

GEF - PROJECT IMPLEMENTATION REPORT (PIR)

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UNEP GEF PIR Fiscal Year 2024
Reporting from 1 July 2023 to 30 June 2024

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:	46
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:	2020-09-20
Start of Implementation (PCA entering into force):	2020-08-28
Date of Inception Workshop, if available:	2021-07-01
Date of First Disbursement:	2020-09-07
Total disbursement as of 30 June 2024:	\$ 3,335,585.00
Total expenditure as of 30 June:	\$ 3,335,183.00

Midterm undertaken?:	Yes
Actual Mid-Term Date, if taken:	
Expected Mid-Term Date, if not taken:	2024-09-02
Completion Date Planned - Original PCA:	2020-09-03
Completion Date Revised - Current PCA:	2025-07-31
Expected Terminal Evaluation Date:	2025-06-09
Expected Financial Closure Date:	2025-12-31

1.2 Project Description

Madagascar is home to some of the most important reserves of biological diversity in the world. The forests of Madagascar have an extremely high rate of biological endemism. More than 90% of the country's endemic animal species live exclusively in the forest. Madagascar's rainforests are among the highest priority areas in the world for biodiversity conservation. However, it is estimated that Madagascar's forest cover has been reduced by 85% over the past 50 years, 80% of which can be attributed to slash-and-burn farming techniques, particularly practiced in remote forest areas. Given that the livelihoods of 70% of the population are based on agriculture and that most of the rural poor are self-employed and dependent on subsistence farming, additional efforts must be made to counter the predicted effects of land use and land-use change on Madagascar's biological diversity, and to improve livelihoods supported by ecosystem services. This project aims to contribute to the achievement of sustainable management of natural resources by optimizing sustainable land use management, biodiversity conservation and local communities's access to household renewable energy security and electricity. climate change mitigation in the Atsinanana region. To achieve these objectives, this project will undertake three synergistic sets of activities which are represented as components of the project.

Component 1: Improvement of the regulatory framework. This component will strengthen the governance of resource use at the landscape level by developing and amending the regulatory framework for the sustainable management of land and forests and biodiversity. This will create and improve an enabling framework for the restoration, conservation and environmental resource management in Atsinanana.

Component 2: Scaling up sustainable land management practices. The project will work with local communities to strengthen conservation actions by supporting the drafting and signing of conservation agreements. Through this process, and with the support of this project: the conservation of at least 3500 ha of globally significant biodiversity habitats, the restoration of at least 500 ha of degraded land adjacent to or within forests conservation value identified, and improved management through the implementation of SLM in at least 4,800 ha of production landscapes. Over a 20-year period, potential avoided GHG emissions of 1,013,805 tonnes of CO₂e resulting from changes in land use.

Component 3: Improvement of rural energy production systems. Aware of the important role played by energy demand in forest dynamics in Madagascar, this project will develop and implement a renewable energy development program for the Atsinanana region. This program will include the installation of a bamboo gasification plant to produce renewable and affordable energy for local people, and the introduction of improved and energy-efficient stoves in the project area. To ensure the sustainability of this program, there will be dedicated activities to train local populations in renewable energy technologies, as well as potential for investment in renewable energy value chains. Through public-private partnerships and the development of financing mechanisms for small and medium-sized industries interested in investing in the renewable energy value chain, the sustainability of these projects and systems will be enhanced. Over a period of 20 years, potential avoided GHG emissions of 624,000 tonnes of CO₂e will be achieved through the production of electricity by bamboo gasification and the use of improved stoves.

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

1.3 Project Contacts

Division(s) Implementing the project	Ecosystems Division
Name of co-implementing Agency	
Executing Agency (ies)	Ministry of Environment and Sustainable Development
names of Other Project Partners	ANAE and AIDES
UNEP Portfolio Manager(s)	Johan Robinson
UNEP Task Manager(s)	Daniel Pouakouyou
UNEP Budget/Finance Officer	George Saddimbah
UNEP Support Assistants	Charles Imbenzi
Manager/Representative	RAKOTO Claude
Project Manager	RALALAHARISOA Christine Edmee
Finance Manager	RAHOLIARIVONY Julia
Communications Lead, if relevant	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):	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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

Indicators	Targets - Expected Value			Materialized to date
	Mid-term	End-of-project	Total Target	
3.2- Area of forest and forest land under restoration	200 Ha	500 Ha	500 Ha	301Ha
4.1- Area of landscapes under improved management to benefit biodiversity	3000 Ha	4800 Ha	4800 Ha	5050 Ha
6- Greenhouse gas emissions mitigated	506,902.5 tCo2-eq	1,013,805 tCo2-eq	1,013,805 tCo2-eq	389,805 tCO2-eq
11- People benefitting from GEF-financed investments	7500	15000	15000	11400

Indicators	Targets - Expected Value			Materialized to date
	Mid-term	End-of-project	Total Target	
11.1- Male	4000	8000	8000	6840
11.2- Female	3500	7000	7000	4560

Implementation Status 2023: 4th PIR

2.3. Implementation Status and Risks

	PIR#	Rating towards outcomes (section 3.1)	Rating towards outputs (section 3.2)	Risk rating (section 4.2)
FY 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				

Summary of status

The project has made significant progress since its inception which can be graded as satisfactory at this stage as the result of a relatively strong start. Despite the challenges faced and which created delays, especially during the pandemic, the strategic partnerships established with local executing partners led to significant progress. In particular, the target of 4,800 ha agreed under the core indicator related to the areas of landscape under improved management to benefit biodiversity was exceeded by some 250 ha to 5050 ha at the end of the reporting period. The restoration activities experienced some challenges with the local executing partners until recently and some 199 ha out of the initial 500 ha target remained unrestored at the beginning of 2024. However, with the resolution of the impasses between the project management team and the local partner, the restoration activities resumed at full speed and significant progress is being made.

2.4 Co Finance

Planned Co-finance:	\$ 29,900,000
Actual to date:	29,500,000
Progress	<p>Justify progress in terms of materialization of expected co-finance. State any relevant challenges:</p> <p>Commitments in terms of co-financing recorded to date total 29 500 000,00 USD (PIR 1: 7,201,648 USD, and PIR 2: 9,788,052 USD, PIR 3: 6 174 000,00 USD, PIR 4: 6 336 300 USD). This amount corresponds to the headings local, vehicle and various facilitations for the MEDD and MEH through ADER, and under the heading services, premises, vehicle, equipment, for the project partners.</p>

2.5. Stakeholder

Date of project steering committee meeting	2023-12-12
Stakeholder engagement (will be uploaded to GEF Portal)	<p>The project continues to implement the developed and validated stakeholder engagement plan. The commitment of stakeholders at all levels was achieved through their integration into decision-making and operational processes. Indeed, the commitment of stakeholders at all levels remains very important in the implementation of the project. The collaboration and involvement of local authorities in raising awareness and mobilizing the local community also facilitates the implementation of project activities and the operationalization of local structures put in place, among others local trainers, supervisors, nurserymen. and the chief planters. For ecological restoration, the effective participation of the DREDD through the two cantonment chiefs and the protected area managers (MBG and MNP) in training, implementation of activities, monitoring of achievements as well as awareness raising is noted and all adults with a national identity card were mobilized to carry out activities on the ground. Every site decision is made with local authorities. This is the case for example, for the Rural Commune of Ambalabe, the Marovoay site previously chosen by the community was a religious site according to traditional authorities, notably the Tangalamena and the Vavanjaka. But after consultation between the local authorities and these traditional authorities, the Marovany site is once again part of the restoration sites of the Rural Commune of Ambalabe.</p> <p>The approach adopted by the project is that the municipal authorities and the Fokontany chiefs concerned are first made aware and</p>

	<p>have a good understanding of the rural electrification process in Madagascar. An awareness and information session on this subject was carried out in Anivorano with a view to strengthening their understanding of the rural electrification approach in Madagascar, their roles and responsibilities, the roles and responsibilities of each actor (the PIA project, the operator or operator who will manage the plant).</p> <p>This period was notably marked by the revitalization of the Commune of Anivorano-Est to deliberate at the level of the municipal council, the act of donation of the land concerned by the establishment of the bamboo gasification power plant, the development of the partnership agreement between Commune Anivorano-Est and Project PIA. The deliberate act of donation is received by the project, the partnership agreement is signed.</p>
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2.6. Gender

Does the project have a gender action plan?	Yes
Gender mainstreaming (will be uploaded to GEF Portal):	<p>The implementation of the gender mainstreaming strategy continues as part of the project implementation. Activities target both women and men and implementation approaches have been adapted to facilitate women's participation. Therefore, the participation of women is always encouraged in order to make everyone aware of the importance of their participation. In the implementation of ecological restoration activities, ten women were empowered including 2 women nurserymen and 8 women head planters and for the introduction of agroecological practices, twelve women were chosen as local trainers. This empowerment allows them to strengthen their knowledge and leadership. 1,313 women for the two project intervention communes, or 36% of adopting beneficiaries, were supported and trained in improving their production activities through the promotion of agroecological practices and 171 women out of 594 workers, or 28.8%, participated in the implementation of planting activities for ecological restoration.</p> <p>Efforts to raise awareness and encourage women to integrate the different value chains into the sustainable energy sector have been deployed. Women are currently listed as bamboo nursery producer, bamboo planters for raw material of power generation unit and artisans in the energy-efficient stoves. This context allowed the finalization of the ToR for the support of women entrepreneurs.</p>

2.7. ESSM

Moderate/High risk projects (in terms of Environmental and social safeguards)	<p>Was the project classified as moderate/high risk CEO Endorsement/Approval Stage? Yes</p> <p>If yes, what specific safeguard risks were identified in the SRIF/ESERN? 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? (i) The broad stakeholder consultative group that will be created to manage the implementation of action plans and municipal plans will have representatives of local land owners and users, and serve to ensure that issues of property land rights are properly addressed. (ii) The project will introduce conflict resolution measures as part of the community consultation mechanisms to be established for participatory management of natural and social assets. Representatives of local communities in the broad stakeholder consultative group will serve in parallel as advisers on local land matters and guide the project towards avoiding land use and land tenure conflicts as a result of project implementation. (iii) This project will support the establishment and operationalization of appropriate local level participatory platforms for project execution, specifically considering gender dimensions. As a principle for community interaction a “farmers schools” approach to demonstrations will be applied, actively involving and putting into</p>
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	<p>the drivers' seat local communities and making them work together with regional extension personnel from various sectoral ministries.</p> <p>(iv) The project will work to build capacity at the local level, including via the process of developing local adaptation plans. Project initiatives will be implemented through close collaboration with local authorities and technical partners such as local civil society organizations. These technical partners will be key vehicles to test and validate pilot adaptation options as well as to disseminate best practices widely. Considerable effort must be invested into the proper design on knowledge products to ensure that they will, in fact, be useful and be applied. The project social sustainability approach will also help to overcome this challenge; (v) Support legislation to ensure adequate feed-in tariffs or similar price incentive. Technical assistance to enable optimal financial intermediation through appropriate financial support instruments.</p>
New social and/or environmental risks	<p>Have any new social and/or environmental risks been identified during the reporting period?</p> <p>No</p> <p>If yes, describe the new risks or changes?</p>
Complaints and grievances related to social and/or environmental impacts	<p>Has the project received complaints related to social and/or environmental impacts (actual or potential) during the reporting period?</p> <p>No</p> <p>If yes, please describe the complaint(s) or grievance(s) in detail, including the status, significance, who was involved and what actions were taken?</p>
Environmental and social safeguards management	<p>Support for existing land security initiatives is an ongoing activity throughout project implementation. The complaints management mechanism provided for in the engagement plan and validated by the stakeholders must make it possible to manage possible land disputes. The plants produced at the nurseries for restoration activities are indigenous plants produced from seeds and wildlings collected in the surrounding forests. The inclusive targeting of beneficiaries implemented as part of the implementation of the project was appreciated by all stakeholders, helps avoid social conflicts and facilitates mass awareness. The activities chosen by the beneficiaries contribute to the restoration of ecosystem services. The promotion of local skills makes it possible to strengthen relationships of trust with communities and transparency in the selection of local trainers, nurserymen and supervisors facilitates local mobilization; moreover, the list is targeted by local authorities. As part of the environmental assessment of the effects of the installation and operation of the power plant (gasification generator) in the community, the project is notified by the National Office for the Environment (Entity responsible for the implementation of the Decree relating to the Compatibility of Investments with the Environment) and must carry out an Environmental Engagement Program (PREE) study instead of the Environmental Impact Study (EIS). The administrative process of recruitment and launch of the study for the PREE has begun. The PREE constitution study is underway</p>

2.8. KM/Learning

<p>Knowledge activities and products</p>	<p>The database on land linked to the 300ha of plantation is capitalized. Shapefiles on these areas established and available. The project team communicates this information to the local authorities concerned in order to ensure consideration of the importance of these planting areas and to benefit any land security initiative in the area.</p> <p>A manual for training at the local community level as well as for the operation of improved cookstoves has been developed, to support community trainers in local areas.</p> <p>01 database on the efficiency of improved stoves produced at each manufacturing center including 01 in Brickaville and 01 in Vatomandry is established after the demonstration periods</p>
<p>Main learning during the period</p>	<p>The implementation of the national strategy and project communications plan continues. Various awareness, information, education and communication tools relating to the sustainable concepts supported by the project were produced and disseminated. The project contributes to various environmental events to raise awareness of the project, its activities and its objectives.</p> <p>Concerning the restoration in particular, organizational meetings were organized with the restoration team (supervisors and nurserymen) as well as the local authorities (mayors and fokontany chief) in order to successfully complete the planting activities and to involve them as much as possible in the implementation of the project. These meetings allowed them to strengthen their knowledge and skills and share new experiences in terms of ecological restoration. Given that the implementation of planting activities in Ambadikala (sites located in the Mangerivola Special Reserve) has been delayed, the repotting of young plants produced in the nurseries is necessary. Thus, a training session on repotting was carried out in Ambadikala with the supervisors and nurserymen concerned.</p> <p>Capitalizing on the results of identifying potential events allowed the team to select more promising events for the project targets. Also, 01 exchange visit was carried out between the planters and nurserymen of Anivorano-Est in order to strengthen and facilitate this communication between interactors in the project area.</p> <p>50 local artisans benefited from technical training on making energy-efficient stoves. Training sessions on entrepreneurship were provided to these beneficiaries to strengthen their vision of entrepreneurship in this sustainable energy sector.</p>

2.9. Stories

Stories to be shared	<p>The local authorities led by Mr. Mayor of Anivorano-Est are very dynamic and really take ownership of the project. During the municipal council, she supported the deliberation of the act of donation of the land concerned by the establishment of the bamboo gasification plant and this voluntary act of donation is received by the project. The same applies to the development of the partnership agreement between Commune Anivorano-Est and Projet PIA and this partnership agreement is signed.</p> <p>Ms Mayor of Anivorano-Est herself led the official ceremony of laying the foundation stone for the construction of the buildings of the bamboo gasification power plant in Fokontany Antseranambe. Many local communities came to attend this regional ceremony. In their respective speeches, the Mayor and the Fokontany Chief emphasized the importance of this project both on a social level, on an economic level but especially on an ecological level. Ms. Mayor cited some activities that some members of the local community told her of their plan to undertake certain activities once the electricity is in place, in order to improve their living environment. The most notable thing is the intention of some young people from the village to set up a welding station, so that in the event of a vehicle breakdown, the population will no longer have to go to Brickaville (approximately 23 km from Antseranambe) but the troubleshooting would be done on site.</p> <p>Concerning the activity of introducing SLM practices, the adoption of SLM techniques by farmers is gradually improving. Regarding the adoption of techniques during the implementation of off-season cultivation, it was noted that most of the farmers concerned adopted the proposed undercover cultivation technique. It was anticipated that around 1,900 farmers would be supported this season, but during the seed distribution, this number increased to over 2,500. Of these farmers, around 85% adopted the technique and obtained satisfactory results. On a plot of 2 acres, using the cultivation technique under dead cover, bean production reached 15 to 30kg. Compared to those who have not adopted the technique, for fear that this would lead to the appearance of different harmful insects, the production is only 3 to 5Kg for the same area. This off-season bean crop gave an average yield of 0.57T/Ha.</p>
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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.	100% - 70%	The agroecological practices introduced in the intervention areas make it possible to improve soil quality, ensure permanent soil cover, reduce water erosion and practice crop rotation or association. These techniques cover an area of approximately 5,050 ha and the 3,650 farmers from the 13 fokontany of the two intervention communes, owners of the plots, were trained on the different techniques introduced and benefited from the improved seeds distributed.- The 300ha of bamboo plantations to supply the gasification machine have been completed; The infrastructure for the bambou gasification power plant is built in Antseranambe; local authorities and communities are aware of the importance of this initiative and are enthusiastic. The shipment to Madagascar of the gasification machine imported from India is underway.	HS
Outcome Result 1.1: Enabling policy and The institutional	Area forests and agricultural land in the	0 Ha	At least 125,000 hectares of	At least 239,000 hectares of forest	100%	The adoption by regional decree of the policy of integration of sustainable	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
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	Atsinanana District that will benefit from improved management as a result of improved enabling policy and institutional environment		forest land and 70,000 hectares of agricultural land	and agricultural land with 4 Communes have management plans to guide restoration and conservation efforts		land management, biodiversity and sustainable energies gives a binding nature to this policy which has been popularized among all the Districts making 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 sustainable energy lead to improved management of agricultural land and forests. Making the plans available to municipalities development plans integrating sustainable land management and biodiversity provides municipal authorities with concrete guidance on the management of agricultural land and forests. The development of the national strategy for the promotion of agroecology which was transmitted to the Ministry of Agriculture provides clear guidelines on agroecology based on ecosystems	
	Integrated natural resource management into food production practices (including gender-disaggregated data on	None	Gender disaggregated data on attendance indicating 50%	At least, 12 operational multi-stakeholder platforms (convening and	20 multi-actor platforms are set up and operational	Activities target both women and men and implementation approaches have been adapted to facilitate women's participation. The women are very motivated and fully benefit from support	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
	participation)		representatives of men and women	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)		and training to enable them to improve their production activities through the promotion of agroecological practices. In the implementation of ecological restoration activities, women were empowered in nursery production, planting, and as local trainers. This empowerment allows them to strengthen their knowledge and leadership. The multi-actor platforms set up and operational are: the multi-actor and intersectoral coordination committee responsible for coordinating the implementation of the regional decree implementing the integration of sustainable land management, biodiversity and sustainable energies in the Atsinanana region; the network of nursery growers, 04 network of bamboo planters; 02 networks of coal miners, 02 networks of artisans; 02 platforms for practitioners and extension workers (1 in Brickaville and 1 in Vatomandry); 02 committees for drafting and monitoring conservation agreements (1 in Brickaville and 1 in Vatomandry); the technical group to develop and test SLM technologies adapted to the Atsinanana region and in line with the vision of	

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
						agroecology requirements in partnership with relevant stakeholders; 04 women's associations in Ambalabe (Tanjona, Miaramirindra, Talavigna, Avotra); 01 women's association in Anjahamana.	
	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	3 regulatory frameworks support SLM and BD integration in the Atsinanana region	The Political Directive document on the integration of SLM, BD and sustainable energy was sent to the responsible Directorate within the MEDD. The National Strategy Document for the promotion of Agroecology was officially transmitted to the Ministry responsible for Agriculture with a copy to the head of the Environmental Unit within the said Ministry. The Two books relating to Sustainable Land Management and the promotion of sustainable energies to complete and improve the existing draft Environmental Code were developed and sent to the General Directorate of Sustainable Development and the Directorate of Legal Affairs and Litigation with the Ministry of the Environment and Sustainable Development. A regional decree was signed by the Governor of the Atsinanana Region, in order to bring into force the roadmap guiding the integration of sustainable land management, biodiversity 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
						sustainable energy in the development activities carried out in the Atsinanana region	
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 were signed with local stakeholders including local authorities, communities, representatives of the MEDD and representatives of the managers of the biodiversity hotspot PAs targeted as part of the project (Madagascar National Parks (MNP) and Missouri Botanical Garden (MBG). These conservation agreements stipulate the environmental commitments aimed at managing the 3,500 Ha of biodiversity area of global importance but also the forests managed within the framework of TGRN. These environmental commitments boil down to promoting the integrity of the forest. these areas through the reduction of anthropogenic pressures, notably shifting cultivation, the irrational exploitation of woody forest products and the reduction in hunting activities for endangered species. In return, the local population but not only the grassroots communities will benefit from alternative activities. to compensate for the reduction in their access to	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
						resources. The effective implementation of the environmental commitments stipulated in these agreements has been the subject of the establishment of a participatory monitoring system in order to better assess this effectiveness.	
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% - Women are involved in 3 major activities in the renewable energy value chain	Two test villages were set up in the 2 project intervention communes and the 150 farmers, 32.5% of whom were women, continued to adopt the agroecological practices introduced, notably agroforestry, underground water management. through the implementation of development techniques, the establishment of plant covers, the use of improved seeds, integrated fertility management, minimal tillage, rotation and crop association. This adoption is done gradually for each farmer - These are bamboo nursery production, bamboo plantation for sustainable energy production and artisans in the energy-efficient stoves	HS
	Area (in Ha) adjacent to or within restored high conservation value identified forests	0 Ha	200 Ha	500 Ha	70%	301ha of degraded areas were restored in the 2 project intervention municipalities	S
	Area (in Ha) of land and agro-ecosystems under	Integrated land management is	At least 3000 ha with improved	At least 4800 ha with improved soil	105%	The introduction of agroecological practices in intervention areas makes it	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
	Integrated Land Management [includes sex-disaggregated data on land ownership / commitment to diversification / MHH and FHH requiring food aid	not a feature of land use in Atsinanana, and the extent of land area and agroecosystems under Integrated Land	soil and water management that also improves biodiversity [of which women-owned and managed land constitutes at least 50%	and water management that also improves biodiversity [of which land owned and managed by women constitutes at least 50%]		possible to improve soil quality, ensure permanent soil cover, reduce water erosion and practice crop rotation or association. These techniques were introduced to cover an area of approximately 5,050 ha. 3,650 farmers who own the plots were trained on the different techniques introduced and benefited from the improved seeds of ground peas, peanuts, corn and rice distributed, including 2,337 men and 1,313 women, or 36%, at level of the 13 fokontany of the two municipalities of intervention	
	Number of smallholder farmers (of which at least 50% should be women) benefiting from the implementation of agroecological measures	None	At least 3,000 farmers incorporating SLM into their land use practices	Agroecological measures practiced by at least 7,000 farmers Districts of Atsinanana	Agroecological measures practiced by 3736 farmers, owners of 5050 ha in the Districts of Atsinanana	3736 farmers (3650 farmers + 86 farmers' associations) have already been trained on agroforestry and other SLM practices and have started implementing this technique	HS
	% improvement in local farmers' incomes thanks to the implementation of agroecological measures	0%	5%	20%	An improvement in production of at least 100% has been noted	The introduction of agroecological techniques was started at the level of the 2 test villages for the 2023 off-season crop and for the 2023/2024 season crop it was extended to the 13 fokontany concerned. With the adoption of agroecological practices including	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
						row cultivation techniques under living plant covers with the installation of anti-erosion devices, an improvement in yield has been noted. In particular for peanuts the yield increases from 0.6 to 0.9t/Ha, for ground peas from 0.6 to 1.1t/Ha, for irrigated rice cultivation from 1.4 to 3t/Ha and for rainfed rice from 0.6 to 1.8t/Ha. An improvement in production of at least 100% has been noted.	
	Number of gender-responsive systems/initiatives in place to monitor ecosystem services, as well as SLM uptake, use and challenges disaggregated by gender	No gender sensitive system/initiative in place to monitor ecosystem services and SLM in the project	A framework and action plan developed for a gender responsive system/initiative to monitor ecosystem services and SLM in the project	At least two gender-responsive systems/initiatives in place to monitor multi-scale ecosystem resilience, food security and GEBS established at national and landscape levels	Two initiatives implemented	These are associated off-season crops carried out by women and clove agroforestry allowing the development of land, especially small areas belonging to women.	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	There are at least three networks supporting different renewable energy sectors	These are the network of nursery growers, the network of bamboo planters and the network of artisans in the energy-efficient stoves.	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
	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	There are at least three networks supporting different renewable energy sectors	These are the network of nursery growers, the network of bamboo planters and the network of artisans in the energy-efficient stoves.	HS
	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	60%	The support format in terms of financing mechanism is defined for the artisan producers of energy-efficient stoves: financial support was granted to the artisans selected for this, to strengthen the start of the 3000 energy-efficient stoves, objectives of the project.	S
	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	70%	The infrastructure for the bambou gasification power plant is built in Antseranambe are constructed; local authorities and communities are aware of the importance of this initiative and are enthusiastic. The shipment to Madagascar of the gasification machine imported from India is underway.	S
	Hectares planted with	There are no	150 hectares of	At least 300	100%	The 300ha of bamboo plantations to	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 since the start of the project	bamboo plantations to support gasification	bamboo grove supporting the renewable energy value chain	hectares of bamboo plantations exist to support the renewable energy value chain		supply the gasification machine have been completed	

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	85%	100%	The multi-stakeholder coordination mechanism is in place; The roadmap integrating SLM, DB and sustainable energy developed and adopted at the regional level through a regional decree; Good practices in land security were identified during the stakeholder consultation workshop and supported throughout the project; The study on the financial viability mechanisms of the main project activities beyond the lifespan of the project is carried out and the results are made available to the national project implementing partners for implementation within the framework of their respective component.	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
	1.2 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	70%	100%	The Policy Directive document on the integration of SLM, DB and sustainable energy was sent to the responsible Directorate within the MEDD. The National Strategy Document for the promotion of Agroecology was officially transmitted to the Ministry in charge of Agriculture with a copy to the Head of the Environment Unit within the said Ministry. With regard to the environmental code, the study which consists of the drafting of two works with a view to improving the current draft environmental code by strengthening the integration of sustainable land management and the promotion sustainable energies has been produced and the two books in question have been sent to the relevant departments within the MESD.	HS
	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	90%	100%	Two media partnership agreements are drawn up and signed by the parties concerned. Environmental training for journalists carried out. Environmental training on environmental issues for local stakeholders carried out. Data to support the GDT and BD options for Atsinanana are collected and a database is created at the regional level to contain the collected data and training	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
					on handling and populating the database has been provided to directorate staff regional offices of environment, agriculture and energy in Atsinanana.	
	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	60%	100%	The 07 Districts of the Atsinanana region benefited from training and information sharing on the integration of SLM, BD and the promotion of DE in landscape management. - Local authorities and decentralized services have received training on the fight against bush fires and on the integration of the environmental dimension into municipal planning. Information and training tools on sustainable landscape management have been made available to members of the environmental unit platform. Training and awareness tools on sustainable concepts supported by the project are developed and disseminated	HS
	1.5 Two sectorial actions plans (agriculture, energy) developed that integrate biodiversity dimensions, sustainable energy and SLM	2024-12-31	100%	100%	The two sectoral action plans (agriculture, energy) integrating the dimensions of biodiversity, sustainable energy and SLM are available. It remains to support the realization of some actions for the implementation of the said sectoral plans	S
	1.6 Municipal development plans developed for 4 municipalities in Atsinanana region integrating BD, sustainable energy, SLM and	2022-12-31	100%	100%	The PCD of the urban commune of Vatomandry prepared, PCDs of the rural	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
	lessons learned to upscale to other municipalities				communes of Anjahamana and Ambalabe updated, participation of the project in the workshop to finalize the PCD of the rural commune of Anivorano-Est to strengthen the integration of SLM, BD and the promotion of ED in this local planning document.	
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	90%	100%	The study on the inventory of environmental resources has been carried out, the document is already available. The 2 agreements for the two municipalities in which the project operates are drawn up and signed. In order to better monitor and evaluate the implementation of the environmental commitments stipulated in these agreements, a study relating to the establishment of a participatory monitoring system relating to these commitments was carried out and the document is available	HS
	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.	2024-12-31	55%	70%	The plots to be restored have already been identified, distributed across 15 sites. Local consultations have already been carried out. The restoration plans are validated by stakeholders and activities began in December 2022 with the establishment of nurseries. In this context, 16 nurseries were set up near the restoration sites managed by 16	S

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
					nurseries. The environmental impact study on the introduction of bamboo into restoration sites has been carried out and the document is available. To implement restoration activities, 32 head planters were identified and trained on planting techniques for young plants, supervised by 6 supervisors. Planting activities began around July 2023 and have continued until now. 301Ha out of 500 Ha of plots have been restored.	
	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	45%	105%	3,650 landowners benefited from training on agroecological practices including agroforestry, groundwater management through the implementation of development techniques, plant cover, the use of improved seeds, management integrated fertility, rotation and crop association. Support was subsequently provided so that farmers could introduce these practices on 5,050 hectares of land, representing an achievement of 105% compared to the planned objective. This training was carried out through the project technician and the 65 local trainers installed (63 at the level of the thirteen fokontany and 2 at the level of the two test villages).	HS
	2.4 Local communities are capacitated on decision making about	2024-12-31	32%	45%	Networks of practitioners and extension	MS

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
	ecosystem services management				workers and their training needs have already been identified. They have already benefited from training and retraining will be given to them.	
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 report finalized in 2021	HS
	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	42%	60%	100% of target beneficiaries join the networks of actors in the input supply chain: 04 networks of planters (Anivorano, Antsampanana, Vohitranivona, Nierenana), 02 networks of charcoal makers, 02 networks of improved stove artisans and 03 networks nurseries are currently installing. Meetings to mobilize these networks of actors were organized in the two Districts which focused on the operationality of the networks and the importance of rallying each actor in the sustainable energy value chain. Several potential partnerships have been identified in different areas at local and regional level: rural development and rural agricultural training, research, processing of fruits by drying over a wood fire, community savings and credit, production of essential oils, product collection premises and essential oils production, Environmental education and agroforestry, Banking/microfinance,	S

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
					<p>Development of entrepreneurial culture, marketing support, Environmental education. Two potential partners have affirmed their desire to define, with the project, joint actions. The main challenge is to support the networks of actors in place for the implementation of their respective systems demonstrating their autonomy (multi-year planning among others) in order to be able to build partnerships to perpetuate their actions. 01 organizational diagnosis carried out at the level of the network of energy-efficient stoves artisans in Brickaville and Vatomandry. Coaching and supervision of actor networks are important issues of the project. Support and supervision aim to connect the beneficiaries' networks of actors with market actors. • 06 potential commercial partners are identified for the distribution of improved stoves. Encouraging the establishment of collaborations between our beneficiary artisans and these actors must be continued. • Support (coaching) of nurserymen for collaboration with outlets for young bamboo plants must be continued. These activities constitute ongoing efforts of</p>	

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 field team. However, the project exit strategy aims to empower beneficiaries in implementation approaches.	
	3.3 Training on alternative fuel and improved stove is provided for local communities and private individuals	2024-12-31	25%	88%	A training of charcoal makers on the carbonization of bamboo as an alternative to traditional charcoal carried out. 50 beneficiaries including 22 trained in the Anivorano commune, Brickaville District and 28 others trained in the Niherenana commune, Vatomandry District. The challenge lies mainly in post-training monitoring and supervision for the adoption of techniques. 20 charcoal makers out of 50 trained reinvest in training in improved carbonization techniques. A manual is developed to support community trainers through the use of the manual.	HS
	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	2024-06-30	24%	65%	Energy efficiency demonstrations/tests were carried out in 14 houses. 01 database on the effectiveness of efficient-energy stoves produced in each manufacturing unit including 01 in Brickaville and 01 in Vatomandry was established after the demonstration periods. The project is notified by the ONE and must carry out a PREE study instead of the EIA. The administrative process of recruitment and study launch	S

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
					<p>for the PREE has begun. The constitutional study of the PREE is underway. Discussions with MEH/ADER are continuing. The challenge remains the few changes in the administrative procedures of rural electrification projects which generate additional time in activities. Currently, the AO file of the plant operator and the administrative files to be compiled following the notification of change in procedure for obtaining the DTI for the importation of Gasifier are the main areas of work. The project is awaiting the results of the administrative instructions for the files (between ADER, ORE, PPP unit of the presidency). At the municipal level, an awareness session for municipal authorities was carried out in Anivorano-Est to remind the authorities of their roles and implications in the implementation of a rural electrification project. An exchange meeting between the UCP and ADER/MEH was organized in order to establish a form of framework agreement as part of the administrative preparations linked to obtaining the DTI for the importation of Gasogen. The 300 ha bamboo plantation is completed.</p>	

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
					<p>Plantation maintenance equipment was provided to the 42 planters during waves 1, 2 and 3 to reinforce maintenance activities. The completion rate for the construction of infrastructure at the Antseranambe power plant is 90%. The specifications for the establishment of electricity transport and distribution infrastructures are established. The community is informed and made aware of the importance of electricity for the promotion of economic activities: massive awareness raids with local authorities, awareness posters, etc. The first awareness theme focused on the cognitive aspect. The local population has official knowledge about the existence of the power plant Awareness-raising efforts among institutional stakeholders in the project area are also being pursued. These social engineering approaches linked to electrification are approaches to strengthen ownership of the electrification project.</p>	
	3.5 300 ha of shrub species and bamboo plantation established for energy use and wood services	2023-09-30	50%	93%	<p>Technical training for new bamboo planters was provided. Additional training focused mainly on production planning, simplified management, and understanding the operating account of a</p>	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
					plantation were provided at the same time to the beneficiaries. The support format in terms of financing mechanism is defined for the artisans producing efficient-energy stoves: a subsidy to strengthen the start of the 3000FA objectives of the project with the artisans who will be selected for this.	
	3.6 Technologies transferred, adapted and produced locally as part of local enterprise activity	2024-12-31	7%	55%	For this period, the project's various efforts in reducing transaction costs consist of: (i) carrying out a market study of efficient-energy stoves (ongoing) which is an approach aimed at facilitating access to market information for beneficiaries of the efficient-energy stoves component; (ii) the establishment of a system subsidy to strengthen the start of production of 3000 efficient-energy stoves; (iii) the installation of planting plots (preparation until planting of the plants) as well as the provision of corresponding young plants; (iv) the provision of equipment for the maintenance of plantations; (v) connecting nurserymen with applicants for young bamboo plants; (vi) capacity building for establishing forecast operating costs and (vii) facilitating the acquisition of raw materials during	MS

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
					<p>training and technical training for coal miners. 50 local artisans benefited from technical training on the manufacture of efficient-energy stoves. Training sessions on entrepreneurship were provided to these beneficiaries to strengthen their vision of entrepreneurship in this sustainable energy sector. 28 players in bamboo production, the 50 artisans trained in efficient-energy stoves production techniques benefited from training in entrepreneurial techniques and marketing skills. It remains to continue post-training support for beneficiaries in order to bring out entrepreneurs capable of sustaining local activities for the production of efficient-energy stoves. The most important is the adoption of entrepreneurial practices by the beneficiaries. Efforts to raise awareness and encourage women to integrate the different value chains in the sustainable energy sector have been deployed. Women are currently listed as planters, efficient-energy stoves artisans, and charcoal makers. Preparation for collaboration with school canteens, restaurants or canteens is carried out in order to strengthen</p>	

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
					<p>the adoption of efficient-energy stoves. The preparation of the first workshop aimed at raising awareness and mobilizing private actors on the opportunity linked to the establishment of the Antseranambe power plant has begun. The project continues the identification of actors to target for the workshop. The conditions of the PPP linked to rural electrification are being prepared for the project. Efforts on the public side via the project have already been carried out, highlighting the raison d'être of the PPP in this aspect of rural electrification: construction of the necessary infrastructure, importation of gasifier equipment, continuation of steps for the implementation place of a rural electrification project. These measures constitute mechanisms to encourage the commitment of private actors to invest in this renewable energy value chain. The project promotes the conditions for the emergence of a PPP for infrastructure management.</p>	

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 carried out various capacity building activities for the institutions concerned. such as local authorities. decentralized technical services. local communities: (i) Raising awareness of the sustainable

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
										concept carried by the project. (ii) Sharing information on the project. (iii) Technical training on the themes popularized by the project)
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	=	The project continued the awareness and advocacy campaign on the socio-economic and environmental benefits of renewable energies and will continue this dynamic until the end of project implementation.
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	↓	The appropriation of project activities (reforestation, agroforestry, etc.) by the beneficiaries gives them 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	↓	For component 2, a security system at the base community level was put in place. In this context, the development and use of land by households are validated by local authorities. The choice of activities to be implemented on the plots is made to meet the needs of households and are in no way imposed to avoid divergence of interests.
Risk 5: Local communities and relevant stakeholder groups (e.g. municipal	Outcome 2.1. output 2.3	M	M	L	L			L	↓	Awareness-raising and capacity-building actions on the benefits of

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
authorities. community groups community groups. NGOs. public entities) are not receptive to change traditional practices that threaten the provision of agroecological services and hydrological and persist in using unsustainable farming practices										agroecological practices have already begun and the findings are positive in relation to the relevance of the activities to be carried out
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	↓	Capacity building is carried out throughout the implementation of the project and selection criteria are put in place for the selection of local skills in order to guarantee the sustainability of acquired skills. 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	=	As part of the implementation of the project. the promotion of agroforestry favored the process for the development of land resources as well as land appropriation. The active participation of women in the implementation of this activity was 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	=	The establishment of two research and development centers on the improved stove in Brickaville and Vatomandry makes it possible to mobilize all local resources. thus reducing transaction costs. Furthermore. with regard to rural electrification. reducing the

Risks	Risk affecting: Outcome / outputs	CEO ED	PIR 1	PIR 2	PIR 3	PIR 4	PIR 5	Current PIR	Δ	Justification
										transaction costs of private investments is a continuous process until the end of the project. taking into account the evolution of the involvement of beneficiaries in the entrepreneurial activities to which they are involved. mobilized/incentivized
Risk 9: The private sector will not be willing to invest in renewable energy projects	Outcome 3.2	L	L	L	L			L	=	The project continues 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	↓	Alongside efforts to reduce the costs of private sector investments which should normally lead to a reduction in the cost of electricity produced. the project continues to raise awareness among the population on the importance and benefits of adoption. sustainable energies
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	=	The project will foster conditions for public-private partnership and promote risk mitigation mechanisms for engaging in the renewable energy value chain.
		L	L	L	L			L	↓	

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

Additional mitigation measures for the next periods

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

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

5 Amendment - GeoSpatial

Project Minor Amendments

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

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

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

Minor amendments

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

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

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
Site Ambalarangotra	-19.13584	48.39176		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Andavatoagna	-19.09292	48.35571		Fokontany Ambinanindrano II. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Kaloafy	-19.10480	48.36349		Fokontany Ambinanindrano II. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Antsofotra	-19.13581	48.37574		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Atsinanana	
Site Marovola	-19.11550	48.39540		Fokontany Sahanintsina. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Marosolatra	-19.14236	48.37286		Fokontany Sahanionaka. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Vatobe	-19.13437	48.37199		Fokontany Sahanionaka. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Ambinanisakovolo	-19.15058	48.37581		Fokontany Ambohimarina. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Forest restoration site
Site Ambalafary	-18.15032	48.55199		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Forest restoration site
Site Bevoalavo	-18.20384	48.59128		Fokontany Anjahamana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Forest restoration site
Site Tsaratampona	-18.19008	48.57526		Fokontany Andranoambolava.	Forest restoration site

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.27023	48.55464		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27076	48.55431		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26258	48.55553		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27160	48.55424		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26541	48.55414		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26542	48.55422		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26147	48.55440		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27009	48.55458		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26521	48.55441		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27059	48.55421		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26440	48.55462		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26416	48.55491		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26525	48.55446		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26267	48.55517		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26264	48.55552		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26193	48.55473		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26182	48.55466		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27066	48.55429		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26360	48.55268		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26262	48.55562		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26168	48.55426		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26116	48.55464		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26146	48.55377		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27153	48.55426		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26132	48.55459		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26539	48.55422		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26543	48.55422		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26471	48.55478		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26559	48.55443		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27161	48.55499		Fokontany Afasimpotsy..	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26455	48.55465		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27032	48.55470		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26346	48.55271		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26432	48.55508		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26455	48.55465		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26476	48.55468		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.27183	48.55469		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26423	48.55537		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26417	48.55538		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26566	48.55446		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26389	48.55224		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26399	48.55273		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26421	48.55543		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26420	48.55506		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26547	48.55463		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27163	48.55493		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27359	48.55460		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26442	48.55507		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26557	48.55452		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27175	48.55452		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.27159	48.55416		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26555	48.55584		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26459	48.55467		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26531	48.55464		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.26412	48.55440		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.26591	48.55440		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2726.6	48.5540.0		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2715.9	48.5557.5		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2640.7	48.5542.0		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2714.9	48.5545.4		Fokontany Afasimpotsy.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Afasimpotsy	-18.2715.4	48.5557.2		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2713.9	48.5550.7		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2637.5	48.5509.8		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Afasimpotsy	-18.2740.1	48.5530.7		Fokontany Afasimpotsy. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.16303	48.57193		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambadikala	-18.14465	48.57286		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14455	48.57292		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14315	48.56222		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14487	48.56232		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14488	48.56230		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambadikala	-18.56230	48.14467		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14474	48.56185		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14480	48.56198		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14478	48.56203		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14479	48.56179		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambadikala	-18.14486	48.56220		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14567	48.56374		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14470	48.56161		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14481	48.56220		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14470	48.56216		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambadikala	-18.14518	48.56262		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.16302	48.57194		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14334	48.56191		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14374	48.56175		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.14521	48.56248		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambadikala	-18.2440.9	48.9384.0		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.2461.7	48.9576.6		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambadikala	-18.15236	48.56395		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambalabe	-19.1238.7	48.3908.8		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.1243.7	48.3750.7		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.1232.6	48.3806.4		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambalabe	-19.13112	48.37489		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13387	48.38172		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13117	48.37486		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13105	48.37490		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.14012	48.37587		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13261	48.37590		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13304	48.37542		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13098	48.38022		Fokontany Ambalabe. Commune rurale Ambalabe..	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				District Vatomandry. Région Atsinanana	
Ambalabe	-19.13363	48.37587		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13268	48.3809.2		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13391	48.38055		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13093	48.37590		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13095	48.38006		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.13112	48.37544		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalabe	-19.1240.9	48.5809.0		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
Ambalafarihy	-19.1240.7	48.3746.9		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambalafarihy	-19.1240.2	48.3746.0		Fokontany Ambalabe. Commune rurale Ambalabe. District Vatomandry. Région Atsinanana	Cultivation plot
Ambatoafo	-18.2145.4	48.5639.4		Fokontany Seranantsara. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoafo	-18.2144.4	48.5639.6		Fokontany Seranantsara. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoafo	-18.2147.1	48.5641.6		Fokontany Seranantsara. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21243	48.52566		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21307	48.52592		Fokontany Anivoranokely. Commune rurale	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Anjahamana. District Brickaville. Région Atsinanana	
Ambatoaranana	-18.21265	48.52575		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21250	48.52571		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21292	48.52577		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21256	48.52510		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21278	48.52441		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.21078	48.52400		Fokontany Anivoranokely. Commune rurale	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Anjahamana. District Brickaville. Région Atsinanana	
Ambatoaranana	-18.21275	48.52433		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatoaranana	-18.22052	48.52027		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.22070	48.52034		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.21280	48.52594		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.21234	48.52597		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.21250	48.53003		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.22034	48.52078		Fokontany Anivoranokely. Commune rurale	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Anjahamana. District Brickaville.	
Ambatoaranana	-18.21549	48.52094		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.21527	48.52108		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatoaranana	-18.22018	48.52035		Fokontany Anivoranokely. Commune rurale Anjahamana. District Brickaville.	Cultivation plot
Ambatohambana	-18.24070	48.55312		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.26244	48.55013		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24362	48.55094		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.23457	48.55208		Fokontany Ambatohambana.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Ambatohambana	-18.24170	48.55220		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.55220	48.55220		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24152	48.55231		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24163	48.55229		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.2342	48.55240		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.23450	48.55272		Fokontany.Ambatohambana.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Ambatohambana	-18.24104	48.55267		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24258	48.55169		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24125	48.55255		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24055	48.55349		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24066	48.55308		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24416	48.55054		Fokontany Ambatohambana.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Ambatohambana	-18.24437	48.55270		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24037	48.55253		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24374	48.54284		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24141	48.55254		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24237	48.55125		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatohambana	-18.24381	48.55237		Fokontany Ambatohambana.	Cultivation plot

Location Name	Latitude	Longitude	GEO Name ID	Location Description	Activity Description
				Commune rurale Anjahamana. District Brickaville. Région Atsinanana	
Ambatohambana	-18.23593	48.55362		Fokontany Ambatohambana. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambatolampy	-18.16303	48.57193		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambodihazoambo	-18.16786	48.57285		Fokontany Andranoambolava. Commune rurale Anjahamana. District Brickaville. Région Atsinanana	Cultivation plot
Ambodihazoambo	-18.16498	48.57219		Fokontany Andranoambolava. Commune rural	Cultivation plot

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

[Annex any linked geospatial file]