and ingenuity of the artisans. -TOAM'Miketrika fair in Toamasina during which the products of nurserymen, bamboo planters and energy efficient stoves were exhibited and the latter were brought to communicate and exchange with customers but also distribution partners of the products. The launch of the marketing of energy efficient stoves was also organized at the level of two Districts and in Toamasina during the participation in this TOAM'Miketrika fair. -Participation in the World Bamboo Day open day. -Support, assistance (in raw materials) and advice to beneficiary actors linked to the optimization of their business/entrepreneurial culture carried out including energy efficient stoves producers. 4 types of actor networks (nurserymen, bamboo planters, artisans and charcoal burners) supported in the optimization of their business/entrepreneurial culture: increase in production, Development of partnership and increase in the number of partners through the establishment of a climate favorable to self-investment, application of management tools, opening of bank account/microfinance institution. -Two multi-stakeholder workshops were held: Awareness-raising workshop in Antananarivo on investment opportunities in renewable energy, particularly the Antseranambe power plant. This event brought together stakeholder/investors in rural electrification operating in the Atsinanana region and Anivorano east. Awareness-raising workshop on renewable energy opportunities in sustainable energy value chains (bamboo, energy efficient stoves, electricity, carbonization) in Toamasina bringing together local authorities, representatives of associations and NGOs. -As part of sustainable land management, a workshop to share experiences and good practices to support the creation and continuous strengthening of the capacities of practitioner networks and extension services was carried out in Brickaville and another in Vatondranjato.
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Reflows

Reflows (for	
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NGIs only)	
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2.9. Stories

Stories to be shared	From a simple nurseryman to an entrepreneur In 2021, nurserymen were selected by the project to establish a collaboration and achieve the project's objectives and anchor local development. Others have already worked in the production of young plants, especially fruit trees, since 2015. At that time, these nurserymen already knew the potential of bamboo in preserving the environment. But their activity of producing and selling young plants was not stable, especially since the population does not see the usefulness and benefit of planting bamboo. In reality, their activity of producing and selling young plants does not meet their needs. Some need to obtain a second job such as plowing to meet these needs in the household. Others are content with the little that their nursery can offer. Nurseryman DJADJAMADY Tanjia was one of the nurserymen trained by a development project between 2015 and 2017. However, the intervention focused mainly on the technical aspects of production. The management and entrepreneurship aspects were lacking. For example, they did not use a monitoring and management notebook at the nursery level, making it difficult to perceive the funds used and the benefits of the various activities. In 2022, the SLM Atsinanana project provided technical and organizational management training to improve the technique of bamboo propagation and nursery management. In this way, Djadjy, as he is called, says he has a better vision in the management of his nursery. Overall, during the project, the nurserymen produced 120 000 bamboo seedlings. To ensure the sustainability and empowerment of beneficiaries, the project has included training on entrepreneurial culture in 2024. This training has allowed them to seek business opportunities to sustain their activity. According to Djadjiamady, "even if the project is coming to an end, it is certain that our activity will be sustainable since the population knew the benefit of planting bamboo". In other words, the project has brought more visibility for him, since he currently has contracts with organizations and development projects such as ALTERRA. Thanks to good income management, nurserymen have diversified their income generating activities to invest in other areas. Like Djadjiamady, he invested in business by opening a grocery store in their neighborhood, thus transforming him into an entrepreneur. From Fire to Bravery: Craftsmen Revive the improved fireplace Previously marginalized, the manufacture of improved stoves in our intervention areas faced two major challenges: a dependence on products imported from Antananarivo, often damaged due to the state of the RN2, the means of transport (generally trucks) and local production that was unattractive in
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	terms of aesthetics and performance. With launch of the project, a new lease of life was breathed into this sector. Already active artisans were identified, while new talents, motivated by the opportunity offered, fully committed themselves to improved stove manufacturing. Thanks to the technical training provided in 2023, some chose to continue this activity and perfect they know-how. Others gave up, not believing in the development of this sector in the locality, and in 2024, this sector was on the verge of abandonment. But thanks to the team's efforts to revitalize and support these artisans, they were able to get the activity back on track. Today, these visionary artisans have successfully sustained their business. They now collaborate with clean cooking projects through supply contracts, demonstrating the professionalism they have developed. Their determination to officially register with the Register of Arts and Crafts reflects their desire to build a sustainable and recognized industry.
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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	Rate of improvement in land use management in project intervention communesRate of access to sustainable energy for the local population in the project intervention village	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.	85%	1-Agroecological practices introduced into the intervention areas allow to improve soil quality, to ensure permanent soil cover, to reduce erosion water and practice rotation or mixed cropping. The technique covers an area of approximately 5,050 Ha and the 3,650 farmers of the 13 fokontany of the two intervention communes. Activities included awareness raising and the establishment of demonstration plots. Farmers have also been trained in the different techniques and have benefited from the improved seeds distributed2-Bamboo plantations to supply the gasification machine are completed,The infrastructure of the bamboo gasification plan are built in Antseranambe, local authorities and communities are aware of the importance of this initiative and are enthusiastic.The bamboo gasification machine, imported from India is already installed and tested.All others	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
						equipment (poles, cables,etc) already available.The recruitment of the responsibility of the Electrification Development Authority Rural) which will ensure the installation and commissioning of a low voltage network in Antseranambe.	
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%	The regional policy on the integration of sustainable land management, biodiversity, and sustainable energy give the binding character to the outcomes of the project and this policy has been promulgated throughout all the districts that make up the Atsinanana region. The development and implementation of the two sectoral action plans for agriculture and energy integrating the dimension of sustainable land management, biodiversity and sustainability energy lead to a better land management agricultural for forestry.Municipality development plans equally integrate sustainable land management and biodiversity and provide each municipal authority with concrete guidelines on land management, agriculture and forestry.The national strategy on agroecology was transmitted to the Ministry of agriculture 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
						provides clear guidance on agroecology systems.	
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	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-disaggregated data on participation indicating 50% representation of men and women)	100%	Activities target both women and men and the implementation approaches of the project activities are adapted to ensure women participation. Women are highly motivated and have fully benefited from the project. They have been supported and trained to improve production in their farm using agroecological practices. In the implementation of ecological restoration activities, women have been employed in nursery activities, tree planting and as local trainers for communities. The empowerment activities have helped them to strengthen their knowledge and their leadership skills. Multistakeholder platforms established and operational are : the multi-stakeholder and intersectoral coordination committee responsible for coordinating the implementation work of the regional decree on integration the sustainable land management, biodiversity and sustainable energy in the Region Atinana; the nursery network , 04 bamboo planters networks, 02 artisan networks, 02 platforms practitioners 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
						popularizes(01 in Brickaville, and 01 in Vatomandry);the technical group to develop and test regionally appropriate GDT technology of Atsinanana and in accordance with the vision of the requirements of agroecology in partnership with the stakeholder involved; 04 women's association in Ambalabe(Tanjona, Miaramirindra, Talavingna, Avotra), 01women's association in Anjahamana	
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%	The policy directive document on the integration of GDT,BD and sustainable energy has been sent the relevant directorate at MEDD for validation.The strategy document for the promotion of agroecology has been officially transmitted to the Ministry of Agriculture with a copy to the head of the environment unit at the government department.The two books on sustainable land management and the promotion of sustainable energy to complement and improve the existing draft environmental code have been developed and transmitted to the General Directorate of Sustainable Development and to the Directorate of Legal Affairs and Litigation within MEDD.A regional	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
						order regional has been signed by the Governor of the Region Atsinanana to reinforce the roadmap on the integration of sustainable land management, biodiversity and sustainable energy into development activities carried out in the Region Atsinanana.	
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%	Two conservation agreements have been signed with the relevant stakeholders including the local authorities, the communities, the representative of MEDD at regional level, and the representatives of protected areas managers in biodiversity hotspots targeted in the framework of this project, especially the Madagascar National Parks (MNP) and Missouri Botanical Garden (MBG). These conservation agreements stipulate environmental commitments aimed at managing the 3,500 hectares of biodiversity of importance global; as well as forests managed within the framework of the TGRN. These environmental commitments boil down to promoting the integrity of the forest. These areas will benefit of a reduction of anthropogenic pressures, in particular slash and burn agriculture,	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
						irrational exploitation of forest products, and the reduction in hunting activities of threatened species. In return, local populations, and not just grassroots communities, will benefit from alternative activities to compensate for the reduction in their access to tressources. The effective implementation of the environmental commitments stipulated in these agreements is linked to the implementation of a participatory tracking system in order to better asses the efficiency.	
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two priority districts	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 practices. Women are encouraged to participate in at least 2 major renewable energy value chain activities Atsinana Region	SLM techniques practiced by at least 150 farmers in each of the Atsinanana districts - Women are involved in at least 4 major activities in the renewable energy value chain	100%	Two pilot villages have been established in the 2 municipalities where the project is involved and the 150 farmers, 32,5% of whom are whomen, have continued to adopt the agroecological practices introduced, in particular agroforestry, groundwater management by the implementation of development techniques, the establishment of plant covers, the use of improved seeds, integrated fertility management, minimum tillage, crop rotation and association with other crops. This adoption is done gradually by each farmer. These include the production of bamboo nurseries,	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
						bamboo plantation for sustainable energy production and craftsmen in energy-efficient stoves.	
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	86%	429 hectares of degraded areas have summer restored in the two municipalities where the project is being implemented.	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%	The introduction of agroecological practices in the intervention areas allow to improve soil quality , to ensure permanent soil cover, to reduce erosion and practice rotation or the association of crops. These techniques have been introduced to cover an area of approximately 5,050 Ha. 3,650 farmers owning plots have been trained in the different techniques introduced and have benefited from the improved seeds of pea, peanut, corn and rice distributed, including 2,337 men and 1,313 women, or 36% to level of the 13 fokontany of the two intervention municipalities.	HS
Outcome Result . 2.1: Biodiversity management / provision of ecosystem services integrated into forest landscape management in two	Number of smallholder farmers (of which at least 50% should be women) benefiting from the implementation of	None	At least 3,000 farmers incorporating SLM into their land use	Agroecological measures practiced by at least 7,000 farmers Districts	Measures agroecological practiced by 3736 farmers, owners of 5050	37i36 farmers (3650 farmers +86 farmer's associations) have already been trained in agroforestry and other SLM practices and have started to put this technique to use.	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	agroecological measures		practices	of Atsinanana	ha in the 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%	An improvement in the production of minus 100% has been	The introduction of agroecological technique started at the level of the 2 sites pilot villages for the 2023 off-season cultivation and for the cultivation of the 2023/2024 season it was extended to the 13 fokontany concerned. With the adoption of agroecological practices including row cropping techniques under plant cover living with the installation of ant-erosion devices, a performance improvement has been noted. Particularity for peanuts , the yield increased from 0.6 to 0.9t/ha, for ground peas from 0.6 to 1.1 t/ha for rice cultivation irrigated from 1.4to 3t/ha and for rain-fed rice from 0.6 to 1.8t/ha. An improvement in the production of maize by 100% has been noted.	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	A framework and action plan developed for a gender responsive system/initiative to monitor	At least two gender-responsive systems/initiatives in place to monitor multi-scale ecosystem resilience, food	Two initiatives implemented artwork	These are off-season associated crops carried out by women and agroforestry clove bush allowing the implementation land value, especially small areas owned by women.	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
		SLM in the project	ecosystem services and SLM in the project	security and GEBs established at national and landscape levels			
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%	This is the network of nurserymen, network of producers of improved homes (Brickaville and Vatomandry); network of bamboo planters and Charcoal network.	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%	Three networks, made up of nursery growers, bamboo planters and the energy efficient stoves, have been established and fully functional	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	Households using energy efficient stoves	Households do not use energy-efficient stoves	At least 2,000 households using energy efficient stoves	At least 3,000 households using energy-efficient stoves	74%	Thanks to the financial support granted by the project to the artisans selected for this, the production of 3000 improves has been achieved.After the marketing monitoring carried out this month of june 2025, a saleof 2206 improved stoves,or 73,5% of the project objective, was recorded.1437 to the account of the artisans of Vatomandry.Various customers purchased the improved stoves: Direct household ,eateries, resseller,project. The beneficiaries of the project use	S

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
						different sales methodologique (direct sale, credit sale to resellers, on order for development projects, etc). This show the achievements of the training and support in the entrepreneurial development of these artisans, who have positive effects.	
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	85%	The infrastructure of the bamboo gasification plant are built in Antseranambe , local authorities and communities are aware of the importance of this initiative and are enthusiastic.The bamboo gasification machine, imported from India is already installed and tested . All others equipment (poles, cable etc) are already available.The recruitment of the operator remains (procedure under the responsibility of the Electrification Development Authority Rural) according to regulation national which will ensure the installation and commissioning of a low voltage network in Antseranambe.	HS
Outcome 3: The local community, local leaders and the private sector are sensitized and contribute to the rural energy strategy for the	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	At least 300 hectares of bamboo plantations exist to support the	100%	The 300 hectares of bamboo plantations to supply the gasification machine are finished.	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
Atsinanana region			chain	renewable energy value chain			

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 the year befor	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	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
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	1.2 Regulatory framework (1. Environment Code of Madagascar, 2. National Agroecology strategy and 3. National strategy for land management) is drafted/amended to strengthen SLB, BD mainstreaming	2024-06-30	100%	100%	Completed and reported the year before	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	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 the year before	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
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	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 the year before	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	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
1 Strengthen national policies and the legal and institutional framework for mainstreaming biodiversity and landscape restoration	1.5 Two sectorial actions plans (agriculture, energy) developed that integrate biodiversity dimensions, sustainable energy and SLM	2024-12-31	100%	100%	Completed and reported the year before	HS
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	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 the year before	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
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	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	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	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
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	HS
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	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	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
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	HS
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	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	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
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	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 the year before	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	HS
2 Ensure scaling up of SLM practices and agroecology in a wider	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	70%	86%	429 ha out of 500 ha of plots have summer restored	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
landscape						
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	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%	100%	Completed and reported the year before	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	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	45%	100%	Networks and knowledge platform between practitioners and extension service where developed to share experience and good practices adopted regarding agroecological practices disseminated within the framework of the project and to support capacity building of	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
					community representatives and extension service	
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	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 16: Carry out an inventory of environmental resources as well as ecosystem services to support the substance of conservation agreements to be drafted.	2022-09-03	100%	100%	Completed	HS
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	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	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
landscape						
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 goals211 and establish a list of local species to be planted.	2021-09-03	100%	100%	Completed	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	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 investments into conformity in order to reflect the state of biodiversity based on no loss	2022-09-03	100%	100%	Completed	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	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
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	HS
2 Ensure scaling up of SLM practices and agroecology in a wider landscape	Activity 26: Progressively introduce in SLM technologies into 4,800 ha of production cultivated land to increase agroecological resilience in line with Integrated Land Management Plans (ILMPs)	2024-09-03	100%	100%	Completed	HS
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	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	HS
2 Ensure	Activity 30: Develop networks and knowledge platforms (regional and	2024-09-03	100%	100%	Completed	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
scaling up of SLM practices and agroecology in a wider landscape	district) between practitioners and extension services in order to disseminate good practices.					
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%	100%	Completed and reported the year before	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	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	60%	100%	The project team focused its final efforts on discussions and advice with stakeholder networks for the implementation of their operational plan, in particular the expansion of the partnerships with local stakeholders. The project's support through the permanent presence on the ground of the project team has provide these networks of actors with motivation to pursue	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
					their common vision in relation to the sector to which they are respectively attached (bamboo, improved stove, carbonization).With the observation of their mobilizations and their dynamism in the framework of the search for partnership to strengthen their activity, we can say that the supply chains of inputs and products promoting sustainable energy technologies are well supported thanks to the establishment of these networks of actor.As results:02 partnerships agreements signed between artisans and clay supplies: 01 in Vatomandry and 01 in Brickaville. This is with the aim of securing the supply chain for production of energy efficient stoves.06 partnership agreements signed between energy efficient stoves sellers and craftsmen during the TOAM'KETRIKA fair in Toamasina , including 1,950 energy efficient stoves ordered by distributor resellers (02 agreements for the Brickaville network and 04 agreements for the Vatomandry actor networks)Four local partnerships mobilization meetings supported as part of the sustainability of two energy efficient stoves workshops: meeting with KMV Vatomandry cooperative	

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
					Brickaville vocational technical high school (LTP) meeting with the CMA representative and also the president of the FIMPAZASA Brickaville association.-01 partnerships agreement between the craftsmen, LIP Brickaville, the Cantonment (CEF) Brickaville and the Urban Municipality Brickaville for the transformation of R&D workshop into a training school site for improved homes in progress.- Support to the preparation of the partnership between bamboo biomass producer networks and a company in Toamasina : preparation and shipment of 2 cubic meters of bamboo delivered to the Jacarandas company.In this process, the 4 planter networks invested cash for this partnership-building approach.The formalization of agreements with identified partners has been completed, including: - Partnership agreements between the small entrepreneur producing the improved fireplace in Vatomandry and his business partners in Mahanoro, in Antanambao Manampotsy and Vatomandry -6 letters of commitment in Malagasy version are made instead of the agreements for the networks of bamboo planters producers and customers due to	

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
					the unavailability of the products for the moment. -An agreement between the young plant producers and the AXIAN group has been concluded. - An agreement awaiting signature between the Antsapanana nursery and the lohasaha company Maitso - An agreement between awaiting signature between SPICES-CRS and the nursery network.-Agreement between the network of energy efficient stoves producers in Brickaville and the cooperative "CTABri" (Cooperative of Agricultural Technicians of Brickaville). This agreement aims at the sustainable management of the R&D workshop in Brickaville in order to jointly promot the adoption of energy efficient stoves and ecological coal.	
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	HS
3 Improving rural energy generation systems and wood services	3.3 Training on alternative fuel and improved stove is provided for local communities and private individuals	2024-12-31	88%	100%	Energy-efficient stoves production results among artisans demonstrate the positive impacts of technical training and support provided to local improved cookstoves artisans. The production rate	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
to reduce deforestation					is 200 improved cookstoves/month/artisan; 6/50 adopt the improved cookstoves manufacturing technique (the indicators to allow us to measure "trained artisans who have adopted the techniques" are: mastery of all the techniques for making energy-efficient energy; application of these techniques in their production, production of improved cookstove for marketing, they have become small improved cookstove manufacturing entrepreneurs) , women are investing more and more in improved cookstove production (5 women identified, 4 of whom adopt the techniques taught). Local charcoal makers trained during the project adopted the improved technique while sharing knowledge with other interested charcoal makers in the community: 42 charcoal makers out of 50 trained adopted the improved carbonization technique, i.e 84% of those trained; 12 other charcoal makers were trained in cascade. The impacts of this practice of improved carbonization technique contribute considerably to reducing the exploitation of forest resources for carbonization. The application of the technique with	

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
					bamboos are in the perspective of these actors with bamboo planters.	
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	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	65%	80%	The artisans continue to rely on the five improved cookstoves models. Improved cookstoves tools are developed based on the results of the demonstrations. More than 30 posters were displayed and over 250 leaflets distributed during the marketing launch, demonstrating the benefits and performance of the improved cookstove developed through the R&D process. After the marketing monitoring carried out this month of June 2025, a sale of 2206 improved cookstoves, or 73,5% of the project objective, was recorded. 1437 to the account of the artisans of Brickaville and 769 to the artisans of Vatomandry. Various customers purchased the improved cookstoves: direct household, eateries, reseller, project. The beneficiaries of the project use different sales methodologies (direct	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
					sales, credit sales to resellers, on order for development project, etc...). Marketing efforts are continued by the artisans through their distribution partnerships and communications via local distribution channels. The infrastructure of the bamboo gasification plant are built in Antseranambe; local authorities and communities are aware of the importance of this initiative and are enthusiastic. The bamboo gasification machine, imported from India is already installed and tested. All other equipment (poles, cables, etc...) are already available. The study of commitment environment program is carried out and the signing of the environmental specifications as well as the environmental authorization by the Ministry of Energy are in course. The recruitment of the operator remains (procedure under the responsibility of the Rural Electrification Development Authority, accordingly to national regulation). This procedure is more and less long and complex, which delays the complete achievement of this result.	
3 Improving rural energy generation	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	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
systems and wood services to reduce deforestation						
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 the year before	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	55%	90%	Efforts to connect networks of stakeholders (planters, producers of improved cookstoves, nurserymen, charcoal burners) are part of the transaction cost management carried out by the project. Through activities to support the launch of the marketing of improved cookstove, the project also mobilizes support to reduce transaction costs for these small/very small businesses. This activity has strengthened the connection between stakeholder networks and local partners, as well as the launch of the marketing of improved cookstoves. The project beneficiaries , considered as small entrepreneurs, have benefited from the facilitation and support provided by the project team. 50 local artisans trained	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
					in improved cookstove manufacturing, 50 local improved cookstoves manufacturing artisans trained in SME management. Currently, at least 6 small local businesses are emerging in improved cookstove production. These small local businesses are at the self-efficiency stage following the assessment of their skills in SME management, marketing and maturity. Support, assistance (in raw materials) and advice to beneficiary actors linked to the optimization of their business/entrepreneurial culture: increase in production, development of partnership and increase in the number of partners through the establishment of a climate favorable to self-investment, application of management tools opening of bank account/microfinance institution. Currently, the operation of the Antseranambe power plant constitutes the project carrying this aspect of Public-Private Partnership within the framework of the project. The conditions for operating a power plant within the framework of rural electrification stipulated by the law in force offer these favorable conditions which should secure the investment of the future operator. The full achievement of this	

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
					result depends on the effectiveness of the institutional steps taken until obtaining the operating authorization contract from the Ministry of Energy and the success of the call for applications process for the selection of operators carried out shortly by ADER/MEH	
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	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	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	HS
3 Improving	Activity 35: Support the establishment of input supply chains	2024-09-03	100%	100%	Completed	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
rural energy generation systems and wood services to reduce deforestation	promoting SLM technologies that have been introduced and the drive towards multi-functional agriculture, including that in support of renewable energy technologies					
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	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	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	HS
3 Improving rural energy	Activity 40: Deliver trainings on renewable fuels as an alternative to traditional wood fuels, and the energy efficiency management, and	2022-09-03	100%	100%	Completed	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	evaluate training outcomesrole of improved stoves in SLM and BD					
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	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	HS
3 Improving rural energy generation systems and wood services to reduce deforestation	Activity 44: Undertake an environmental impact assessment of the effects of installation and operation of the power plant (gasification generator) in the community.	2021-09-03	100%	100%	Completed	HS
3 Improving rural energy generation	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	2021-09-03	100%	100%	Completed	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
systems and wood services to reduce deforestation	model; and on modalities for operating the unit - private company or manage by the municipality directly.					
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	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	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%	80%	In progress	HS
3 Improving rural energy generation systems and	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%	100%	Completed	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
wood services to reduce deforestation						
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	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	HS
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	HS
3 Improving rural energy generation systems and wood services	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	80%	90%	In progress	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
to reduce deforestation						
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	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	HS
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	80%	90%	In progress	HS
3 Improving rural energy generation systems and wood services to reduce	Activity 58: Liaise with potential user networks to leveraging peer effects and improve potential for adoption	2024-09-03	100%	100%	Completed	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
deforestation						
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	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	=	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	=	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	=	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	=	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	=	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	=	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	=	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	=	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	=	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	=	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	=	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	=	

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

As part of component 3 of the project, it is planned to supply electricity to the village of Antseranambe through bamboo gasification. The remaining task is to recruit an operator for this power plant. According to national regulations, the operator recruitment procedure falls under the responsibility of Madagascar Rural Electrification Development Authority (ADER) under the supervision of the Ministry in charge of Energy. This procedure is somewhat long and complex and time-consuming, which delays the full purpose of this activity. For this reason, the duration of the technical implementation of the project is extended until december 31, 2025 and the PCA will therefore be in effect until june 30, 2026.

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 1	Extension	2025-06-18	2025-06-25	2026-06-30	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
Sahanintsina: Marovola-Ampangadianarina	19.19972	048.66278		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Sahanintsina: Marovola-Ampangadianarina	19.20210	048.66170		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Sahanintsina: Marovola-Ampangadianarina	19.20424	048.66885		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Sahanintsina: Marovola-Ampangadianarina	19.20400	048.67509		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Sahanintsina: Marovola-Ampangadianarina	19.19964	048.67617		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Sahanintsina: Marovola-Ampangadianarina	19.19989	048.66942		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Marovany	19.22848	048.65589		Commune rurale Ambalabe.	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				District Vatomandry.	
Marovany	19.22675	048.65714		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Marovany	19.22940	048.66119		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Marovany	19.22635	048.77035		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Marovany	19.22476	048.55854		Commune rurale Ambalabe. District Vatomandry.	Forest restoration site
Andasisivy	18.26316	048.95861		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Andasisivy	18.26304	048.95807		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Andasisivy	18.26347	048.95827		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Andasisivy	18.26347	048.95794		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Andasisivy	18.26293	048.95734		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Andasisivy	18.26331	048.95723		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27125	048.96031		Commune rurale Anjahamana. District Brickaville	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Sahateza	18.27123	048.96107		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27230	048.96103		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27199	048.96069		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27164	048.95975		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27149	048.95930		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27161	048.95870		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27147	048.95826		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27079	048.95787		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27057	048.95809		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27270	048.96021		Commune rurale Anjahamana. District Brickaville	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Sahateza	18.27218	048.96037		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27199	048.96069		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27231	048.96095		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Sahateza	18.27275	048.96025		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohipeno	18.24911	048.95571		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohipeno	18.24928	048.95670		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohipeno	18.24944	048.95697		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohipeno	18.24983	048.95672		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohipeno	18.25045	048.95651		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohipeno	18.25020	048.95560		Commune rurale Anjahamana. District Brickaville	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambohipeno	18.24956	048.95567		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohimarina	18.25488	048.96015		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohimarina	18.25497	048.96063		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohimarina	18.25485	048.96085		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohimarina	18.25453	048.96111		Commune rurale Anjahamana. District Brickaville	Forest restoration site
Ambohimarina	18.25438	048.96053		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 sent by email to the Task Manager

[Annex any linked geospatial file]