



## Final technical report – Rapid response grants

**PROJECT NUMBER: RRG-SA-1032**

**COUNTRY: MADAGASCAR**

**ORGANISATION NAME: MISSOURI BOTANICAL GARDEN**

# BIOPAMA

From Knowledge to Action for a Protected Planet



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The Biodiversity and Protected Areas Management Programme (BIOPAMA) is an initiative of the ACP Group of States funded by the European Union's 11<sup>th</sup> European Development Fund.

## General information

<b>Project title</b>	Mobilising local fisher-folk to control upsurge in wood exploitation in Pointe à Larrée NPA, Madagascar
<b>Project number</b>	RRG-SA-1032
<b>Region</b>	Southern Africa
<b>Country</b>	Madagascar
<b>Organisation (grantee) name</b>	Missouri BotanicamI Garden
<b>Project start date and end date</b>	01 April 2021 to 30 june 2022
<b>Total duration (in months)</b>	15 months
<b>Project awarded budget (in EUR)</b>	46,956.74 €
<b>Project partners (if applicable)</b>	Association MAMPITA
<b>Report submission date</b>	28/07/2022
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# List of Acronyms and Abbreviations

LMMA	Locally Managed Marine Area
MIHARI	MItantana HArena and Ranomasina avy eny Ifotony, that translates to “Marine resources management at the local level”
MBG	Missouri Botanical Garden
NPA	New Protected Area

## I. Project overview

**In this section, please provide a brief overview of the project main activities, including the priority area/s targeted (provide WDPA ID) if applicable.**

During the years 2020 to 2021 when the Covid-19 pandemic was gaining ground in Madagascar, the restrictions imposed by the Malagasy government severely impacted the economy of fishermen in the rural areas. Around the Pointe à Larrée Special Reserve (WDPA ID Number 555697898) with an area of 7.71km<sup>2</sup> (<https://www.protectedplanet.net/555697898>) on central-eastern Madagascar, the majority of households live with fishing. Faced with restrictions to movement, the fishermen decided to dry the fish to prolong the longevity of the products. Moreover, many farmers turned to fishing to supplement their income. For these reasons the Pointe à Larrée NPA experienced a large increase in infractions from fisher-folk seeking wood from within the protected forest.

The objective of the project was to reduce the cutting rates of native tree species in the Reserve while improving the incomes of fisher folks. To achieve this objective, several activities have been planned and implemented: 1) Creation and formalization of fisher folk's Associations with accompanying functional training; 2) Strengthening forest surveillance by fishing communities while providing materials and training on good patrol practices; 3) Developing alternatives to increase the income of fishermen and reduce their wood consumption especially through the construction of efficient fuel wood fish-driers using the wood from invasive alien tree species.

## II. Project achievements and recommendations

**In this section, please provide a brief summary of the main achievements of the project and key recommendations; as well as a high-level summary of the impact of the project.**

Three fisher folks Associations were created and formalized, grouping 236 members, including 160 men and 76 women. During the meetings to create these Associations, 26 Association leaders including 20 men and 6 women were trained on Association' management, clarification of their respective tasks, the principles of good governance. At the level of membership, 84 members from the three associations were trained on legislation on small sea fishing including 24 women and 60 men. Manuals of procedure have been established as legal working documents for Leaders and members. In terms of operationalizing the fishing activity, 102 professional fishing cards were distributed by the government through the Ministry of Fisheries and Blue Economy.

Regarding forest surveillance, 180 patrol sessions were carried out by the three association with the participation of 140 members, including 43 women and 97 men. During the patrols, a total of 151 cut woody stems, majority of which were shrubs, were discovered in the buffer zones, but no stems were found cut within the NPA. A total of nine perpetrators of offenses were apprehended and reported to KODINA. When applying the punishments associated with Dina, a total sum of Euro 138.5 was paid to two COBA Forest Management Associations; approximately 0.5 ha invaded by invasive species were cleaned and 500 seedlings of native trees were planted. As an alternative activity, three efficient fuel wood fish-driers were built, and these are currently being used by the fisher folks. These materials have allowed members to reduce the volume of wood consumption by up to 70% while using alien invasive species (paper bark tree, red silky oak and cogon grass) as a source of fuel. Through this use three areas densely invaded by these species, totaling 3.25Ha, were cleared within the Reserve and 56.63 m<sup>3</sup> of wood was extracted. Through this activity, 90 people including 22 women and 68 men were compensated with 329 pers-days.

### Work accomplished by project activities

**In this section, please describe the work carried out for each planned activity and associated results, following the structure of your logical framework\*. Ensure to submit an updated version of your logical framework (Excel document) with this report and complete the table in Annex 1. Please also highlight any activity that could not be carried out.**

#### II.1 Result 1 – Functioning local fisher-folk association

**Activity 1.1- Village meeting in each of the 3 fisher-folk villages to debate need to create fisher-folk association and define its Mission**

General meetings were held in each village (with a total of four villages): 1) to explain the objectives of the project; and 2) to understand their expectations, willingness, and their worries. In total 150 persons were present including 42 women and 108 men. Three Associations were conceived with one association being composed of people from two villages (Ambodimanga and Andasivoalavo).

**Activity 1.2 - Follow-on village meeting in each of the 3 fisher-folk villages to debate structure of proposed association, to define various tasks to enable effective functioning and to elect committee members**

Following the village meetings, three Associations were created, governed by Ordinance No. 60-133 of October 3, 1960, establishing the general regime of associations. The first Association called TARATRA was created with its head office in the village of Ambodimanga, Fokontany Antanambao, rural commune of

Manompana, formed by 90 members including 46 men and 44 women; the second, at Ankitsinambo, named MIARAMIENTANA (Ankitsinambo, Fokontany Antsiraka, rural commune of Antanifotsy), with 35 members including 8 women and 27 men; and the third, TAFITA, with head office in the village of Antsiraka, Fokontany Antsiraka, rural commune of Antanifotsy, with 111 members including 24 women and 87 men. During the constitution meetings, the leaders were elected, the dossiers including status, and internal rules were defined. The dossiers were submitted to the local authorities (Mayor, Chief of District, and Prefecture) for validation and acquisition of the registration number.

### **Activity 1.3 - Workshop with committee members to introduce concepts of good governance and to draft manual of procedure for the association**

Three manuals of procedure were elaborated for their respective Associations. The manuals include the procedures for the management and administration of the Association, financial management and the management of materials of the Association. The drafts of the documents were produced by Leaders of the Association, then reviewed by technical services and local authorities to comply with applicable laws. After that, these documents were validated in the general meetings of the Associations.

### **Activity 1.4 - General meeting to validate manual of procedures for association**

The three manuals of procedures were revised by local authorities (2 Representatives from communes, and representatives of the Fishing Services, and the Ministry of the Environment and Sustainable Development) and then these revised documents validated through a general meeting of the fisher folk Associations with the participation respectively: Association TAFITA at Antsiraka 33 members including 27 men and 6 women; MIZAKATENA at Ambodimanga 25 members including 10 men and 15 women; MIARAMIENTANA at Ankitsinambo 23 members including 20 men and 3 women; and the representatives of local authorities as previously. The Manuals deal specifically with the management of the Association, management of materials, financial management. In addition, for each Association a contract or collaboration was signed with MBG stipulating the right of staff of this organisation to conduct quarterly monitoring of the application of the manual, in particular with regard to financial management.

### **Activity 1.5 - Training of committee members in their respective tasks**

A total of 26 leaders including 20 men and 6 women from the three Associations received functional training conducted by members of Association MAMPITA. The training modules mainly concerned their respective tasks, good governance and management of the Association in general.

### **Activity 1.6 - Legalization of association**

The three Associations were approved for official establishment with respective definitive registration number, related to article 5 of Ordinance N°60-133 on 30 October 1960: 1) MIARAMIENTANA at Ankitsinambo (N ° 286-PREF/FEN-EST/ASS.); 2) TAFITA at Antsiraka (N ° 287-PREF/FEN-EST/ASS); 3) MIZAKATENA (N°022/PREFET/FEN-EST/ASS). In addition, 102 professional fishing cards were distributed to members of the three Associations, assuming that their activities are legally accepted by the government and that they can circulate to sell their products.

### **Activity 1.7 - Coaching of Association**

This activity is considered as short to long-term action and is based on practical actions. During the second trimester, the three Associations became members of MIHARI network acting on marine resources management in Madagascar, known as Locally Managed Marine Area (LMMA) (<https://mihari-network.org/a-propos-de-mihari/>). From 27 to 29 August 2021, Pointe à Larrée hosted the regional meeting of all the Fishermen's Associations of the north eastern region of Madagascar belonging to the MIHARI network, during which nine Associations were represented and each of the three Associations, newly created at Pointe à Larrée, participated. This meeting allowed the Leaders of the three Associations to exchange



experiences with other Associations within the network. In addition, an awareness-raising session was organized on the sustainable management of fishery resources during which around 70 fishermen (men and women) from Pointe à Larrée were present. At the end of September 2021, a representative of the fisherfolk of Pointe à Larrée participated in the national forum of the MIHARI, held in Antsohihy. Similarly, in December 2021, a female representative of a Association participated in exchange training in Mananara-nord. These two meetings allowed the representatives to acquire experiences, to exchange perspectives and knowledge with others. On return to the site, they shared their acquired knowledge to members of the fisherfolk Associations at Pointe à Larrée.

In December 2021, during the third trimester of the project, 84 members from the three Associations were trained on legislation on small sea fishing, including 24 women and 60 men. The training was provided by the Fisheries and Blue Economy Department. During the training, a presentation was made, followed by question-answer session to provide clarifications - especially concerning the specific cases of fishing around Pointe à Larrée.

## **II.2 Result 2– Increased surveillance of protected area**

### **Activity 2.1 - All interested members of fisher-folk association trained in best practice for patrolling forest**

To launch this activity, three training sessions were conducted: at Ankitsinambo with 20 members (1 woman and 19 men); at Antsiraka with 12 members (4 women and 8 men); and at Ambodimanga with 32 members (18 women and 14 men). The themes covered during the training included: the importance of the forest, fair and effective patrolling techniques and how to use GPS Unit as part of recording patrol trajectories and localising infractions.

### **Activity 2.2 - Daily patrols of protected area by members of association**

During 15 months of project implementation, a total of 180 daily patrols were conducted by 140 members of the three Associations including 43 women and 97 men. During the patrols, a total of 151 cut woody stems were recorded within the buffer zones, and no cut stems were found in the Reserve. Thus on average average of 10 cut stems were located monthly.

### **Activity 2.3 - Infractions reported to KODINA for treatment**

For many of the infractions observed during the patrols the perpetrators were known, but a total of nine perpetrators were apprehended and reported to the Dina Committee (internal community structure tasked with the application of local rules). After deliberation by the members of the Dina committee within the COBAs, various punishments were decided, depending on the case, including the payment of a fine, cleaning up parcels invaded by alien species and planting young trees in the forest restoration plots. Through the application of Dina, a total sum of Euro 138.5 was collected by two COBA Forest Management Associations, approximately 3.25 ha invaded by alien species were cleaned, and 500 young plants were out-planted.

## **II.3 Result 3 – Alternative activities contribute to local fisher-folks' subsistence**

### **Activity 3.1- Identification of best designs for solar fish drier and efficient fuel wood drier (both alternatives will be trialed in each of the 3 villages) and construction**

The prototype for efficient fuel wood fish-drier was identified at the village of Mandrisy, 40km from Pointe à Larree. A prototype of solar fish drier was found, but due to excessive cost, we decided to abandon the acquisition of this prototype and rather we used this budget line to improving the efficient fuel wood fish-drier - which is highly appreciated by fisher folks.

### **Activity 3.2 - Creation of women's group within fisher-folk association to manage driers**

Among the 236 members of three Associations, 76 are women, including: 44 women for the Tatrata Association in Ambodimanga, 8 women in the MIARAMIENTANA in Ankitsinambo and 24 women for TAFITA Association in Antsiraka. Once the efficient fuel wood fish-driers were installed, a female group was created within each Association, which was tasked with the management of the drier. Each group is composed of a President, a vice-president, an accountant and a secretary. In addition, the use of the fish drier is scheduled in turns between the members of the group - as foreseen in manual of procedure by each Association. In addition to managing the fish drying schedule, the women's groups also keep the drying operation record book and the cash register with accounts.

### **Activity 3.3 - Training of women's group in use of driers**

Three training sessions were provided. The first was held in July 2021 in Mandrisy where one of the fuel-efficient wood fish-drier models is located, during which nine representatives of three Associations participated, including five women and four men. In addition to the training on fish drying using the efficient driers, fisher folks from the two locations (Mandrisy and Pointe à Larrée) exchanged experiences in terms of fisheries management, the good governance of Associations, the zoning of areas fishing under the guidance of Locally Management Marine Areas.

After the constructing the other driers, during March 2022, other training sessions were completed. Two female trainers from Mandrisy (where visit-exchange conducted in July 2021) came to Pointe à Larrée and provided the training for ten days. The training module was mainly focused on fish drying techniques using the new drier. The sessions were split into two, from March 14 to 18 and 19 to 23, 2022, respectively for two Associations, Miaramientana in Ankitsinambo and Tafita in Antsiraka. A total of 35 fisherfolk participated including 15 women and 16 men. As several members of two Associations have never received training in this regard, the session began with the theoretical basis for the drier and then moved on to practical training.

### **Activity 3.4 - Meeting of fisher-folk association to define modalities for use and maintenance of driers (including collection of wood of invasive alien species for use of fuel)**

For each of the Associations, internal organization is guided by manuals of procedure. This mainly concerns: the method of collaboration with those using the fuel wood driers (who pay for the wood from Invasive Alien Species or IAS); the method of rotating work between members of women's groups; and daily compensation. Each of these three Associations has their own operating procedures and these are included in their respective manuals of procedures.

- For Association MIZAKATENA at Ambodimanga: a) for non-members of the Association, the cost of fish drying is Ar1500/basin for small fish and Ar2,000/tray for large fish (client pays for firewood); b) for members of the Association, the cost of fish drying is Ar1000/basin for small fish and Ar1500/tray for big fish (client pays for firewood). Only, firewood from IAS can be used. During drying process, a member from the women's group must assist the client and she will receive Ar 10,000 per day as compensation.
- For Association MIARAMIENTANA at Ankitsinambo: a) for non-members of the Association, the cost of fish drying is Ar1500/basin for small fish and Ar2,000/tray for big fish (client pays for firewood); b) for members of the Association, the cost of fish drying is Ar1000/basin or tray (client pays for firewood). Only, firewood from IAS can be used. During the drying process, a member from the women's group must assist the client and she will receive Ar 10,000 per day as compensation. The assistant will be scheduled in rotation among all members of the women's Association.
- For Association TAFITA at Antsiraka: a) for non-members of the Association, the cost of fish drying is Ar2000/basin for small fish and Ar3000/tray for big fish (Association pays for firewood); b) for members of the Association, the cost of fish drying is Ar1000/basin for small fish and Ar1500/tray for fish (fish owner pays for firewood). Only,

firewood from IAS can be used. During the drying process, a member from women Association must assist the client and she will receive Ar 10,000 per day as compensation. The assistant will be scheduled in rotation from all members of the Association.

For the three Associations, it was agreed that profits will be used as follows: 20% to mother-Association, 20% to Federation LOVASOA (for maintenance of driers), 50% to Women's group, 10% used to protect forest (to be offered to MBG and COBA at the end of the year).

### **Activity 3.5 - Women's group assure functioning of driers and receive compensation for their work**

The use of the efficient fuel wood driers started on 25 March, 2022. On April 2022, only two basins of fish (the basin is the local weighing unit) were dried as trial by an Association (Miaramiantana in Ankitsinambo) while for the Tafita Association in Antsiraka, six people used the drier with a total of 23 fish basins generating a total sum of Ar11,500 (€3). Afterwards, no one has used drier because the seas yielded only very low catches of fish. These low catches are probably related to seasonal movements of the fish. Efficient fuel wood driers, although much appreciated by fisher folk, were little used during the season of scarcity from May until now but we believe that use will resume in December 2022 when fish will again become abundant in this area..

Activity 3.6 - Members of fisher-folk association receive compensation for their work in patrolling forest

### **Activity 3.7 - Members of fisher-folk association receive compensation for their work in controlling invasive species (cutting stems and transport of woody biomass to the village for use in driers)**

This activity is much more strenuous compared to the work of patrolling. After several discussion sessions with the communities, it was decided to pay €5 to €10 per pers. per day depending to the difficulty of the work to remove invasive species. A total of 329 pers-days were compensated with participation of 90 people including 22 women and 68 men. Trees of paper bark tree, red silky oak and cogon grass were removed from 3 areas within the Reserve. In total 3.25Ha was cleaned of IAS and 56.63 m<sup>3</sup> of wood was extracted. The wood thus extracted was used by fisher folks as fuel for the efficient fuel wood driers.

## III. Stakeholder engagement

**In this section, please describe the different stakeholders you have identified, and how they have been engaged throughout the project.**

Four categories of stakeholders are involved in the implementation of the project:

1. Fisher folks: they are the beneficiaries of the project and they participate in the implementation of different activities such as patrolling, removal of invasive species, etc.
2. The technical services of the government (regional service of the Ministry of Fishing and Blue Economy, regional service of the Ministry of Environment and Sustainable Development, and the Prefect and the Head of District). They are involved in strengthening the technical capacities of beneficiaries, supporting for

project implementation, issuance of operating permits such as fishermen's cards, and issuance of registration numbers as required to formalise the Associations.

3. Local authorities (Mayors, presidents of Fokontany). They are elected officials and they are involved in the organization of the villages, local awareness, resolution of conflicts generated by the project.

4. Non-governmental technical partners: MAMPITA Association and MIHARI Network. They actively participated in the process of formalizing the Associations and conducting training on various topics.

## IV. ESMS

**In this section, please confirm that you have completed your ESMS at all stages of the project cycle (i.e. self-assessment, project proposal/grant agreement, monitoring and final reporting). Please state which standards were triggered if any, and how you dealt with these (i.e. access restrictions, indigenous peoples, cultural heritage and biodiversity conservation).**

This section is not applicable for the project.

## V. Capacity development

**If applicable, in this section, please describe the capacity development activities undertaken during the project lifetime, and provide some details about the profile of the participants trained.**

During project implementation, three types of capacity building have been developed:

1. Capacity building for women on the use of efficient fuel wood fish-driers. This training was carried out in two steps. The first was conducted where the efficient fuel wood drier model was located in Mandrisy, 40 km north of Pointe à Larrée. Nine representatives of three Associations participated in this training including five women and four men. The second step of training was held at Pointe à Larrée during which two Lady trainers from Mandrisy came to Larrée. The training took place over ten days from March 14 to 23, 2022, based mainly on practical sessions of drying fish in the new driers. A total of 35 fisher folks members participated including 15 women and 16 men.

2. Functional training of fisher folks on the management of Associations. Following the creation of the Associations, two training sessions were provided. The first session concerned training of the Leaders of three Associations on Associative management, good governance and clarification of their respective tasks. A total of 26 leaders including 20 men and 6 women from the three Associations received functional training conducted by Association MAMPITA. During this session, these Leaders discussed the draft of manual of procedure for each Association. After revision of the manuals and improvement by technicians from the government, a validation session by the General Assembly was held and details of the manuals and method of application were clarified for the members of the Associations. During this session, technicians from the Fisheries and Blue Economy Department also provided training on the law and regulations governing small-scale fisheries. A total of 84 members from the three Associations participated in this training session including 24 women and 60 men.

Within the context of the MIHARI network, three exchange sessions were undertaken: a) from 27 to 29 August 2021, when Pointe à Larrée hosted regional meeting of MIHARI Region North-East members during which nine LMMA Associations were represented - including the three Associations of fishermen in Pointe à Larrée and 70 fishing members. Several themes were considered during the 2-day meeting such as explanation on the MIHARI network, technique of spawning reserve, rights and responsibility of small-scale fishing and LMMA leaders, the standards required for small-scale fishing. At the end of September 2021, a representative of the fisherfolk of Pointe à Larrée participated in the national forum of the MIHARI network, held in Antsohihy. This meeting also allowed this representative to acquire experience, to exchange perspectives and knowledge with others. On return at Pointe à Larrée, this representative shared his experiences with members of the fisherfolk of Pointe à Larrée. In December 2021, a female representative from Pointe à Larrée participated in the exchange visit to North Mananara on the subject of the development of fisheries with the other representatives of the LMMAs in the northeast region. After the visit, she also made a restitution to the members.

3. Training in forest patrol techniques. At the start of the forest patrol, three training sessions were conducted, at Ankitsinambo with 20 members (1 woman and 19 men), at Antsiraka with 12 members (4 women and 8 men), at Ambodimanga with 32 members (18 women and 14 men). The themes were covered during the training included: the importance of the forest, fair and effective patrolling techniques and how to use GPS Unit as a tool for recording patrol trajectories and for mapping infractions.

## VI. Communication and visibility

**In this section, please list all the communication and visibility activities undertaken during the project lifetime. Please provide a link to all these activities and indicate the publication/posting date (as possible). Please also**

## **provide a perspective of the impact achieved through the implementation of the communications and visibility activities.**

Three types of communication were carried out during the project:

### 1. Posting on website for project inception.

The project inception was published on a specially designed website that described all relevant information about the project. For more details, please see the link below: <https://action.biopama.org/action-projects/mobilising-local-fisher-folk-to-control-an-upsurge-in-wood-exploitation-in-pointe-a-larree-special-reserve/>

<https://action.biopama.org/wp-content/uploads/2021/04/Infofiche-RRG-SA-1032.pdf>

### 2. Publication on national television channel.

The training session and allocation of fishing equipment were published on national television in December 2021. This broadcast covers the entire national territory, so it was seen by thousands of citizens.

### 3. Posting on Facebook

In Madagascar, facebook network is currently the publication channel most accessible to the public. Four publications were made on the project: a) July 16, 2021 on the official launch of the project and description of the objectives; b) September 5, 2021, meeting of the Locally Management Marine Areas in Pointe à Larrée within the MIHARI network; c) May 08, 2022, participation in the exhibition of European projects outside the City Hall in Antananarivo ( held on May 05, 2022); and d) July 3, 2022, description of the operation and advantages of efficient fuel wood driers. These various publications are accessible on the Facebook account: <https://web.facebook.com/pointealarree.mbg>. Overall, people appreciated the project and positive feedback was received from the various posts. It is important to note, that people are particularly interested in the efficient fuel wood driers.

### 4. Participation in the special Event organized by European Union.

On May 05, 2022, the European Union in Madagascar dedicated a special day to present projects implemented in Madagascar in collaboration with the European Union. MBG Pointe à Larrée participated in this event. Three projects funded by BIOPAMA exhibited in a joint stand. For Pointe à Larrée, the objectives and achievements were summarized in large posters and some brochures were produced with GEF co-financing. Several people were interested in the exhibition and at the end of which a platform of young people called TANOMAFI [https://www.pinterest.fr/TANOMAFI\\_saved/](https://www.pinterest.fr/TANOMAFI_saved/), expressed a desire for collaboration on environmental education.

## **VII. Sustainability and replication potential**

**In this section, please describe the long-term benefits and effects of the project, and evaluate the potential for replicability and transfer of knowledge and experience gained during the project.**

The fishing activity, mainly maritime, occupies an important place in the Malagasy rural economy, 7% of the island's GDP and provides around 500,000 direct jobs (MPRH, 2013). Currently, in Pointe à Larrée, through this project, all the basic structures are in place for developing this sector, among other things, three Associations are now formalized with the respective operational manuals of procedure, members with professional fishing cards, and a membership having benefited from functional training and capacity building under different themes. We believe that that the existing components would allow fishermen to improve their

performance. Currently, an independent consultant hired using the GEF co-financing is in the process of an external evaluation of the economic impacts of the project and will also formulate recommendations for future actions. For technical aspect and materials, fisher folks have from efficient fuel wood driers (BIOPAMA financing) and a 25CV motorized canoe and 1.8 km long fishing nets (co-financing GEF) and these materials will place them in a good position for the next fishing season which begins December. Economically, current efficient fish driers have reduced by half the expense of drying of fish. In addition, the rapid drying process of 2 hours instead of 24 hours with traditional driers, represents a significant saving in the investment of time. From an environmental point of view, the efficient fuel wood drier model has shown clear efficiency by reducing volume of wood consumption by up to 70%. Thus, in all, it presents economic and environmental gains and thus has high potential to be sustainable. While the construction of the fish drier, costing around €2,000, seems quite expensive for individual investment for local fisher folks. This investment is possible for groups of fisher folk.

According to the discussions on Facebook, it seems that some regional operators are ready to invest in the construction of driers on their own accounts. Also, the AFAFI-north project, funded by the European Union approached us to see the possibility of reproducing the system. Hence, there are three possibilities for replication of the efficient fuel wood drier system: a) cooperation between the members for small fish folk investors; b) investment by relatively wealthy private operators; c) subventions from external funding sources.

Whatever the financial options for extending the actions, technical support for the entire project remains important. MBG is ready to share experiences, good practices and lessons learnt. At the level of administration, support from the fisheries department is always essential to comply with the law and regulations in force. At the project end, we expect that collaboration with fishery department will continue and that their staff will continue to provide technical accompaniment with the associations of fisher folk. In addition, in manual of procedure it was agreed that 20% of benefit from using motorboat and efficient fuel wood driers will be retained by the Association to maintain equipment and to be reused as revolving fund (Activity 3.4) thereby promoting the long term sustainability of this project.

## VIII. Lessons learnt

**In this section, please provide a brief overview of the lessons learnt around the project implementation and on the grant process, including what worked and what did not work as expected.**

Through this project, several lessons have been learned and these can serve as a basis for informing future actions:

1. For project implementation, several stakeholders were involved in the planning as well as in implementation. The differences of paradigms exist, and sometimes view point are indeed wildly divergent, but work can still be conceived and successfully implemented by developing a clear shared vision and a clear understanding of respective responsibilities.;

2. This project takes into account social realities while promoting economic gain. As not everyone has the same dynamism or motivation to engage, this can lead to conflicts between members, as is the case of the MIZAKATENA Association in Ambodimanga. This led to a delay in the implementation of work. However, the intervention of the local authorities resolved the conflicts between the members within a reasonable time.

3. Pointe à Larrée is located in a cyclonic zone. In 2022, five cyclones hit the area and brought excessive flooding over five months. As Pointe à Larrée is a flat marshy landscape, prolonged flooding significantly influenced the timing of project implementation most particularly the removal of invasive species. Thus, for such a project in an area strongly influenced by climatic events, it is important to take into account these



unpredictable phenomena during planning and remain flexible during implementation.

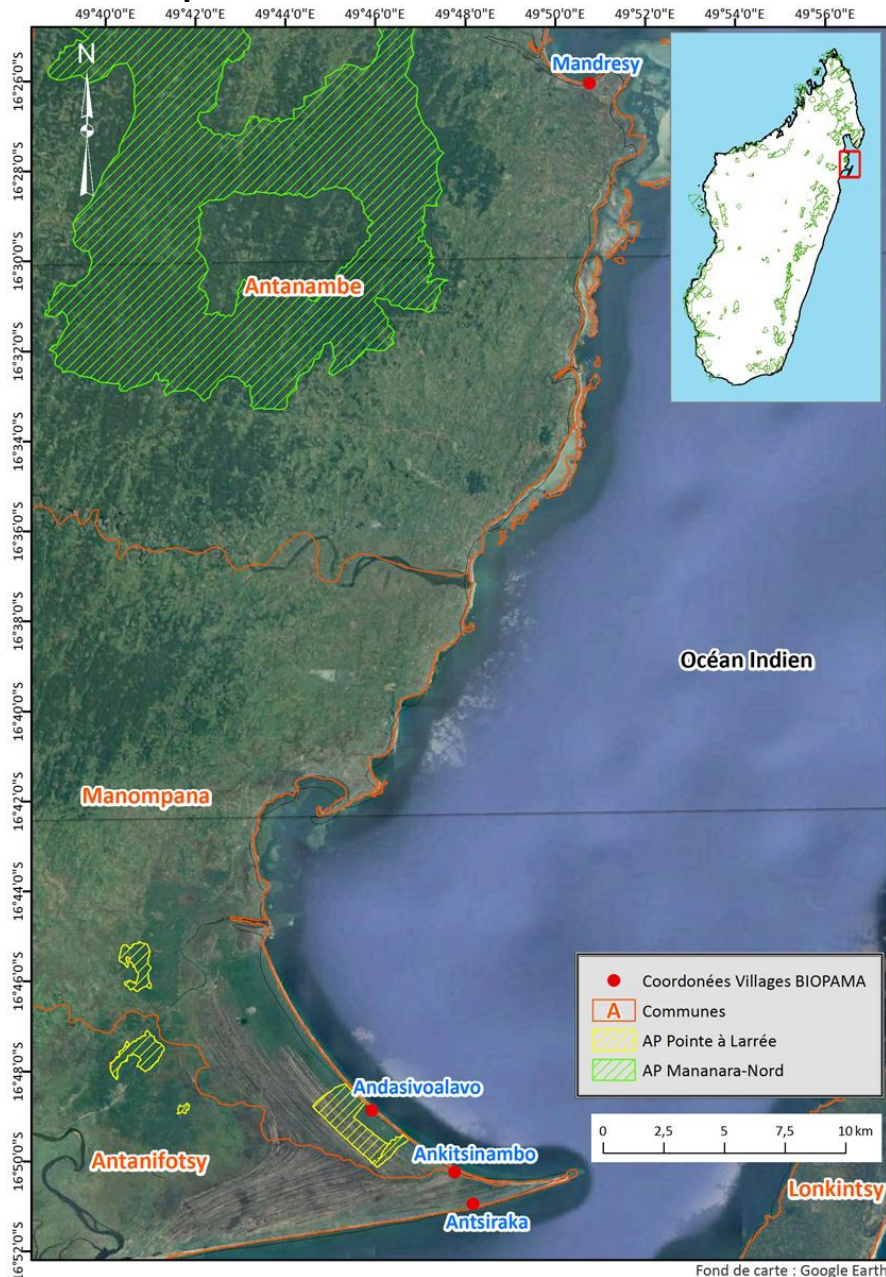
4. The identification and involvement of key stakeholders with clarification of their roles at the beginning of the project are crucial for project' success.

5. During project implementation, the communication component, especially Facebook played a very important role. Partners and the public appreciate being informed in concisely and in a timely fashion. The up-to-date information and the feedback received served as a framework for reflection and analysis sometimes leading to adjustments to the actions or the approach.

6. However, perhaps the most important lesson was that working with rural communities requires patience, flexibility and compromise.

## IX. Additional information

If applicable, in this section, please add any additional information or comments relevant to the project that you judge necessary and that hasn't been reported in the previous sections.



Location of the protected area and the three villages hosting fisherfolk associations where activities were implemented.

## X. Annexes

### Annex 1: Results against logical framework

BIOPAMA AC indicators	Target value	Value reached	Source of verification
IGO2.1 # PCAs where civil society, stakeholders and rights-holders with appropriate opportunities to participate in management planning, processes and actions.	1	1	Minutes of meetings
IGO2.2 # of stakeholders involved during the implementation of BIOPAMA AC projects.	150	236	Minutes of meetings
IGO2.3 # of Communities/people involved during the implementation of BIOPAMA AC project	3	3	Minutes of meetings
IGO4.1 # of stakeholders involved during the implementation of BIOPAMA AC project.	150	236	Minutes of meetings
IGO4.2 # BIOPAMA AC projects supporting gender equity through improvement of governance arrangements.	1	1	Minutes of meetings
IGO4.3 # of communities/people concerned.	3	3	Minutes of meetings
IGO4.4 # of women concerned.	75	76	Minutes of meetings
IGO4.5 # of vulnerable communities concerned.	3	3	Minutes of meetings
IGO9.1 # of PCAs with improved participatory planning and decision-making thanks to BIOPAMA AC project.	1	1	Minutes of meetings
IGO9.2 Area covered in Km2.	7.72	7.72	Decree designating this site as a new protected area.
IGO9.3 # of communities.	3	3	Minutes of meetings
IGO9.4 # of people concerned	150	236	Minutes of meetings
IM7.1 # of PCAs with improved threat management, enhanced response, mitigation or eradication thanks to BIOPAMA AC project. (the threat has to be specified: CC, illegal hunting, IAS; etc...)	1	1	Minutes for participation in forest patrol
IM7.2 Measure in figures of the percentage of reduction of threat.	80	91	From Ranger log books -
IM7.3 Area covered in Km2.	7.72	7.72	N/A
IM8.1 # of PCAs with improved regulation enforcement thanks to BIOPAMA AC project.	1	1	Enforcement of internal regulation (Dina)
IM8.2 Area concerned in Km2.	7.72	7.72	N/A

IM8.3 Measure in figures of the improvement (i.e reduction of illegal activities)	80	91	From Ranger log books
IM14.1 # of PCAs better engaged in socio-economic benefits thanks to BIOPAMA AC project.	1	1	Minutes of meetings
IM14.2 # of communities concerned.	3	3	Minutes of meetings
IM14.3 # of people concerned.	150	236	Minutes of meetings
IM14.4 # of women concerned.	10	76	Minutes of meetings
IM14.5 # of vulnerable communities concerned.	3	3	Minutes of meetings
IM11.1 # of PCAs benefiting of training efforts thanks to BIOPAMA AC project.	1	1	Minutes of the training
IM11.3 # of communities trained thanks to BIOPAMA AC project	3	3	Minutes of training
<b>Project indicators</b>	<b>Target value (base line value)</b>	<b>Value reached</b>	<b>Source of verification</b>
Number of association legalised (Legalisation of either one federated association (serving all three fisher-folk villages) or three associations (depending on wishes of participants))	3 formalised Associations (zero as baseline)	3 formalised Associations	Legal documentation
Number of associations functional (Either one federated association (serving all three fisher-folk villages) or three associations functional (depending on wishes of participants) functioning to serve its members with good governance)	3 Associations (zero as baseline)	3 Associations	Manual of procedures validated by membership Positive audit of application of manual of procedures Minutes of regular meetings of association
Number of patrols	Increased by 600% (15 patrols per month as baseline)	Total 182 patrols during 11 months (average 16.5 patrols/month), ie increase of 10%	Ranger logs
Number of tree stems (dbh>10cm) cut within NPA per month.	Reduction of 80% of wood extraction at the end of activity (84 tree stems cut within NPA in month of May 2020 as baseline)	Mean 10 tree stems cut per month within buffer zone of the NPA and zero within the NPA (ie reduction 91% in buffer zone and 100% in NPA)	Ranger logs
Number of fisher-folk which benefit from alternative activities. At least	300 (zero as baseline)	195 members	Accounts of payments made to families as compensation for their input into the project

50% of fisher-folk (i.e. 300 in total) receive income from the action			
Average income obtained from beneficiary fisherfolk (Average income from beneficiaries during course of project)	\$125 (zero as baseline)	€24/year per family from compensation and average income from fishing activity is around €68/month/family during the favorable months of January to June (N=80, survey November 2021)	Accounts of payments made to families as compensation for their input into the project
<b>Deliverables</b>			
1.List of members adhering in the Associations			Report, minutes and photos
2.Location for visit-exchange on efficient fuel wood drier			Coordinates and photos
3.List of members participating in the training			Report, minutes and photos
4.List of formalised Association			Minutes of Registration number
5.Number of trainings provided			Minutes of training
6.Number of manual of procedure validated			Minutes of meetings
7. Number of efficient solar and fuel wood fish-driers			Minutes of completion

## Annex 2: Copy of deliverables (reports/minutes of meetings).

Please organise the information as per the results and activities as indicated in the project's logframe.

<p>Result1/Activity A.1.1 Village meeting</p> <p>Minute of the general meeting on 15 June 2021 at Ambodimanga to debate need to create fisher-folk association and define its Mission (29 persons present)</p> <p>Deliverable 4</p>	<p>Fokontany : Tanambao Ambodimanga Kaominina : Manompana Distrika : Soanjerana Ivongo</p> <p>FITAMAMA AM-TSORATRA NY FIVORIANA FAKAN-KEVITRA</p> <p>Androany faha 15 Jona 2021, tamin'ny . 05 ora sy sisany hareteto Ambodimanga, Fokontany Tanambao. Kaominina Manompana Distrika Soanjerana Ivongo, Faritra Analanjanarofo, dia nivory ny mpanzono miisa 29 (sivy amby roapolo). Fikambanana Mampita sy ONG MBG no nitarika ny fivorianana sy nanazava ny mikasika ny fananganana fikambanan'ny mpanzono. Taorian'ny fifanatalozan-kevitra dia nankatoavin'ny mpivory ny fananganana ny Fikambanan'ny Mpanzono, ary ho dinihina amin'ny manaraka ny mahakasika ny fanorenana ofisialy ny Fikambanana. Matao ny fanaovan-tsonia ho marikan'ny fankatokana izany, ka ireto avy ny nanatrika sy manao sonia:</p> <p>Mpitaha-Tsoratra Francky Tebon</p> <p>Mpitaha Fivorianana Solo Serge</p>
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Result1/Activity  
A.1.1 Village meeting

Minute of the general meeting on 16 June 2021 at Andasivoalvo to debate need to create fisher-folk association and define its Mission (25 persons present)

Deliverable 4

Fokontany : Tanambao Ambodimanga  
Kaominina : Manompana  
Distrika : Soanierana Ivongo

FITANANA AN-TSORATRA  
FIVORIANA FAKAN-KEVITRA

Androany faha 16 Jona 2021, tamin'ny 10 ora .  
maraina , teto Andasivoalvo , Fokontany Tanambao Ambodimanga  
Kaominina Manompana , Distrika Soanierana Ivongo, Faritra  
Analanjirofo , dia nivory mpanjono miisa 25  
(Dimy Ambj Roapolo).

Fikambanana Mampita sy ONG MBO no nitarika ny  
fivoriana sy nanazava ny mikasika ny fananganana  
Fikambanana ho any Npanjono.

Taorian'ny fifanakalozan-kevitra dia nankatoavin'ny  
mpivory ny fananganana ny Fikambanan'ny Npanjono,  
hiraiana amin'ny mpanjono ao Ambodimanga  
(Fokontany Tanambao Ambodimanga), ary ho dimihina  
amin'ny manaraka ny mahakasika ny fanorenana  
ofisialy ny Fikambanana.

Matao ny fanaovan-tsonia ho marika ny fanatoavana  
izany, ka ireto ary ny ranatraka sy manao sonia:

Mpitan-tsoatra

  
NESTHOR BOBY

Mpitarika Fivoriana

  
  
Solo Serge

Result1/Activity  
A.1.1 Village meeting

Minute of the general meeting at Ankistnambo on 16 June 2021 to debate need to create fisherfolk association and define its Mission (22 persons present)

Deliverable 4

Fohontany : Antsiraka  
Kaominina : Antanifotsy  
Distrika : Soanierana Ivongo

FITANAMA AM - TSORATRA  
FAKAM - KEVITRA


Androany faha 16 Jona 2021, tamin'ny 03 ora hariva, teto Ankistnambo, Fohontany Antsiraka, Kaominina Antanifotsy, Distrika Soanierana Ivongo, Faritra Analangirofo, dia nivory ny mpanjono mivisa Z2. (Roa Amby Roapolo).

Fikambanana Mampita sy ONG MBG no nitarika ny fivoriana sy nanazava ny mahakasika ny fananganana Fikambanana ho any mpanjono.

Taorian'ny fifanakalozan-kevitra dia nankatoavin'ny mpivory ny fananganana ny Fikambanan'ny mpanjono, hiraizana amin'ny mpanjono ao Antsiraka, ary ho dirahina amin'ny manaraka ny mahakasika ny fanovenana ofisialy ny Fikambanana.


Natao ny fanaovan-tsonia ho marika ny fankatoavana izany, ka ireto avy ny nanatrika sy nanao sonia:

Mpitan-Tsoratra

  
Franjois Frejus



Mpitarika Fivoriana

  
Solo Serge



Result1/Activity  
A.1.1 Village meeting

Minute of the general meeting on 17 June 2021 at Antsiraka to debate need to create fisher-folk association and define its Mission (80 persons present)

Deliverable 4

Fokontany : Antsiraka Amparambany

Kaominina : Antanifotsy

Distrika : Soanierana Ivongo

FITANANA AN-TSORATRA

FAKAM-KEVITRA

Androany faha 17 Jona 2021, tamin'ny 09 ora maraina, teto Antsiraka, Fokontany Antsiraka, Kaominina Antanifotsy, Distrika ny Soanierana Ivongo, Faritra Andanjirofo, dia nivory ny mpangono miisa . . .

Ny Fikambanana Mampita sy ny ONG MBE no nitarika ny fivoriana sy nanazava ny mikasika ny fananganana Fikambanana ho any Mpangono Ito an-Iberana.

Taorian'ny fifanakalozan-kevitra dia nankatoavin' ny mpivory ny fananganana ny Fikambanan'ny Mpangono Ito Antsiraka Amparambany . . . ary ho dinihina amin'ny manaraka ny mahakasika ny fanorehana ofisialy ny Fikambanana.

Natao ny fanaovan-tsoria ho marika ny fankatoavana ny zavatra tapaka, ka ireto avy ny nanatrika sy nanao ny sorita :

Mpitan-Tsoratra

TANJAKA Paulin

NY SEFOM-FOKONTANY



TANJAKA JURE

Mpitarika Fivoriana

Solo Serge

Result 3: A.3.1  
Identification of best  
designs for efficient  
fuel wood drier

Minute of the  
preliminary visit at  
Mandry for  
preparing the next  
visit with women's  
from Pointe à Larrée  
(17 members present)

Deliverable 2

### FITANANA ANTSORATRA

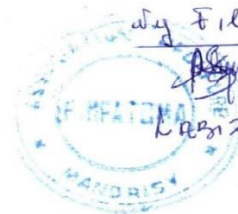
Tamin'ny Asaboty 03 Jolay 2021 tamin'ny  
08 ora ny haintany marina, ka hatramin'ny  
Mora ny 05 mn dia nanao fivoriana fifanaka-  
lozan-kevitra mikasika ny fitantanana  
TAHIRIN-DAOKA ny Teknika fanalazana-daoke  
ny mpikambana ao amin'ny Fikambanana  
FIMPATOMA ny ny Fokontany, Tangalamena  
ary ny M.B.G tao amin'ny LAFAORO  
Mandry Fokontany Maubray, kaominina  
Antanambe, Distrika Mananara, Maritima.  
Zavatra roa(02) no nifanankalozana tamin'izany  
1. Momba ny lafaoro ny ny Teknika fanalazana-  
daoko  
a) Hita fa manava-penitra kokoa ary azaka-  
na tombontsoa maro ny lafaoro manava-penitra  
mihabita amin'ny lafaoro fampiasa ara-brazana.  
2. Momba ny fiainan'ny Fikambanana,  
Tara ny fiainan'ny Fikambanana satria  
maubray andriaitra daholo ny mpikambana  
ary nahitana tombontsoa ny fananganana ny  
FIMPATOMA  
Ny van'ny olona tonga nivory dia miisa 18.  
Izany miara-manao sonia eo ambany ao anatin'  
ny fanamarinan-pahatongavana.

ny mpitan-tsoratra

RABESOA

ny Filoha

KARZA SORIN

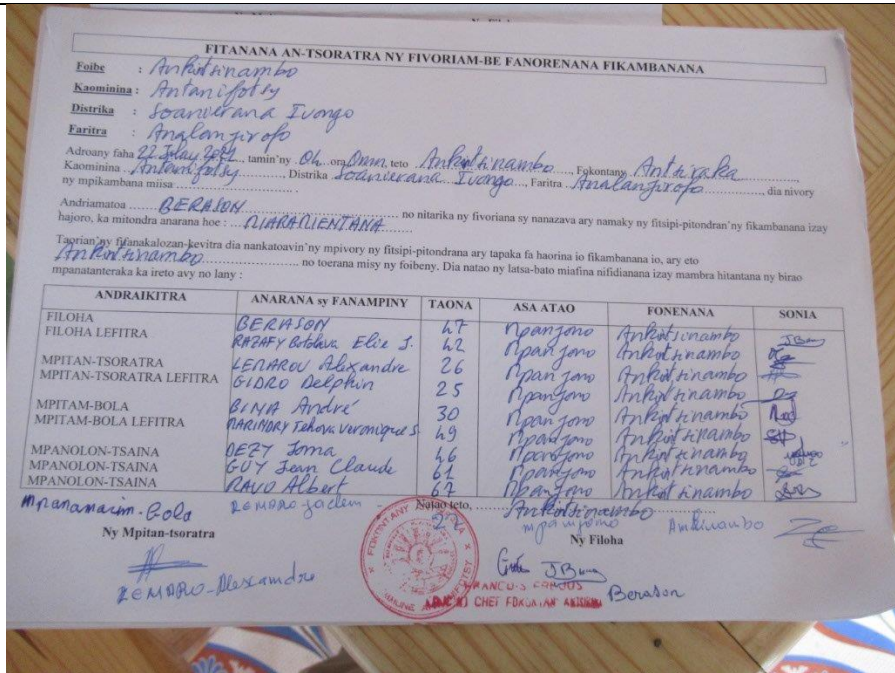


Result1/Activity A.1.2

Follow-on village meeting in each of the 3 fisher-folk villages to debate structure of proposed association, to define various tasks to enable effective functioning and to elect committee members

Minutes of creation of Association MIARAMIENTANA at Ankitsinambo on 22 July 2021

Deliverable 1



Result1/Activity A.1.2

Follow-on village meeting in each of the 3 fisher-folk villages to debate structure of proposed association, to define various tasks to enable effective functioning and to elect committee members

Designation of the 10 members of committee for the Association MIARAMIENTANA at Ankitsinambo

Deliverable 1



Result1/Activity  
A.1.2 Follow-on  
village meeting in  
each of the 3 fisher-  
folk villages to debate  
structure of proposed  
association, to define  
various tasks to  
enable effective  
functioning and to  
elect committee  
members

Minutes of  
Association creation  
Antsiraka on 23 July  
2021

Deliverable1

**FANAMBARANA FANORENANA FIKAMBANANA**

Fikambanana : TAFITA  
Foibe : Antsiraka  
Kaominina : Antanifotsy  
Distrika : Soanjerana Ivongo  
Faritra : Analangirofo

Araka ny andininy faha-5 hitsivolana faha - 60 - 133 tamin'ny 03 octobra 1960, naorina ny Fikambanana ..... TAFITA  
..... Ny zava-kendren'ny fikambanana dia ny fandraisana anjara amin'ny fiarovana ny tentolo iainana an-dranomasina sy miaro ny  
fampiasana ny harena an-dranomasina mba haharitra ka holovain'ireo taranaka amam-para.  
Ary mandray anjara biriky amin'ny fampandrosoana maharitra. Fampandrosoana izay mifantoka amin'ny fanentanana ara-tsosialy, ary ara-tontolo iainana.  
Ireto avy ireo mpikambana ao amin'ny birao mpanatanteraka :

ANDRAIKITRA	ANARANA sy FANAMPINY	ASA ATAO	FONENANA
Filoha	MASSAHE Dorun	Npangono	Antsiraka
Filoha Lefitra	RENAVOLO Romain	Npangono	Antsiraka
Mpitan-tsoratra	BEZAFY Christonio	Npangono	Antsiraka
Mpitan-tsoratra Lefitra	ZIDZOU Jocelyn	Npangono	Antsiraka
Mpitam-bola	SAVAVE Laurette	Npangono	Antsiraka
Mpitam-bola Lefitra	FELICITE Thovine	Npangono	Antsiraka
Mpanolon-tsaina	INGETA Julie	Npangono	Antsiraka
Mpanolon-tsaina	FRANÇOIS Frizuj	Npangono	Antsiraka
Mpanolon-tsaina	TANJAKA Paulin	Npangono	Antsiraka
Mpanolon-tsaina	THIERRY Michael	Npangono	Antsiraka

Ny Mpitam-tsoratra : ZIDZOU Jocelyn  
Ny Filoha : MASSAHE Dorun

Natso foto, ..... Antsiraka ..... Androany faha : 23/7/21

Result1/Activity  
A.1.2 Follow-on  
village meeting in  
each of the 3 fisher-  
folk villages to debate  
structure of proposed  
association, to define  
various tasks to  
enable effective  
functioning and to  
elect committee  
members

Designation of the 10  
members of  
committee for the  
Association TAFITA  
at Antsiraka  
Deliverable1

**TARATASY FILAZANA MAMBRAN'NY BIRAO MPANATANTERAKA**

Fikambanana : TAFITA  
Foibe : Antsiraka  
Kaominina : Antanifotsy  
Distrika : Soanjerana Ivongo  
Faritra : Analangirofo

Anarana sy Fanampiny	Anaran-dRay sy Reny	Daty sy Toerana nahaterahana	Asa atao	Nomero sy Daty nanaovana Karam-panondro	Sonia
MASSAHE Dorun	DORIMIKI Nassahé	18/11/87	Npangono	302 021 002 201	Don
RENAVOLO Romain	TADAHY	Vondragana	Npangono	6102/01 Sainte Marie	Don
BEZAFY Christonio	JEAN BLAINDINE Fara	Vuri 2396	Npangono	302 021 032 522	Don
ZIDZOU Jocelyn	BEZAFY Christonio	21/7/91	Npangono	302 021 003 039	Don
SAVAVE Laurette	BEZAFY Christonio	20/7/92	Npangono	302 021 042 595	Don
FELICITE Thovine	BEZAFY Christonio	21/7/92	Npangono	302 021 042 595	Don
INGETA Julie	BEZAFY Christonio	21/7/92	Npangono	302 021 042 595	Don
FRANÇOIS Frizuj	BEZAFY Christonio	21/7/92	Npangono	302 021 042 595	Don
TANJAKA Paulin	BEZAFY Christonio	21/7/92	Npangono	302 021 042 595	Don
THIERRY Michael	BEZAFY Christonio	21/7/92	Npangono	302 021 042 595	Don

Ny Mpitam-tsoratra : ZIDZOU Jocelyn  
Ny Filoha : MASSAHE Dorun

Natso foto, ..... Antsiraka ..... Androany faha : 23/7/21

Result1/Activity  
A.1.2 Follow-on  
village meeting in  
each of the 3 fisher-  
folk villages to debate  
structure of proposed  
association, to define  
various tasks to  
enable effective  
functioning and to  
elect committee  
members

Minutes of  
Association  
TARATRA creation  
at Ambodimanga on  
23 July 2021  
Deliverable 1

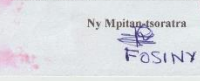

**FANAMBARANA FANORENANA FIKAMBANANA**

Fikambanana : TARATRA  
Foibe : Ambodimanga  
Kaominina : Manompana  
Distrika : Soanjerana Ivongo  
Faritra : Analamajorofo

Araka ny andiminy faha-5 hirisvolana faha - 60 - 133 tamin'ny 03 octobra 1960, naorina ny Fikambanana .....TARATRA..... ny foiben'ny dia eto  
Ambodimanga. Ny zava-kendren'ny fikambanana dia ny fandraisana anjara amin'ny fiarovana ny lontolo iainana an-dranomasina sy miaro ny  
fampiasana ny harena an-dranomasina mba haharitra ka holovain'ireo taranaka amam-paha.

Ary mandray anjara biriky amin'ny fampandrosoana maharitra. Fampandrosoana izay mifantoka amin'ny fanentanana ara-tsosialy, ary ara-tontolo iainana.  
Ireto avy ireo mpikambana ao amin'ny birao mpanatanteraka :

ANDRAIKITRA	ANARANA sy FANAMPINY	ASA ATAO	FONENANA
Filoha	ROSINI Donal	Mpanjono	Ambodimanga
Filoha Lefitra	ANDROMIQUE Soba	Mpanjono	Ambodimanga
Mpitam-isoratra	FOSINY	Mpanjono	Andasimboakava
Mpitam-isoratra Lefitra	RAZAFIMANDIMBY Jean Jacques	Mpanjono	Ambodimanga
Mpitam-bola	RAVULOLOMIRANTHA Juliette	Mpanjono	Ambodimanga
Mpitam-bola Lefitra	DODA Françoise Sidonie	Mpanjono	Andasimboakava
Mpanolon-tsaina	NIANANDRAZANA Georgette	Mpanjono	Ambodimanga
Mpanolon-tsaina	BOTODI Andriamangy Peno	Mpanjono	Ambodimanga
Mpanolon-tsaina	FULGENCE Armand	Mpanjono	Andasimboakava

Ny Mpitan-isoratra :  Ny Filoha :   
FOSINY Rosini Donal













Natao teto, Ambodimanga ..... Androany faha 23 Jolay 2021



Result1/Activity  
A.1.2 Follow-on  
village meeting in  
each of the 3 fisher-  
folk villages to debate  
structure of proposed  
association, to define  
various tasks to  
enable effective  
functioning and to  
elect committee  
members

Designation of the  
nine members of  
committee of the  
Association  
TARATRA at  
Ambodimanga

**TARATASY FILAZANA MAMBRAN'NY BIRAO MPANATANTERAKA**

Fikambanana : TARATRA  
Foibe : Ambodimanga  
Kaominina : Manompana  
Distrika : Soanjerana Ivongo  
Faritra : Analamajorofo


Anarana sy Fanampiny	Anaran-dRay sy Reny	Daty sy Toerana nahaterahana	Asa atao	Nomeroa sy Daty nanaovana Karam-panandro	Sonia
ROSINI Donal	MARILY Guy Rosini Parist	18/05/99 Andranangyaha	Mpanjono	218 031 199 169	
ANDROMIQUE Soba	MATHALIE SOBA Aime	25/10/94 Andranangyaha	Mpanjono	25/11/18 Andranangyaha	
FOSINY	JOSIANE Leon	15/06/93 Andranangyaha II	Mpanjono	315 032 000 649	
RAZAFIMANDIMBY Jean Jacques	BERSEOR Marandra	15/06/93 Andranangyaha	Mpanjono	205/91 Vandenina	
RAVULOLOMIRANTHA Juliette	ENTSOHANA Eliak Sagara	1/3/80 Fenerive Est	Mpanjono	-	
DODA Françoise Sidonie	BE Claude	24/1/82 Fenerive Est	Mpanjono	305 032 006 839	
NIANANDRAZANA Georgette	MARCELINE	24/1/82 Fenerive Est	Mpanjono	311/100 Fenerive Est	
BOTODI Andriamangy Peno	DODA Françoise	24/1/82 Fenerive Est	Mpanjono	305 152 008 089	
FULGENCE Armand	CHARLINE	24/1/82 Fenerive Est	Mpanjono	312/02 Fenerive Est	
	NIANANDRAZANA VAVY	24/1/82 Fenerive Est	Mpanjono	302 032 008 012	
	MARGUERITE LAVASIANA	24/1/82 Fenerive Est	Mpanjono	311/03 Fenerive Est	
	GETTE Finy	24/1/82 Fenerive Est	Mpanjono	301 154 003 330	

Ny Mpitan-isoratra :  Ny Filoha :   
FOSINY Rosini Donal

Natao teto, Ambodimanga ..... Androany faha 21 Jolay 2021

Result1/  
A.1.6 Legalization of  
association  
Registrement number  
from the from the  
commune for  
MIARAMIENTANA  
at Ankitsinambo

Delivrable 4

  
ARABARADAM IANJANONON  
PROSPERITE - INDEPENDANCE - JUSTICE

FARITANY ANALANJOROFO,  
DISTRIKA SOANIERANA IVONGO  
KAOMININA AMBANIVOHIRA ANTANIFOTSY

**RECEPISSE N° ...058/C/R/AM/FOTSY/021.....**


Le Maire de la Commune Rurale d'ANTANIFOTSY, District de SOANIERANA IVONGO, Région ANALANJOROFO, soussigné, reconnaît avoir reçu le dépôt des dossiers de l'Association de pêcheur MIARAMIENTANA régie par la loi 60-133 du 03 Octobre 1960; siégeant à Ankitsinambo, Fokontany Antsiraka, Commune Rural d'Antanifotsy. Le dossier est composé de :

- 1/- Procès-verbal de réunion sur l'élaboration du Statut et Règlement intérieur en 08 exemplaires.
- 2/- Statut de l'Association en 08 exemplaires.
- 3/- Règlement intérieur l'Association en 08 exemplaires.
- 4/- Déclaration d'existence de l'Association en 08 exemplaires.
- 5/- Liste nominatif de membre de bureau de l'Association en 08 exemplaires.
- 6/- Fiche de présence durant l'élaboration du Statut et Règlement intérieur de l'Association en 08 exemplaires.
- 7/- Liste des membres de l'Association en 08 exemplaires.

Récépissé délivré pour servir et valoir ce que de droit.


Fait à Antanifotsy, le ..... 21 Août ..... 2021 .....

LE MAIRE (a été légalisée la signature)  
Sous n° 058/C/R/ AM/FOTSY

  
BRESNA Veloniara

Result1/  
A.1.6 Legalization of  
association  
Registrement number  
from the from the  
commune for  
TAFITA at Antsiraka

Deliverable 4

  
ARAKISADIAM MAHABOZEM  
FARITANY ANALANJOROFO  
DISTRIKA SOANIERANA IVONGO  
KAOMININA AMBANIVOHIRA ANTANIFOTSY

**RECEPISSE N° 059/C/R/A/FOTSY/021.....**


Le Maire de la Commune Rurale d'ANTANIFOTSY, District de SOANIERANA IVONGO, Région ANALANJIROFO, soussigné, reconnait avoir reçu le dépôt des dossiers de l'Association de pêcheur TAFITA régie par la loi 60-133 du 03 Octobre 1960; siégeant à Antsiraka, Fokontany Antsiraka, Commune Rural d'Antanifotsy. Le dossier est composé de :

- 1/- Procès-verbal de réunion sur l'élaboration du Statut et Règlement intérieur en 08 exemplaires.
- 2/- Statut de l'Association en 08 exemplaires.
- 3/- Règlement intérieur l'Association en 08 exemplaires.
- 4/- Déclaration d'existence de l'Association en 08 exemplaires.
- 5/- Liste nominatif de membre de bureau de l'Association en 08 exemplaires.
- 6/- Fiche de présence durant l'élaboration du Statut et Règlement intérieur de l'Association en 08 exemplaires.
- 7/- Liste des membres de l'Association en 08 exemplaires.


Récépissé délivré pour servir et valoir ce que de droit.

Fait à Antanifotsy, le **23 Août 2021**.....

LE MAIRE ( /u est légalisée le Signet  
re SOUS N) 059/C/R/A/FOTSY/  
0

  
**RABESOA Velonjara**

Result1/  
A.1.6 Legalization of  
association  
Registrement number  
from the from the  
commune for  
TARATRA at  
Ambodimanga

  
ARANBASAAM IVALUBOBE

**FARITANY ANALANJOROFO**  
**DISTRIKA SOANIERANA IVONGO**  
**KAOMININA AMBANIVOHIRA MANOMPANA**

**RECEPISSE N° 03/CR/MP/2021**

Le Maire de la Commune Rurale d' MANOMPANA, District de SOANIERANA IVONGO, Région ANALANJIROFO, soussigné, reconnait avoir reçu le dépôt des dossiers de l' Association de pêcheur **TARATRA** régie par la loi 60-133 du 03 Octobre 1960; siégeant à Ambodimanga, Fokontany Tanambao Ambodimanga, Commune Rural du Manompama. Le dossier est composé de :


- 1/- Procès-verbal de réunion sur l'élaboration du Statut et Règlement intérieur en 08 exemplaires.
- 2/- Statut de l'Association en 08 exemplaires.
- 3/- Règlement intérieur l' Association en 08 exemplaires.
- 4/- Déclaration d'existence de l' Association en 08 exemplaires.
- 5/- Liste nominatif de membre de bureau de l' Association en 08 exemplaires.
- 6/- Fiche de présence durant l'élaboration du Statut et Règlement intérieur de l' Association en 08 exemplaires.
- 7/- Liste des membres de l' Association en 08 exemplaires.

Récépissé délivré pour servir et valoir ce que de droit.

Fait à Manompama, le 11 Août 2021

LE MAIRE

Adjoint au Maire

  
MANDRA Grinçud



A.2.1 All interested members of fisher-folk association trained in best practice for patrolling forest

Minutes of the training at Ankitsinambo

Deliverable 5

## FITANANA AN-TSORATRA

Androany faha 12/08/21 dia nivory tao amin'ny ofitran'ny fianarana ny mpianatra ao Ankitsinambo ny mpikambana ny mpanjono MIARAMIENTANA ao Ankitsinambo sy ny teknisiàna avy ao amin'ny tetikasa MBO.

Ny fivoriana dia niatomboka tamin'ny sivy ora maraina ary ny filohan'ny fikambanana no nitarika izany.

Ny anton'ny fivoriana dia fanatanterahana ny fiofanana mikasika ny fanaraha-maso ny ata. Natao izany mba ho tamborin'andrikitra noho ny fahasahoana tehana avy amin'ny fiarovana ny atiala ary indrindra ho fandraisana anjara amin'ny fiarovana ny Tontolo Iainana.

Rehefa vita ny diridirika amin'ny akapobeny dia miroso tamin'ny fiofanana ara-teorika avy hatrany ka zavatra telo no mianarana tamin'izany.

- Ny teknika fanaovana fanaraha-maso atiala
- Ny fomba fampiasana ny GPS
- Ny fomba fanaovana statitra ny asari

Rehafa vita izany fiofanana ara-teorika izany  
dia niroso tamin'ny fampiharana indray  
ka samy nandray anjara tsirairay ny  
mpikambana rehetra izay tonga mofana  
Ny fivoriana dia nirava tamin'ny telo era  
hariva ary ny isan'ny olona tonga nivory  
sy nandray anjara tamin'ny fiofanana  
dia miisa roampolo.

Ny Mpitantsoatra

~~AS~~

Ny Filoha

~~JB~~

A.2.1 All interested members of fisher-folk association trained in best practice for patrolling forest

Minutes of the training at Antsiraka

Deliverable 5

### FITANANA AN-TSORATRA FIVORIANA

Androany faha 13/08/21 dia nivory tao amin'ny EPP ao Antsiraka ny mpikambana mpanjono ao amin'ny fikambanana TAFITA ao Antsiraka sy ny teknisia ary ao amin'ny telibasa HBG Ny fivoriana dia nanomboka tamin'ny valo ora sy efapolo minitra marainy ary ny filohan'ny fikambanana no nitarika ny fivoriana

Ny antony nivoriana dia ho fanatanterahana ny fiofanana mikasika ny fanaraha-maso atiala. Natao izany nba ho fandraisana andraikitra amin'ny fiarovana ny Tontolo iainana.

Zavatra telo lehibe no nentina nanatanteraka izany fiofanana izany.

- 1- Ny teknika ny fanaovana fanaraha-maso atiala
- 2- Ny fomba fampiasana ny GPS
- 3- Ny fanaovana tatitra ny asa vita

Taorianan'ny fiofanana ara-teorika dia notolizana indray tamin'ny fampiharana samy nandray anjara ny firairay tamin'ny fampiasana ny GPS ary tamin'ny alalan'ny

fampiharana izay natao no nanaovana ohatra tamin'ny fanaovana tatitra

Ahafa vitany fiofanana dia nirausa ny mpikambana tamin'ny roa ora sy dimampolo minitra.

Ny isan'ny olona tonga nivory sy nanaoraka izany fiofanana izany dia misa roa ambin'ny folo

Ny Mpitara-tsoratra

ZRA

Ny Filoha

Dau

A.2.1 All interested members of fisher-folk association trained in best practice for patrolling forest

Minutes of the training at Ambodimanga

Deliverable 5


FITANANA AN-ISOKATRA FIVORIANA


Androany faha 21/09/21 dia nivony tao amin'ny  
Boitaom'ny COBA FANANJENANA ao Ambodimanga  
ny mpikambana mpanjono ao amin'ny fikambanan  
TARATRA sy ny teknisia ary ao amin'ny HBB  
Ny fivoriana dia nanomboka tamin'ny 8h30 dia  
maraina ary ny nitarika ny fivoriana dia ny  
filohan'ny fikambanan

Ny zavatra notanterahina tamin'izany dia ny  
biofanana mikasika ny teknika fanavonana  
Eisafonana Atsola, ny fampiasana GPS ary ny  
fanavonana taita sy asa vita.

Ny fivoriana dia nifarava tamin'ny iraka  
ambina'ny foto latsaka fahafany.

Ny isan'ny olona tonga nivony dia miisa 32

Ny Filoha  


Ny Mpitantsoantso  
FOSINS  


A.3.3 Training of women's group in use of driers

Deliverable 5

### FIRAKETANA AN-TSORATRA Momba ny Fiofanana

Ny 15 ka hatramin'ny 17 volana Jolay 2021 dia notantse nahina teto Mandrôsy, kominina ambarivohitra Antanambe, distrika Mananara-aravatra, faritra andalana-jirôfo, ny fioka nana momba ny zoro sy ny fanalazana laoka amin'ny lafona, izay nataon'ny solon-tenan'ny mpanjono ny M.B.G./P.A.L (Pointe à l'oeil)

Mnato avy ny zavatra natao tamir'izany

- Ny 15 volana Jolay 2021 dia nanao fiofanana antsoatra momba ny zoro sy ny fanalazana laoka amin'ny lafona
- Ny 16 volana Jolay 2021 dia nanao fampiharana fomba ara-teknika momba ny zoro sy ny fanalazana laoka amin'ny lafona
- Ny 17 volana Jolay 2021 dia manatanteraka ny fandraisana anjara ka tamir'ny fetin'ny fikambanana mpanjono anatin'ny kominina Antanambe.

Ho fiofanana io dia nataon'ny solon-tenan'ny fikambanana "FIMPATOMA" Fikambanana Mpanjono Tompon'andraikitra Mandrôsy izay misa 9 (isy)

Miasa-manao rovia eto amban'ny irao olona nandray anjara tamir'ny fampiofanana

Ny mpitar-tsoatra



Belera Edmond

Ny fioka  
Lazika Odren

**Result1/ Activity 1.3 -  
Workshop with  
committee members to  
introduce concepts of  
good governance and to  
draft manual of  
procedure for the  
association**

Minutes of review of the  
manuals of procedure by  
technical services and local  
authorities

Deliverable 6



MINISTÈRE DE LA PÊCHE ET DE  
L'ÉCONOMIE BLEUE  
ANTANANARIVO  
SECRETARIAT GENERAL

DIRECTION GENERAL  
DE L'ÉCONOMIE BLEUE

DIRECTION GENERAL DE LA  
PÊCHE ET AQUACULTURE

SERVICE RÉGIONAL DE LA PÊCHE  
ET AQUACULTURE

**PROCES-VERBAL DE L'ATELIER D'AFFINAGE DES MANUELS DE  
PROCEDURE DES PECHEURS DANS LA ZONE DE POINTE À LARREE**

Date : 11 Novembre 2021  
Lieu : Fenerive-Est, Bureau MBG à Sahavola  
Participants : Cf Fiche de Présence


L'an deux mil vingt et un, onze Novembre à huit heures et demi, un atelier a été tenu en vue d'affiner les manuels de procédure préalablement élaborés par les membres des bureaux des Associations des pêcheurs dans la zone de Pointe à Larrée (Andasivoalavo, Ankitsinambo, Antsiraka).


Au début de l'atelier, un message de bienvenue a été présenté par l'Adjoint au maire de la Commune Rurale de Manompana, Mr Miandra Grinaud, en mettant en exergue l'importance du soutien des activités des pêcheurs dans la zone qui tient compte à la fois les enjeux de la conservation des ressources naturelles et la génération des revenus pour la population locale.

Après une lecture exhaustive des clauses stipulées dans les manuels, les participants ont apporté des suggestions d'amélioration dont une partie sera à discuter, puis à valider avec les membres des pêcheurs concernés pendant les prochaines Assemblées générales. Les contenus des manuels révisés concernent surtout les procédures relatives à la gestion des matériels, système de vente des produits, gestion financière, synergie leurs actions avec les autres parties prenantes, mode de partage des bénéfices, des sanctions pour des cas à l'encontre de la bonne conduite d'application des manuels.

Plus rien n'étant signalé à l'ordre du jour, l'Adjointe au Maire de la Commune Rurale d'Antanifotsy, Mme Voangy Justin, a clôturé la séance ce jour du 11 Novembre 2021 à 16h 30mn.

Fait à Fénériver-Est, le 11 Novembre 2021

Le Secrétaire de séance  
  
Adolphe Lehavana

Le Président de la séance  


## Result1/ Activity 1.4 - General meeting to validate manual of procedures for association

Minutes for validation of  
Manuals of procedure for  
the three fisher folk  
Associations by the  
Ministry of Fishing and  
the Blue Economy

Deliverable 6



MINISTÈRE DE LA PÊCHE ET DE  
L'ÉCONOMIE BLEUE  
ANTANANARIVO  
SECRETARIAT GENERAL

DIRECTION GENERAL  
DE L'ÉCONOMIE BLEUE

DIRECTION GENERAL DE LA  
PÊCHE ET AQUACULTURE

SERVICE RÉGIONAL DE LA PÊCHE  
ET AQUACULTURE



### PROCES-VERBAL DE VALIDATION DES MANUELS DE PROCEDURE DES ASSOCIATIONS DE PECHEURS DANS LA ZONE DE POINTE À LARRÉE

Date : 13-14 Décembre 2021

Lieu : Antsiraka, Fokontany Antsiraka, CR Antanifotsy

Participants : Cf Fiche de Présence

L'an deux mil vingt et un, treize Décembre, à huit heures et demi, un atelier a été tenu pour valider les manuels de procédure des Associations des pêcheurs dans la zone de Pointe à Larrée (TAFITA à Antsiraka, MIARAMIENTANA à Ankitsinambo et MIZAKATENA à Ambodimanga).

Au début de l'atelier, un message de bienvenue a été présenté par l'Adjoint au Maire de la Commune Rurale d'Antanifotsy, Mme Voangy Justin, en mettant en exergue l'importance du soutien des activités des pêcheurs pour parvenir aux objectifs de développement durable et la conservation de la NAP de Pointe à Larrée. Elle a également souligné l'importance des travaux antérieurs relatifs à ces manuels et qu'une validation à travers de telles Assemblées Générales des Associations est une étape cruciale avant d'appliquer les clauses inscrites dans ces manuels.

Durant les deux jours de l'atelier, les séances de validation ont été séparées pour les trois Associations, soit une demi-journée par Association. Durant les sessions, les clauses des manuels ont été exhaustivement lues, puis discutées avec les membres avant de passer à la validation. Des améliorations et des remarques pertinentes ont été apportées par les membres en particulier en ce qui concerne la gestion financière, système de vente des produits, synergie d'actions avec les autres parties prenantes, mode de partage des bénéfices, des sanctions pour des cas à l'encontre de la bonne conduite d'application des manuels, protocole de collaboration avec MBG et gestion des matériels (pirogue et fours pour séchage de poissons). Durant la dernière demi-journée du 14 Décembre 2021, les membres de trois Associations ont été groupés pour assister à la formation sur la législation sur la pêche maritime (PV séparé).

Plus rien n'étant signalé à l'ordre du jour, l'Adjointe au Maire de la Commune Rurale d'Antanifotsy, Mme Voangy Justin, a clôturé les séances de l'atelier, ce jour du 14 Décembre 2021 à 18h 30mn.

Fait à Antsiraka, le 14 Décembre 2021

Le Secrétaire de séance

Adolphe Lehavana

Le Président de la séance



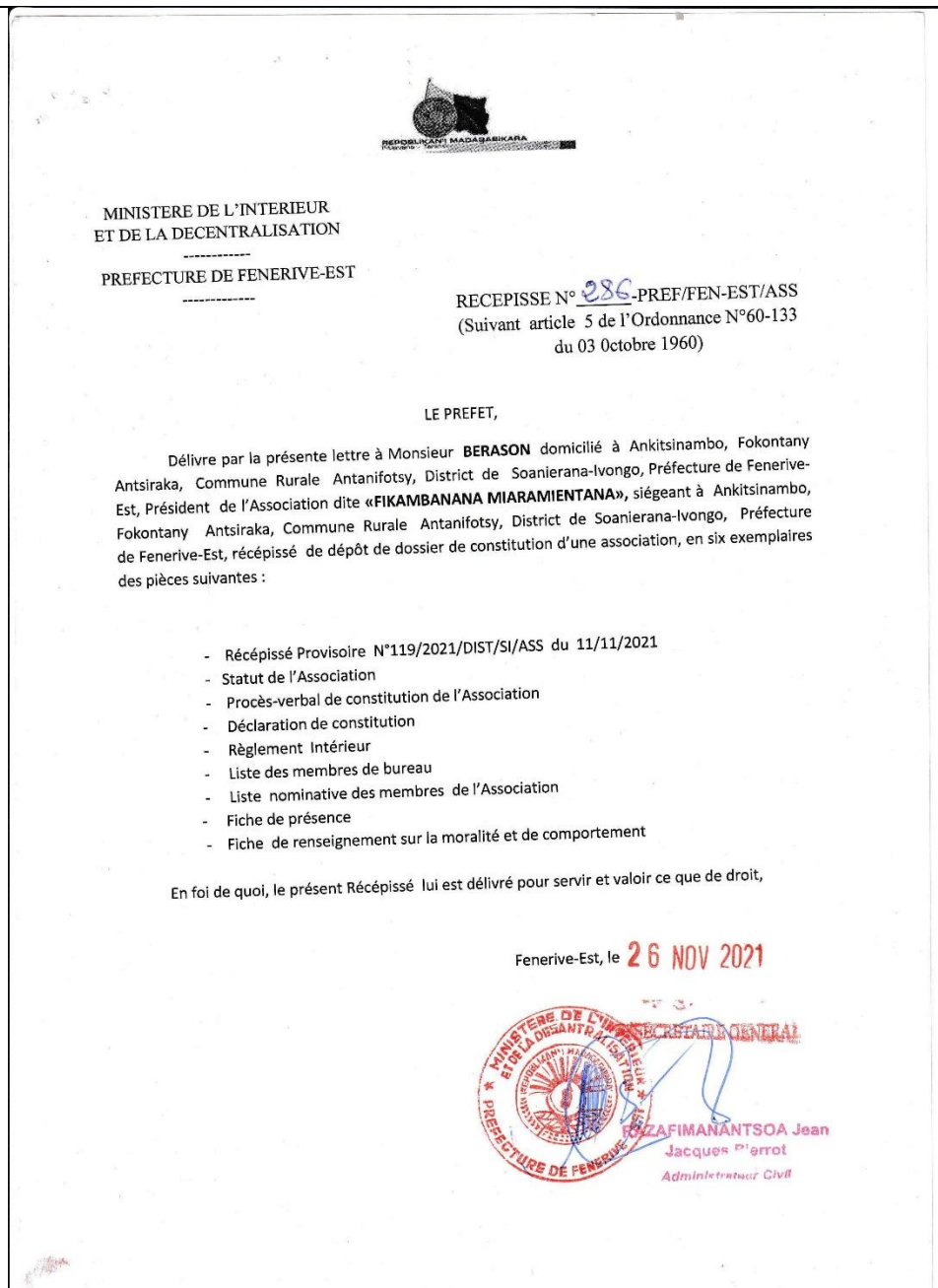
Aina Marie Elva

**Result1/**

**A.1.6 Legalization of association**

Definitive Registration number from the Prefecture for MIARAMIENTANA at Ankitsinambo

Deliverable 4





**Result1/**

**Activity 1.6 - Legalization  
of association**

Definitive Registration  
number from Prefecture for  
TAFITA at Antsiraka

Deliverable 4



MINISTRE DE L'INTERIEUR  
ET DE LA DECENTRALISATION

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PREFECTURE DE FENERIVE-EST  
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RECEPISSE N° 287-PREF/FEN-EST/ASS  
(Suivant article 5 de l'Ordonnance N°60-133  
du 03 Octobre 1960)

LE PREFET,

Délivre par la présente lettre à Monsieur **MASSAHE Donain** domicilié à Antsiraka, Fokontany dudit, Commune Rurale Antanifotsy, District de Soanierana-Ivongo, Préfecture de Fenerive-Est, Président de l'Association dite «**FIKAMBANANA TAFITA**», siégeant à Antsiraka, Fokontany dudit, Commune Rurale Antanifotsy, District de Soanierana-Ivongo, Préfecture de Fenerive-Est, récépissé de dépôt de dossier de constitution d'une association, en six exemplaires des pièces suivantes :

- Récépissé Provisoire N°118/2021/DIST/SI/ASS du 11/11/2021
- Statut de l'Association
- Procès-verbal de constitution de l'Association
- Déclaration de constitution
- Règlement Intérieur
- Liste des membres de bureau
- Liste nominative des membres de l'Association
- Fiche de présence
- Fiche de renseignement sur la moralité et de comportement

En foi de quoi, le présent Récépissé lui est délivré pour servir et valoir ce que de droit,

Fenerive-Est, le 26 NOV 2021

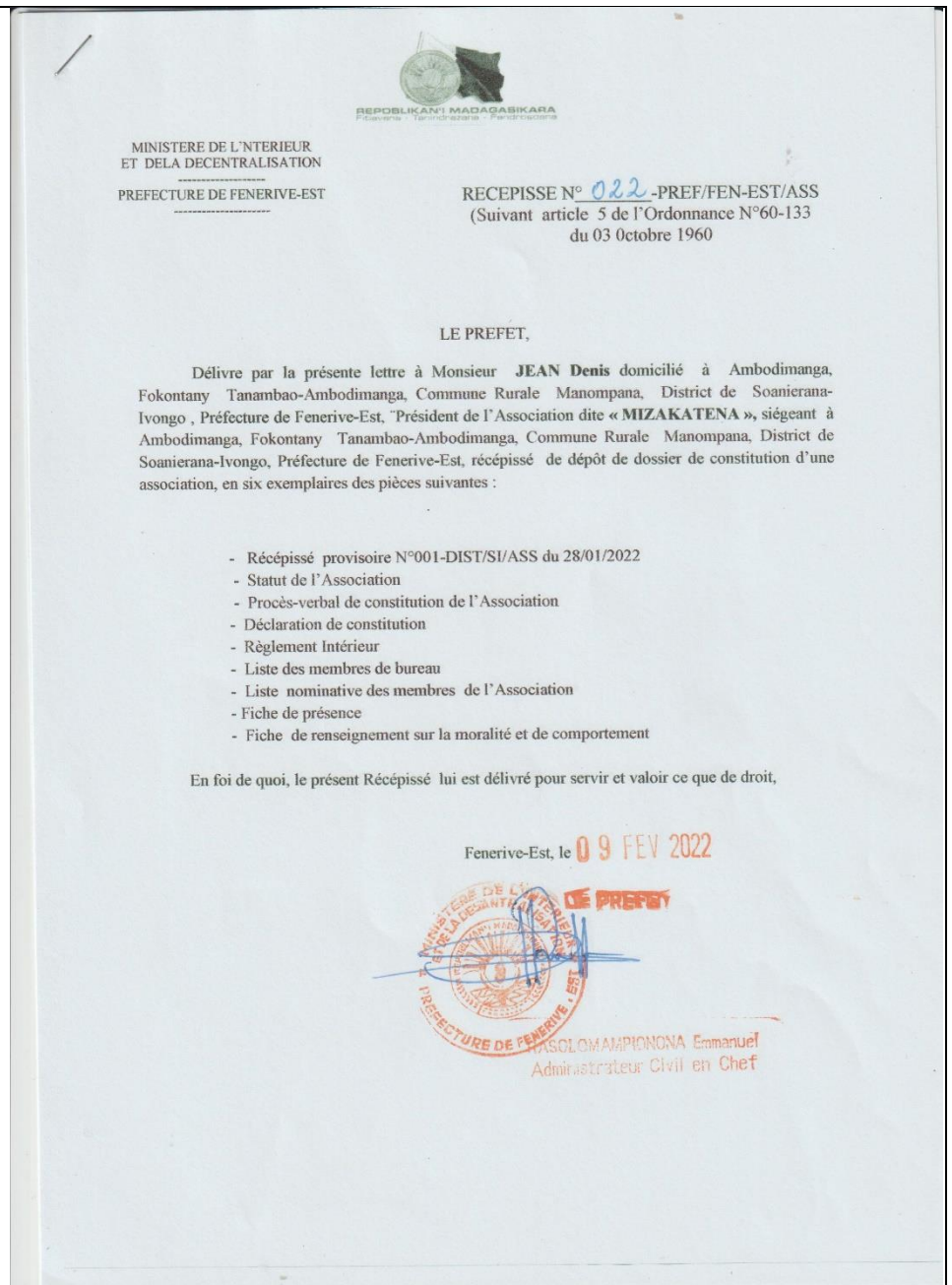


**Result1/**

**Activity 1.6 - Legalization of association**

Definitive Registration number from Prefecture for MIZAKATENA at Ambodimanga

Deliverable 4



**Activity I/Activity 1.7 -  
Coaching of association**

Minutes for training of  
members on fishing  
regulations and laws

Deliverable 5



MINISTÈRE DE LA PÊCHE ET DE  
L'ÉCONOMIE BLEUE  
ANTANANARIVO  
SECRETARIAT GENERAL

DIRECTION GENERAL  
DE L'ÉCONOMIE BLEUE

DIRECTION GENERAL DE LA  
PÊCHE ET AQUACULTURE  
SERVICE RÉGIONAL DE LA PÊCHE  
ET AQUACULTURE

**PROCES-VERBAL DE FORMATION DES PECHEURS SUR LA  
LEGISLATION DES ACTIVITES DE PECHE DANS LA ZONE DE  
POINTE A LARREE**

**Date :** 14 Décembre 2021

**Lieu :** Antsiraka, Fkt Antsiraka, CR Antanifotsy

**Participants :** Cf Fiche de Présence

L'an deux mil vingt et un, quatorze Décembre à quatorze heures, une formation a été menée à Antsiraka, Commune Rurale d'Antanifotsy sur les lois et réglementations régissant les activités de pêches, en particulier les petites pêches ou pêches traditionnelles.

Au début de la formation, un message de bienvenue a été présenté par l'Adjoint au maire de la Commune Rurale de Antanifotsy, Mme Voangy Justin, en mettant en exergue l'importance du soutien des activités des pêcheurs dans la zone de Pointe à Larree qui tient compte à la fois les enjeux de la conservation des ressources naturelles et la génération des revenus pour la population locale.

Les membres de trois Associations de pêcheurs étaient présents, TAFITA à Antsiraka (36 membres), MIARAMIENTANA à Ankitsinambo (25 membres) et MIZAKATENA à Ambodimanga (24 membres). La formation a été dirigée par des Représentants de la Direction Régionale de la Pêche et de l'Economie Bleue avec la participation des autorités locales (Commune Rurale de Manompana et d'Antanifotsy, Président Fokontany Antsiraka), des Représentants de la Direction Régionale de l'Environnement et du Développement Durable (DREDD) et du Cantonnement de l'Environnement et des Forêts et des techniciens de MBG. La formation a duré une demi-journée entière permettant aux participants d'échanger des bonnes pratiques, des expériences et de clarifier les lois et les réglementations relatives à des cas vécus par les pêcheurs dans la zone.

Des questions réponses ont été accordées et plus rien n'étant signalé à l'ordre du jour, l'Adjointe au Maire de la Commune Rurale d'Antanifotsy, Mme Voangy Justin, a clôturé la séance ce jour du 14 Décembre 2021 à 18h 25mn.

Fait à Fénérive-Est, le 14 Décembre 2021

Le Secrétaire de séance

Adolphe Lehavana



Le Président de la séance

Alina Marie Liva

**Result 3/Activity.3.1  
Identification of best  
designs for solar fish  
drier and efficient fuel  
wood drier (both  
alternatives will be  
trialled in each of the 3  
villages) and construction**

Minutes of the reception of  
the efficient fuel wood  
drier construction

Deliverable 7

Porteur de projet : MISSOURI BOTANICAL GARDEN PROJET : CONSTRUCTION DE TROIS FOURS ECONOMIQUES DANS LES VILLAGES ANTSIRAKA, ANKITSINAMBO, AMBODIMANGA	
PROCÈS VERBAL DE RÉCEPTION PROVISOIRE	
Responsable Volet du Développement MBG-PAL	Représentée par : RAZANAMIHARANA Hertine Nina   Signature
Nom et signature : (LE TITULAIRE)	Représentée par : MAHASAINA Landry Sylvano   Signature
Descriptif des travaux :	➤ Constructions de trois fours économiques
Date des travaux	Début : Lundi 10 Janvier 2022 / Fin : 26 Janvier 2022

ITEM	Désignations	U	QTT	Descriptifs	Remarques/Réserves
0	Travaux préliminaires				
0.1	Installation de Chantier	Fft	3	Amené des matériaux, des personelles, implantation et nettoyages et décapages	
0.2	Fouille	Fft	3	Fouille, recherche du bon sol pour la fondation.	
0.3	Ouvrage en infrastructure	Fft	3	Béton de propreté, Maçonnerie de Moellons pour les fondations, chainages	
0.4	Ouvrage en Superstructure et second œuvre	Fft	3	Tout ce qui concerne le corps du Four, Maçonnerie de briques, chainages, pose des portes, préparation des supports.	
0.5	Finitions	Fft	3	Nettoyage de l'ouvrage, enduits sur les chainages	
Date de réception		Réception provisoire : Mercredi 26 Janvier 2022			

Responsable Volet du Développement  
MBG-PAL.

Pour le Titulaire



RAZANAHARANA Hestine Nana

**Result 3/A.3.3 Training of women's group in use of driers**

Minutes of women's training sessions

Deliverable 5

FIRAKETANA ANIBORATRA Momba ny Fiofanana

Ny 19 ka hahamin' 23 volana Marsa 2022 dia nolanterahina teto Pointe à Lavee ny fiofanana mahakasika fanalazana laoka monarapentse, izay naboron' ny fikambanana mpanono ho (Miaramiantana sy Tafita). Ny solontenan' ny fikambanana FIMPATOMA ho azy any Mandriky no nampiofana nandritra ny 10 and

ireto azy ny zavatra natao nandritra ny fiofanana:

- Ny 14 ka hahamin' ny 18 volana Marsa 2022 dia natao tany Ankitsinambo ny fiofanana, izany hoe ny fikambanana Miaramiantana nanomboka fiofanana vialohany: Andro vialohan' sy faharoa dia nanao fanazavana ara-bava, sy ny andro fahatelo sy fahadimy dia ny fampiarana ny fomba ara-teknika momba ny fanalazana laoka.

- Ny 19 ka hahamin' ny 23 volana Marsa 2022 dia arjavan' ny fikambanana Tafita ny fiofanana manihina fi-nandritra ny fiofanana natao tao Antsinaka dia ory lazaina tsy de fotoana ny laoka, zany hoe, tsy nisy laoka nasaly; ka tsy manby natao an-boratra ny fiofanan nandritra ny dimy andro.

To fiofanana io dia nataon'ny solontenan'ny fikambarana  
FIMPATOMA noa avy any Mandruy, Commune  
Ambanivohitra Antananarivo; ary ny mpiofana dia  
ny fikambarana Mpanjono Koa ato La Pointe à Larue  
(Miramiantana sy Tafita).

Miara manao sonia eto ambary ny solontenan'ny  
mpampiofana sy ny filohan'ny Fikambarana  
mpanjono Koa.

Filohan'ny MIRAMIENTANA  
~~JP~~  
BERASON

Mpampiofana:  
MAMI Solaine  
⊕

Filohan'ny TAFITA  
~~D~~  
MASSAHE ponin

SASALY Hortence  
⊕

## Annex 3: Photos of activities with credits and legend/links.

*Please organise the information as per the results and activities as indicated in the project's logframe.*

<p>Result1/Activity A.1.1 Village meeting at Ambodimanga</p> <p>Fisher-folk Association members</p> <p>Credit: Hertine Nina Razanamiharana</p> <p>Deliverable 3</p>	
<p>Result1/Activity A.1.1 Village meeting at Ankitsinambo</p> <p>Fisher-folk Association members</p> <p>Credit: Hertine Nina Razanamiharana</p> <p>Deliverable 3</p>	



Result1/Activity A.1.1  
Village meeting at  
Antsiraka

Fisher-folk Association  
members

Credit: Angelos Stila  
Tianarifidy

Deliverable 3



Result 3: A.3.1  
Identification of best  
designs for efficient fuel  
wood drier

Members of the fisher-  
folk Association  
FIMPATOMA at  
Mandrisy

Photo Credit: Hertine  
Nina Razanamiharana

Deliverable 2



Result 3: A.3.1  
Identification of best  
designs for efficient fuel  
wood drier

Prototype of the efficient  
fuel wood drier at  
Mandrisy

Photo Credit: Hertine  
Nina Razanamiharana

*Deliverable 2*



Result1/Activity A.1.2  
Follow-on village  
meeting in each of the 3  
fisher-folk villages to  
debate structure of  
proposed association, to  
define various tasks to  
enable effective  
functioning and to elect  
committee members

Leraders of Association  
TARATRA at  
Ambodimanga

Credit: Hertine Nina  
Razanamiharana

Deliverable 5



Result1/Activity A.1.2  
Follow-on village meeting in each of the 3 fisher-folk villages to debate structure of proposed association, to define various tasks to enable effective functioning and to elect committee members

Leaders of Association MIARAMIENTANA at Akitsinambo

Credit: Hertine Nina Razanamiharan

Deliverable 5



Result1/Activity A.1.2  
Follow-on village meeting in each of the 3 fisher-folk villages to debate structure of proposed association, to define various tasks to enable effective functioning and to elect committee members

Leaders of Association TAFITA at Antsiraka

Credit: Hertine Nina Razanamiharana

Deliverable 5



A.2.1 All interested members of fisher-folk association trained in best practice for patrolling forest

Practical training session at Ankitsinambo

Credit: Missouri Botanical Garden

Deliverable 5



A.3.3 Training of women's group in use of driers

Seafood prepared to be dried in the economic drier

Photo Credit: Hertine Nina Razanamiharana

Deliverable 5



A.3.3 Training of women's group in use of driers

Practical training session how to dry fish using efficient wood drier

Photo Credit: Hertine Nina Razanamiharana

Deliverable 5



A.3.3 Training of women's group in use of driers

Dried fish after 2,5hours compared to 24h for traditional drier

Photo Credit: Hertine Nina Razanamiharana

Deliverable 5



**Result1/ Activity 1.7 -  
Coaching of  
association**

Picture taken after  
training session on  
Legislation of sea  
fishing and distribution  
of fishing cards

Credit: Missouri  
Botanical Garden

Deliverable 5



**Result1/ Activity 1.4 -  
General meeting to  
validate manual of  
procedures for  
association**

General assembly  
meeting for validation  
of manual of procedure  
for Association  
MIZAKATENA  
Ambodimanga

Credit: Missouri  
Botanical Garden

Deliverable 6



**Result 3/Activity.3.1**  
**Identification of best designs for solar fish drier and efficient fuel wood drier (both alternatives will be trialled in each of the 3 villages) and construction**

Picture of an efficient fuel wood drier

*Credit:* Missouri Botanical Garden

Deliverable 7



**Result 3/A.3.5 Women's group assure functioning of driers and receive compensation for their work**

A member of women's Association explaining the functioning of efficient fuel wood drier to visitors

*Credit:* Missouri Botanical Garden

Deliverable 7



**Result 3/Activity.3.1**  
**Identification of best designs for solar fish drier and efficient fuel wood drier (both alternatives will be trialled in each of the 3 villages) and construction**

Members of Association Tafita at Antsiraka preparing fish for drying

*Credit:* Missouri Botanical Garden

Deliverable 7



**Result 3/Activity.3.1**  
**Identification of best designs for solar fish drier and efficient fuel wood drier (both alternatives will be trialled in each of the 3 villages) and construction**

Dried fish from efficient fuel wood drier

*Credit:* Missouri Botanical Garden

Deliverable 7





**Result 3/A.3.7 Members of fisher-folk association receive compensation for their work in controlling invasive species (cutting stems and transport of woody biomass to the village for use in driers)**

Stock of *Melaleuca* (alien invasive tree) wood to be used in efficient fuel wood drier

*Credit:* Missouri Botanical Garden



**Result 3/A.3.7 Members of fisher-folk association receive compensation for their work in controlling invasive species (cutting stems and transport of woody biomass to the village for use in driers)**

A member of the Association Tafita at Antsiraka using wood of *Melaleuca* to dry fish

*Credit:* Missouri Botanical Garden

Deliverable 7



**Communication**

BIOPAMA exhibit during European Day event in Antananarivo (City Hall Plaza)

*Credit:* Missouri Botanical Garden



**Result 3/ Activity 3.7 - Members of fisher-folk associations receive compensation for their work in controlling invasive species (cutting stems and transport of woody biomass to the village for use in driers)**

- a) plot before removal of population of paper bark tree
- b) the same plot after removal of IAS

*Credit:* Missouri Botanical Garden



**Result 3/A.3.7 Members of fisher-folk association receive compensation for their work in controlling invasive species (cutting stems and transport of woody biomass to the village for use in driers)**

Women participating in removal of Invasive Alien trees

*Credit:* Missouri Botanical Garden

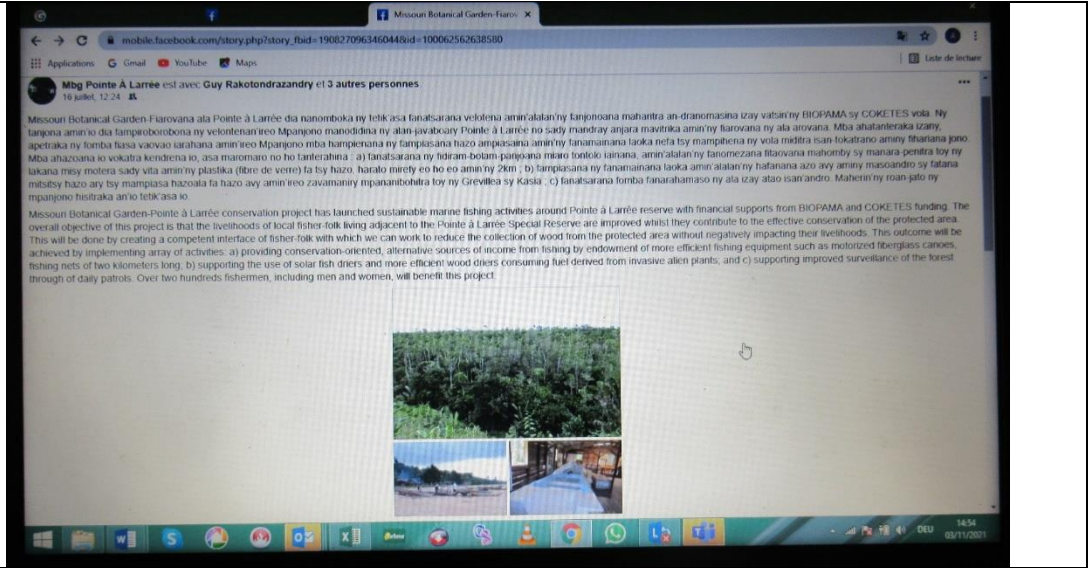


# Annex 4: Copy of supporting communication, visibility and branding activities documents (e.g. copy of press articles/ print screen of social media activities).

Please add document-resolution photos, etc. Do not insert original high-quality pictures but keep them in your records for potential other uses.

Please organise the information as per the results and activities as indicated in the project's logframe.

Project lunching in July 2021 on page Facebook of the site



Poster presented during European Day event outside the City Hall

## Mobilisation des pêcheurs pour contrôler la recrudescence de l'exploitation du bois à Pointe à Larrée, Madagascar

**Grant:** RRG-SA-1032  
**Durée:** 12 mois (Avril 2021 à Mars 2022) avec une extension de trois mois (Avril – Juin 2022)



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Nina Razanamiharana, Chef de volet développement, Missouri Botanical Garden  
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### Localisation de la zone d'intervention du projet BIOPAMA

- La Réserve Spéciale de Pointe à Larrée se trouve à cheval entre la commune rurale de Manompana et d'Antanifotsy, dans le District de Soanierana Ivongo, Région Analanjirofo, à l'opposée de l'île de Sainte Marie.
- L'Aire Protégée a bénéficié un statut de création définitive suivant le décret: 2015-773 du 28 Avril 2015.
- Le projet BIOPAMA est mis en œuvre dans trois villages le long du littoral (Antsiraka, Ankitsinambo, Andasivoalavo) avec le cofinancement du projet COKETES/MEDD/GEF/ONU-Environnement








### Résultat 1: Formalisation des Associations et renforcement des capacités des pêcheurs




- Trois Associations sont formalisées, regroupant 236 membres dont 160 hommes et 76 femmes
- Des modules de formations dispensés pour les Dirigeants et les membres (formation fonctionnelle, législation sur l'activité de pêche maritime, technique de séchage de poissons, technique de contrôle forestier)
- Les trois Associations intégrées et devenues membres du Réseau MIHARI
- Un manuel de procédure élaboré pour chaque Association à l'usage des Dirigeants et les membres
- 102 cartes pêcheurs distribuées aux membres











Posters presented during European Day event in Antananarivo

**Objectifs du projet:**

- Augmentation de revenu \$125/an issue de l'activité de pêche ;
- Réduction du taux d'exploitation de bois d'espèces autochtones au bout d'un ans .




**Stratégies :**

- Engager les pêcheurs aux techniques de pêche plus performantes compatibles à la conservation durable des ressources naturelles
- Promouvoir l'utilisations des fours économiques en bois utilisant des espèces invasives pour séchage de poissons
- Faire participer les pêcheurs aux patrouilles et surveillance collective de forêt

**Activités:**

- Formalisation des Associations et renforcement des capacités des pêcheurs
- Renforcement des actions de surveillance forestière
- Soutiens en matériels/équipements et techniques des pêcheurs pour accroître la productivité de la pêche maritime



**Resultat2: Renforcement des actions de surveillance forestière**



- Quatre patrouilles hebdomadaires/Association réalisées
- De Avril à Décembre 2021, réduction de 72% de pressions sur les forêts protégées, tendant à zéro coupe illicite dans la Reserve en Mars 2022.
- Participation active des pêcheurs à l'enlèvement des pieds de Melaleuca (niaouli), espèce envahissante dans la Reserve Spéciale de Pointe à Larrée



**Resultat3: Soutien à l'amélioration de revenu des pêcheurs**






- Une pirogue à moteur, 1800m de filets avec accessoires dotés aux Associations
- Un four économique par Association octroyé avec une économie en bois jusqu'à 70% comparé à la méthode traditionnelle
- Réduction 75% de dépenses pour séchage de poissons et en temps investi (durée de séchage 1-2h pour four économique contre 24h pour la méthode de séchage traditionnelle).
- Trois Associations féminines créés en charge de la gestion des fours économiques.

**Remerciements:**

Nous adressons nos vifs remerciements aux Bailleurs de Fonds (BIOPAMA, GEF/ONU-Environnement/COKETES à travers MEDD) qui ont financement bien voulu soutenir le présent projet



← Mbg Pointe À Larrée



Ninah Hertine ► Mbg Pointe À Larrée

8 mai 2022 · 🌐

Le jour du 05 Mai 2022, l'Union Européenne a organisé une journée spéciale pour tous les projets financés auquel MBG a participé. Durant l'évènement, une quarantaine de projets ont été présentées dont « Soutien de la pêche maritime autour de Pointe à Larrée », géré par MBG et soutenu financièrement par BIOPAMA avec le co-financement du projet COKETES. Ce projet vise également à réduire les pressions sur la Reserve de Pointe à Larrée. Les gens sont particulièrement impressionnés par le four économique en bois et de son efficacité. Trois (03) projets financés par BIOPAMA ont été également présentées . - à **Antananarivo**, avec **Adolphe Lehavana** et 2 autres personnes.




Communication

Social media publications related to efficient fuel wood driers

11:14

← Mbg Pointe À Larrée

 **Mbg Pointe À Larrée** est avec **Adolphe Lehavana** et 4 autres personnes.  
3 juil. 2022 · 88

Koa mihamaro ny Mpanjono tonga eny Pointe à Larrée nandritra izay telo taona lasa zay, mitombo ihany koa ny filana kakazo hanamainana laoka (trondro). Miteraka tsindry eo amin'ny Ala Arovana izany fiakaranay filana izany. Manoloana izany, nitady vahaolana ny tetikasa MBG mba hampihenana ny hazo ilaina amin'ny fanalazana laoka dia nanolotra laforo mitsisy hazo isan-tanana mpanjono manodidina, izay novatsin'ny Tetikasa BIOPAMA (IUCN) sy COKETES (GEF/ONU-Environnement) vola. Nahomby ny izany paikady izany, ireto ny tombony amin'ny fampiasana fitaovana vaovao:

1. Mihena hatrany amin'ny 60% ny hazo ampiasaina raha ampitahaina amin'ny amin'ny fomba nentim-paharazana;
2. Raha 24 ora no manamaina mahazatra dia 1-2ora dia efa maina amin'ity fitaovana vaovaoa ity;
3. Mihena ny fotoana lany ho an'ny Mpanamaina laoka satria tsy mila ambenana ny laforo fa afaka manao asa hafa dia miverina afaka 1ora;
4. Tsy atahorana hiredaka ny afo ao anaty laforo;
5. Mihena hatrany aminy 1/3 ny vola lany

11:16

← Mbg Pointe À Larrée

4. Tsy atahorana hiredaka ny afo ao anaty laforo;
5. Mihena hatrany aminy 1/3 ny vola lany miohatra amin'ny mahazatra (fividianana kitay);
6. Tsara de tsara ny laoka maina somary miloko volamena araka hitantsika amin'ny sary ireo.

Mankasitraka namana mpiaramiasa rehetra: equipe DREDD, DRPE, communes, amin'ny fifanampiana.



Noëla Tiavina et 75 autres personnes

76 34

Literature:

MPRH (Ministere de la Pêche et des Ressources Halieutiques) (2012). *Enquete Cadre Nationale (2011-2012)*. PACP. 122pp



