

## Final Evaluation Report

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Your Details	
Full Name	Emma Gibbons
Project Title	Reef Doctor Fano (marine turtle) project; Community-Based Natural Resource Management in Atsimo-Andrefana (South-west) Madagascar
Application ID	23714-C
Grant Amount	14,942
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Date of this Report	26th February 2020

1. Indicate the level of achievement of the project's original objectives and include any relevant comments on factors affecting this.

Objective	Not achieved	Partially achieved	Fully achieved	Comments
<b>Sustainable livelihoods:</b> 80 households commence aquaculture activities.				The aquaculture project is still under expansion. The development of the regional aquaculture platform provides farmer protection and access to funding for expansion through the 'ASSOCIATION POUR LA PROMOTION D'UNE AQUACULTURE INCLUSIVE ET DURABLE'-Association for the promotion of sustainable aquaculture ( <a href="https://www.ihsm.mg/Files/Other/Article%20coral%20aqua%20Mada%20Light.pdf">https://www.ihsm.mg/Files/Other/Article%20coral%20aqua%20Mada%20Light.pdf</a> <a href="https://news.mongabay.com/2017/11/fish-vs-forests-madagascars-marine-conservation-boom/">https://news.mongabay.com/2017/11/fish-vs-forests-madagascars-marine-conservation-boom/</a> ) Households currently involved in aquaculture through the Reef Doctor programme exceeds 300 (600 women and men).
<b>Sustainable livelihoods:</b> Workshop on aquaculture techniques				This has instigated a larger programme encompassing multi-sector /multi-agency investment.
<b>Sustainable livelihoods:</b> Education Information and Communication (EIC) material promoting best practice.				This has instigated a larger programme encompassing multi-sector /multi-agency investment,
<b>Turtle protection:</b> Marine turtle education program delivered to 1,300 students from 13 schools.				Achieved through the mayor-supported teacher development platform for the commune of Belanda.
<b>Turtle protection:</b> Increased FIMPAMIFA presence, workshops and meetings, expanding association network.				
<b>Turtle protection:</b> Minimum 4 community members trained in basic data collection.				Over 700 marine turtles tagged and released.

<b>Turtle protection:</b> Continuous biological monitoring of the marine turtle fishery.				Submitted to the multi-species fisheries evaluation for the region with the Institute of Research for Development (IRD) - University of Toliara and University of La Réunion.
<b>Turtle protection:</b> Reversal of the currently increasing rate of turtle mortality in the fishery.				The organisation achieved positive results with the community. Excessive drought and lack of food security increased migration of the people into our region. This resulted in a decline in the multi-species fishery (average CPUE of 1kg per person per day) and thus negatively impacted the marine turtle fishery.
<b>Social mobilisation and capacity development:</b> Association training in good governance, financial accounting and adult education				Working with the catholic diocese for development, Reef Doctor provided training in governance, accounting and adult education.
<b>Expansion of seagrass protected area:</b> 246 hectares afforded complete protection from destructive fishing methods.				Including the protected area, Reef Doctor conducted the first seagrass transplantation pilot project in Madagascar.

**2. Please explain any unforeseen difficulties that arose during the project and how these were tackled.**

Collaboration is the key to any regional conservation and development strategy. Strengthening partnerships with WWF, WCS, Blue Ventures, and catholic relief services has provided the foundation for regional change and mobilisation.

**3. Briefly describe the three most important outcomes of your project.**

- Community buy-in, strengthening the participation of communities into the development and implementation of projects.
- Partnership collaborations, providing transparency, transfer of knowledge, and project support.
- Development of the environmental education platform, gaining a greater understanding of the issues faced by the community and addressing those issues in a positive way.

**4. Briefly describe the involvement of local communities and how they have benefitted from the project.**

- Aquaculture: provision of over 300 secure, income-generating aquaculture livelihoods for the local community, has provided the platform to promote conservation and biodiversity protection.

- Marine turtle protection: community monitors tagged-and-released of over 700 marine turtles during the lifespan of the project.
- Seagrass: Combining the protected areas with active rehabilitation, the seagrass 're-planting' project was administered by the community for the benefit of the community.

**5. Are there any plans to continue this work?**

Yes, Reef Doctor registered as a Malagasy NGO in 2019 and received the certificate of existence in 2020. The objective is to drive the community on conservation and development pathway to change.

**6. How do you plan to share the results of your work with others?**

Through the local, regional, and national network developed during the project.

**7. Timescale: Over what period was the grant used? How does this compare to the anticipated or actual length of the project?**

12 months

**8. Budget: Provide a breakdown of budgeted versus actual expenditure and the reasons for any differences. All figures should be in £ sterling, indicating the local exchange rate used. It is important that you retain the management accounts and all paid invoices relating to the project for at least 2 years as these may be required for inspection at our discretion.**

Accounting and budget information is available on request.

Item	Budgeted Amount	Actual Amount	Difference	Comments
Community meetings	160	160		
Marker boys	1,004	1,004		
Information awareness	500	839		
Aquaculture materials	4,000	4,000		
Aquaculture community training	500	550	+50	
Aquaculture certificate	528	478	-50	
Training in turtle monitoring	200	200		
Turtle monitoring equipment	400	400		
Community turtle monitoring salary	650	650		
Association training	1,000	1,000		
Development of association action plan	250	250		
Adult education workshop	1,500	1,500		
Development of marine turtle education curriculum	200	200		
Training of turtle educators	150	150		

Delivery of education program	1,500	1,500		
Education packs	1,200	1,200		
Turtle teachers' salaries	1,200	1,200		
<b>TOTALS</b>	<b>14,942</b>	<b>14,942</b>		

**9. Looking ahead, what do you feel are the important next steps?**

Through the holistic approach that incorporates community, education and direction conservation action, this project has achieved meaningful and lasting conservation outcomes for marine turtle populations in the region. Reef Doctor will continue to support the community in the sustainable management of marine resources for the future of the coastal people.

**10. Did you use The Rufford Foundation logo in any materials produced in relation to this project? Did the Foundation receive any publicity during the course of your work?**

Yes.

**11. Please provide a full list of all the members of your team and briefly what was their role in the project.**

**Project manager:** to oversee the administration of the project funds.

**Technicians:** to provide support and training to the project affected people, increasing household income for sustainable development.

**Educators:** to deliver the education programs to all children of school age through direct activities and learning-through-play.

**Monitors:** collection of data, tagging-and-release programme.

**12. Any other comments?**

Reef Doctor sincerely thanks The Rufford Foundation for their continued support over the lifetime of the project and beyond.