



The Feedback Trust
Scottish Charity No. SC023568

Renovation of the Antandindo Health Centre in Madagascar

(FF 480-01)

Final report

October 2019

**Feedback Madagascar/Ny Tanintsika (FBM/NT) –
The Eagle Foundation**

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Introduction

The Eagle Foundation agreed to fund a total of £3,424 for the project to renovate the Antandindo Health Centre in Nangaiha village Antandindo neighbourhood, Ambohimahamasina rural municipality in Ambalavao District, Haute Matsiatra Region, SE Madagascar, Africa. This involved the repairing, refurbishing and equipment of the Health Centre, including renovation of rainwater catchment system/ hand-washing unit.

The funding agreement with the Eagle Foundation, dated 8th February 2019, was signed by the FBM UK administrator. The funds were already with FBM/NT in Madagascar since they relate to the underspends on 3 previous projects; FF 405, 406 and 430. The expected period of the project was from March to May 2019.

Project location

Antandindo Health Centre is located 107 km by road and footpath from Fianarantsoa; 56 km south on the main road (RN7) to Ambalavao, then 39 km on a secondary road southeast of Ambalavao to Ambohimahamasina before a 12 km walk from the centre of Ambohimahamasina to the village. This village overlooks the rainforest which is part of the new protected area 'COFAV' (rainforest corridor Ambositra-Vondrozo), and serves communities living in and around it.

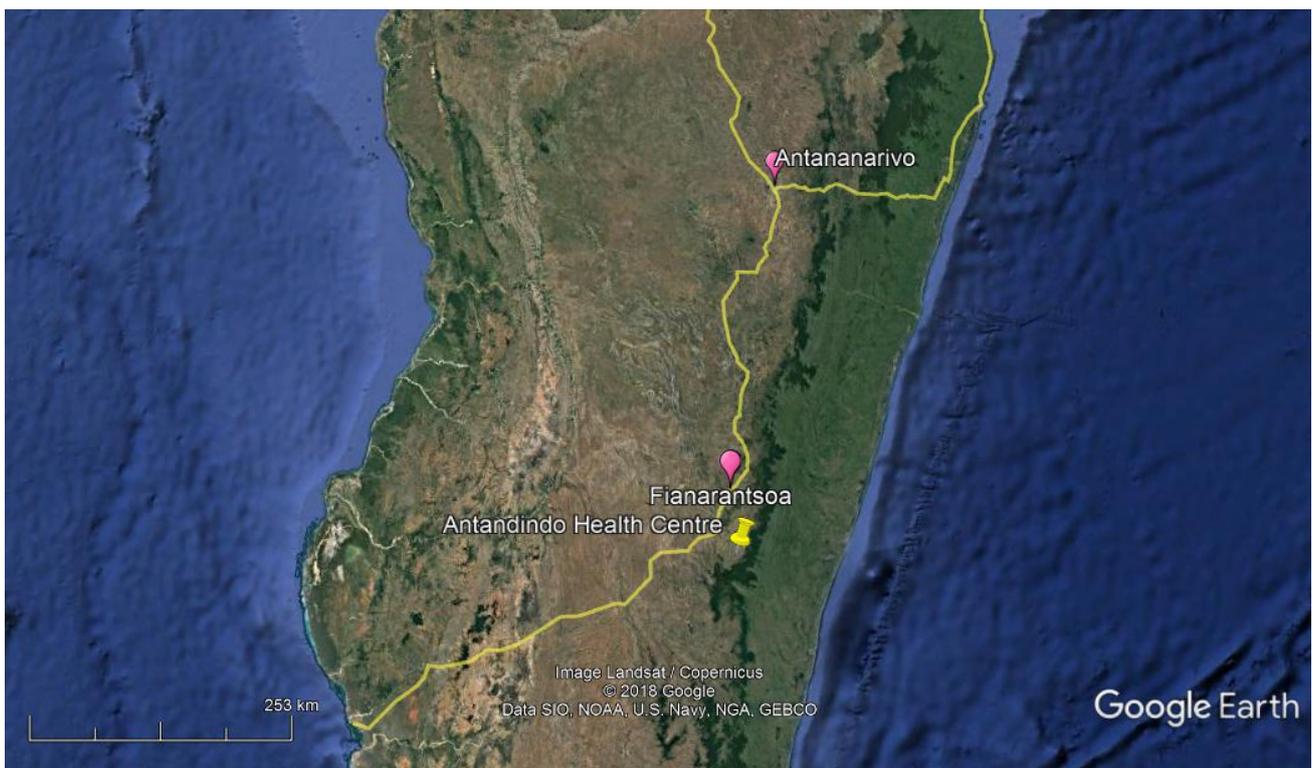


Figure 1: Map locating Antandindo Health Centre in relation to the capital city Antananarivo and FBM/NT's regional office in Fianarantsoa

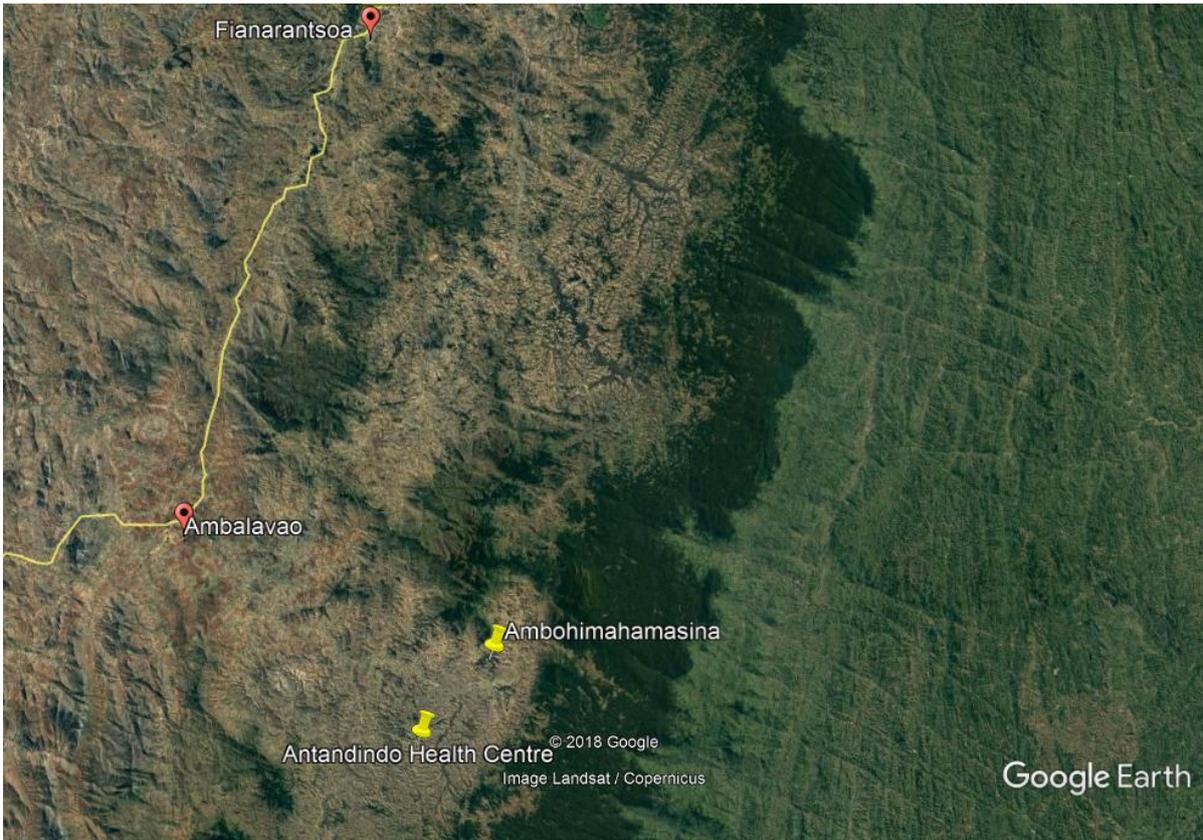


Figure 2: Map showing where the Antandindo Health Centre is located in relation to Fianarantsoa (regional centre) and Ambalavao (the district centre), Ambohimahasina (the centre of this rural municipality) and the rainforest 'corridor'.



Figure 3: Map showing the site project of Antandindo Health Centre close-up, and Nangaiha village.

Geographical coordinates: Latitude: 22°00'10.29"S Longitude: 47°07'41.90"E Altitude: 561m

Calendar of achievements

| Activity | 2019 | | | | | | | | | | | |
|---|------|-----|-----|-----|-----|------|------|-----|------|-----|-----|-----|
| | Jan | Feb | Mar | Apr | May | June | July | Aug | Sept | Oct | Nov | Dec |
| Travel to the project site to carry out updated damage assessment and to develop an action plan with the local community and health centre staff. | | | | | X | | | | | | | |
| Beginning of the renovation work at the health centre. | | | | | X | | | | | | | |
| Official reception of the renovated Health Centre by the project beneficiaries. | | | | | | X | | | | | | |
| Official reception of the equipment donation by the project beneficiaries (main delivery). | | | | | | X | | | | | | |
| Reception of the remaining equipment donated by project beneficiaries, including the solar panel and electricity installation at the health centre. | | | | | | | | | | X | | |



Figure 4: Reception of the bed-side tables, metal beds and wooden benches by some of the beneficiaries.



Figure 5: Reception of the shelving and hygiene equipment for the Health Centre by the midwife at the Antandindo Health Centre I and a community member.

Details on the project

Following the written request sent by the population of Antandindo asking for help for the renovation of their Health Centre, Ny Tanintsika project's team and 6 workers (hired by FBM/NT) travelled to the project site on the 21st May 2019 to carry out an updated assessment of the situation and required repair and renovation work.

The work started on the 30th May 2019 and comprised renovating the main building comprising 3 rooms: Office, birth delivery & healthcare rooms.

To sum up, work involved:

- Painting the roof;
- Reinforcing the roof;
- Rendering the interior and exterior walls;
- Painting the interior and exterior of the building (water-based paint);
- Repairing the interior and exterior cement flooring;
- Replacing the veranda's ceiling;
- Replacing the PVC down-pipes linked to the rainwater harvesting system;
- Repairing the interior and exterior of the impluvium rainwater catchment tank (rendering);
- Re-linking the rainwater collection tank to the tap-stand;
- Installation of a new faucet to the tap-stand;
- Painting the doors and the windows of the health centre;
- Replacing the fascia board;
- And other details which required repairing.

The FBM/NT team were in charge of transporting all required materials to the site by truck, so the following were local community contributions:

- Unloading the materials transported from Fianarantsoa;
- Checking and storing the materials during the project period;
- Carrying sand and round wood for scaffolding;
- Fetching water required during the renovation work.

We observed that the community health agents had a very high level of participation.

The official reception of the renovated Health Centre by the beneficiaries was on the 18th June 2019. This was attended by the Chief medical officer of Antandindo Health Centre I, municipality representatives from Ambohimahasina, FBM/NT, the builders and community representatives.

During the acceptance of works ceremony, the equipment that was provided to the Health Centre were presented, which, as detailed in the file form, previously only had a birthing table, one desk and one visitor's bench. The following equipment were provided:

- 3 metal beds with 3 hospital-quality mattresses and equipped with mosquito nets;
- 3 bed-side tables;
- 6 wooden benches;

- 5 wooden chairs;
- A big shelving unit;
- 1 set of weighing scales to weigh babies and one for adults;
- A solar panel powering a new electrical installation at the health centre;
- Hygiene equipment: 5 15-litre plastics buckets, 5 10-litre plastics buckets, 5 1-litre plastic jugs, 5 nylon brushes and 5 brooms.

After the ceremony, an inventory was carried out of the remaining materials used during the renovation. There were 10 bags of cement and about 10 kg of white paint remaining. It was decided that they be used to re-floor the health centre's kitchen and renovate the community agent's office.

Thanks were given to NT/FBM and the Eagle Foundation during the authorities' speech.



Figure 6: The midwife carrying out a consultation at Antandindo Health Centre, July 2019.

Difficulties encountered

Very few difficulties were encountered during the course of this project. The main hindrance was the absence of the health centre staff for some of the period, particularly during the hand-over period to the new Doctor who has been appointed to work there.

However, there were also delays to orders of equipment for the health centre, notably the solar panel, which held up the total completion of work and delayed this final report.

Project beneficiaries

Direct beneficiaries are the population of approximately 4,298 people who are served by this health centre (principally the population of three neighbourhoods in the southern part of the Ambohimahamasina municipality and also certain areas of neighbouring municipalities).

Also, staff at this health centre (since October, a newly-appointed Doctor as well as a midwife) and community health educator volunteers who collaborate with the centre.

Indirect beneficiaries are the population of Ambohimahamasina municipality (around 30,000), divided into 13 neighbourhoods. Also visiting traders/ seasonal workers in the area, who come mainly from the western side of the rainforest in the Ambohimahamasina area, and the staff of the health centre in central Ambohimahamasina - who will have part of their workload alleviated.



Figure 7: Beneficiaries and workers outside the health centre.

Expenditure summary

| Budget line | Total (Ar) | Total (£) | Expenditure | Balance |
|-----------------------|----------------------|-----------------|----------------------|--------------------|
| Building material | 5,822,000.00 | 1,353.95 | 3,982,800.00 | 1,839,200.00 |
| Equipment & furniture | 5,048,000.00 | 1,173.95 | 7,435,815.00 | - 2,387,815.00 |
| Transport | 600,000.00 | 139.53 | 795,000.00 | - 195,000.00 |
| Labour | 2,100,000.00 | 488.37 | 2,300,000.00 | - 200,000.00 |
| Overheads | 1,152,285.00 | 267.97 | 255,550.00 | 896,735.00 |
| Total | 14,722,285.00 | 3,423.79 | 14,769,165.00 | - 46,880.00 |

A detailed expenditure report is attached.

Conclusion

This project has been a big success. Highly dilapidated buildings have been completely transformed into an attractive and functional health centre. An improved working environment at the health centre will contribute to keeping the health agents motivated in such a remote village, and will help maximise their work hours and performance. Ultimately, the local community will benefit from better healthcare services at their local health centre, leading to improved well-being.

This project has provided immediate and collective benefits for the local community, and has further solidified a mutual trust and commitment to other development and environmental goals including rainforest conservation. In this way, the impact of this project goes far and beyond its immediate and obvious effect on improving access to healthcare services.



Figure 8: Grateful beneficiaries in front of the renovated Health Centre.

Thank-you the Eagle Foundation for funding this project!

Appendix 1: Photos showing renovations at the Health Centre



New cement flooring



The renovated impluvium rainwater catchment system



The newly-renovated and functional tap-stand, linked to the rainwater catchment system.



New beds and mattresses.



Renovated health centre building.



New benches and shelving.



Installing the solar panel and electricity.



The battery installation (above) and lighting in the health centre.





Appendix 2: Thank-you letter from the community

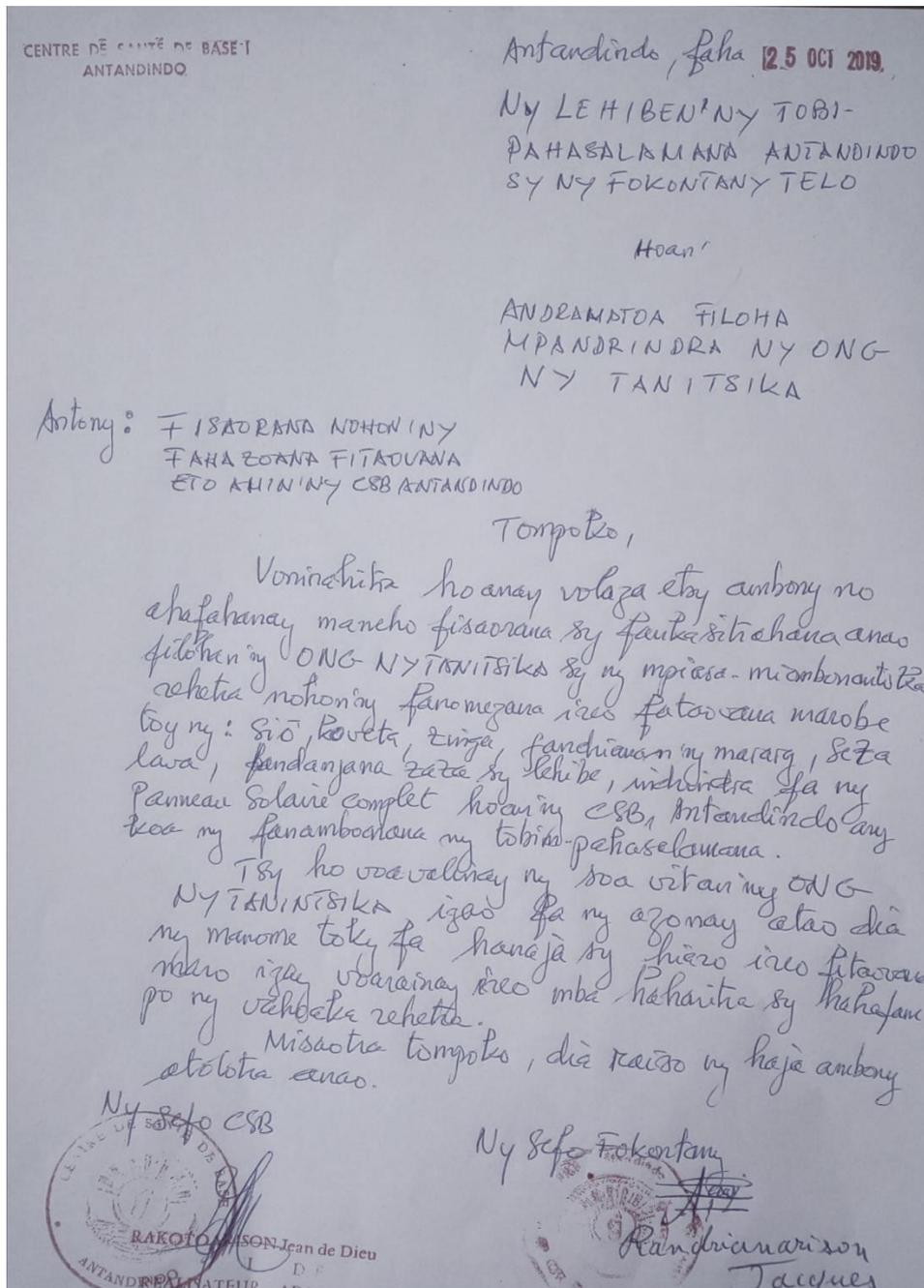
TRANSLATION: "Objet: Thank-you for giving us equipment for our health centre.

It is our pleasure to express our thanks and gratitude to you and your partners for giving us all the various equipment such as buckets, bowls, jugs, beds for the sick, benches, weighing scales for children and adults, and in particular the solar panel, and for having repaired the Antandindo Health Centre.

We can never repay you for these good deeds but what we can do is promise to respect and look after the equipment so that they will last a long time and will bring lasting benefits to all the local population.

Thank you."

Signed by the head of Antandindo Health Centre and a representative of the chiefs of 3 neighbourhoods served by it.



Appendix 3: Minutes of the technical acceptance of works

FITANANA AN-TSORATRA NY FANDRAISANA NY ASA
FANATSIARANA NY CSB, ANTANDINDO, Fkt
C/R AMBOHIMAHAMASINA

Androany faha 18/06/2019 tamin'ny Mora
atrandro dia tonga teto an-tserana ireto
olona mararaka ireto mba hitsara sy handray
ny asa fanatsarana ny CSB, Antandindo:

- RABIALAHY Ferdinand, Solon-tenan'ny C/R Amb/sina
- RAZAFY Samuel, chef Fokontany Antandindo
- RAMANANDRAIBE A.N. Sehero, Mpampivelona eto CSB
- MAHATAMANA Lafimanahaka, Solon-tenan'ny ONG ny tanintsika

ary ireo fokonolona mpahazo tombotsoa.

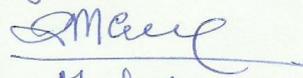
Rehefa avy nijery ny asa araka ny kalitas
izay napetraka ny rehetra dia niara-naraity
fa nanaraka ny fenitra nifanarahana ny asa,
ka iarahana manao sonia eto ambany.

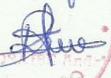
Nifaranana tamin'ny kabary fibarana ny
lanonana:

Solontenan'ny
C/R.

Rabialahy Ferdinand.


chef fkt
P. mf
ANTANDINDO
RAZAFY Samuel

chy tanintsika

Mahatamana, Z.


Ny chef CSB

LEVRE DE SANTE DE BANG
ANTANDINDO
Etat
Adjoint

