



ICRI Member's Report

Madagascar

Reporting period December 2017 – November 2018

1. **Reporting on the ICRI Plan of Action 2016-2018.** *Your responses will help inform the Secretariat about members' contributions toward the previous Plan of Action.*

a. **Please list any relevant examples from your organisation/country of investment/projects to protect and restore the natural infrastructure of reefs and mangroves.** (See Goal (1) 2 [ICRI Recommendation for supporting investments in the natural infrastructure of reefs and mangroves to increase climate resilience](#)).

- coral restoration (Nosy Be, Great Toliara Reef, Toamasina)
- mangrove restoration
- Protection of reefs and mangroves by transfer of management of reefs and mangroves to local communities

b. **Has your organisation/country made any progress in the following areas to target anthropogenic pressures?** Please give detail below. Note: If no change since your last ICRI member report, please write 'no change'.

Encourage ban of plastic microbeads in cosmetic products. (See Goal (3) 2 & [See ICRI Recommendation to reduce plastic microbeads pollution in marine environment](#)): NO

Improve regulation and enforcement to reduce direct anthropogenic damage due to dredging and physical alteration of reef structures. (See Goal (3) 3 & [ICRI Recommendation to reduce damage due to dredging and dumping on coral reefs](#)): NO

Deployment of mooring devices limiting the mechanical destruction of coral reefs and seagrasses. (See Goal (3) 4). NO

c. **Did your organisation/country celebrate International Year of the Reef?** Please give details below. (See Goal (5) 1 & [ICRI Recommendation designating 2018 as the third International Year of the Reef](#)):

- sensitization of local communities to Ampitsopitsoka (April 2018)
- environmental education of students in Mahajanga (March 2018)
- Environmental Education of IHSM Toliara Academics (December 2018)

- Awareness of the general public through exhibitions (Information Day on Climate Change in Mahajanga (April 2018), Europe Day in Antananarivo (June 2018))
- coral restoration at the Grand Tuléar Reef (October 2018)
- reinforcement of the technical capacity of the biologists on the coral bleaching organized by WCS in Antananarivo (December 2018)
- management transfer from reef areas to grassroots communities (December 2018)

2. Contribution to the ICRI Plan of Action 2018-2020 and upcoming ICRI general meetings. *Your responses to the following questions will assist the Secretariat in assessing contributions towards the major themes of the draft ICRI Plan of Action 2018-2020.*

Theme 1 – Promote effective and adaptable solutions to improve the protection of coral reefs

a. **Which of the below topics do you consider to be the three top challenges that your organisation faces in managing coral reefs?** Please select from the options below:

- Climate change impacts **YES**
- Inadequate planning, zoning and management **YES**
- Unsustainable resource extraction
- Tourism and recreation
- Shipping
- Coastal development
- Dredging
- Illegal and destructive fishing
- Fish and coral trade
- Marine debris
- Other. Please specify: **Off shore exploration**

b. **Please list any examples of innovative management practices that your organisation/country is involved in, such as use of VMS, drones & ecological mooring devices.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible. **NO**

c. **Please list any examples of innovative funding for management that your organisation/country is involved in.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible. **NO Data**

d. **Please list any examples of leading practices, techniques and strategies for building reef resilience that your organisation/country is involved in.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible. **NO Data**

- e. **Please list any examples of leading practice reef restoration mechanisms that your organisation/country is involved in.** Include their limits, conditions of implementation, financing and an assessment of their results and links for more information if possible.

currently used: transplantation. Source of funding: WWF, European Union, Private Investors (Port of Toamasina),

Theme 3 – Support communities reliant on coral reefs

- f. **Is sustainable tourism development a significant challenge for your organisation?** If so please include detail below of the kinds of challenges faced and your strategies to deal with them.

- Lack of awareness of Destination Madagascar → promotion of Madagascar through its unique terrestrial and marine biodiversity
- The product Scuba diving still limited in the Region of Nosy Be and Toliara → Valorization of other potential sites (Sainte Marie, Toamasina, Dolphin Fort, Bay of Antogil, Diégo Suarez, Mahajanga) with the Tourist Office
- Degradation of reef areas with ecotourism potential → reinforcement of conservation actions of Marine Protected Areas and LMMAs
- Impacts of benefits on tourism not visible at the level of certain communities → Socio-economic development with the Rights of Entry to Protected Areas

- g. **Is your organisation involved in activities to raise awareness and encourage action to support communities reliant on coral reefs?** Please include details below.

- Sensitization of communities by NGOs and MPA managers
- Involvement of communities in reef management by LMMA and MPA category V and VI,
- Ecological monitoring and community monitoring
- Support to the socio-economic development of riverside communities:
 - o Algoculture, trepang rearing (South zone)
 - o Establishment of FADs (Mahajanga)
 - o Strengthening the technical and material capacity of tributary communities in the conservation and processing of fish products
 - o Social support (health, education)

Theme 4 – Help to reduce anthropogenic threats to coral reefs, particularly those that occur at a global or regional scale

- h. **What activities is your organisation involved in to elevate awareness of the global nature of the threat of climate change to coral reefs?** Please include details below

awareness of the threat of climate change for coral reefs is realized through climate change exhibitions and climate change adaptation projects

- i. **Has your organisation made any progress in dealing with destructive fishing and trade?** Please include details below.

Yes, the new legislation (the Fisheries Code and the Code of Protected Areas) protects more against fishing and destructive trade.

- j. **Has your organisation made any progress in dealing with marine debris?**
Please include details below. **NO**

3. **Would you like to report on your activities during the ICRI GM?** Please give details below.

Y / N **NO**

4. **International events.** Please list any upcoming international events relevant to ICRI which someone from your organisation plans to attend in 2018-2019.

- ICRI GM, Monaco, 5-7 Dec 2018
- Conference of the Parties to the United Nations Framework Convention on Climate Change, 3-14 Dec 2018
- Reef Futures 2018: A Coral Restoration and Intervention-Science Symposium, Florida, 10-14 Dec 2018
- Global World Heritage Marine Managers meeting, Alaska, US, 26-31 May 2019

Other:

5. **Publications.** Please list relevant publications and reports you have released during this reporting period.

National Report of statut of coral reef in the Western Ocean Indian

6. **ICRI Member Feedback.** What do you find most valuable about the ICRI member reports? If you have any ideas for improvement please list below:

7. **General Information.** (Note that this information will be posted on the ICRI website on your member page: <http://www.icriforum.org/about-icri/members-networks>.)

Member type (Country / Organisation):	Ministry of Environment, Ecology and Forest MADAGASCAR
Focal Point 1:	
<i>Name:</i>	IHANDO ANDRIANJAFY
<i>Title/Organisation:</i>	CHEF DE SERVICE REGIONAL DE L'ENVIRONNEMENT BOENY MINISTERE DE L'ENVIRONNEMENT, DE L'ECOLOGIE ET DES FORETS
<i>Email:</i>	lhando.niaina@gmail.com
Focal Point 2:	
<i>Name:</i>	
<i>Title/Organisation:</i>	
<i>Email:</i>	