

# National Oil Spill Preparedness Status For **MADAGASCAR**



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# PLAN

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- I. Authorities
  - II. National Oil Spill Contingency Plan
  - III. Marine Spill Risks
    - \* Shipping
    - \* Environmental mapping
  - IV. Response strategies
    - \* Dispersant
    - \* Scat
    - \* National waste management
  - V. Response Resources
    - \* Equipment
    - \* Training
  - VI. Transboundary Aspects
    - \* Trans-boundary supports
    - \* National perspectives
    - \* Agreements

# I. Authorities

\* **National Competent Authority:** Ministry of Environment and sustainable Development

\* **Operational Authority:** OLEP

OLEP : Organe de Lutte contre les Evénements de Pollution par les Hydrocarbures,

- created by Decree No. 2004-994 of 26 October 2004

Mission: prepare and coordinate operations to combat Pollution by oilspill in the marine and coastal environment

\* **Requesting assistance:** Prime minister or Foreign minister



# II. National Oil Spill Contingency Plan

“Plan de lutte de la république de Madagascar”

- \* 1<sup>st</sup> draft: 2009, last updated: 2017
- \* Under the law N° 2004-019, (implementing OPRC , CLC, FUND in Madagascar)
- \* Administrative and technical organization for response at sea and on the coast
- \* authorities and experts organised in 7 cell crisis  
→ on scene team
- \* 1 national contingency plan, adjusted to 14 local contingency plans





# Marine Spill Risks

## \*Shipping risks



2019, Joby 15 miles from the port of Tamatave.  
(60T of bunker oil recovered without spilling into the sea)

# III. Marine Spill Risks

## \* Environmental sensitivity mapping

Definition and delimitation of sensitive areas: Order No. 4355 /97

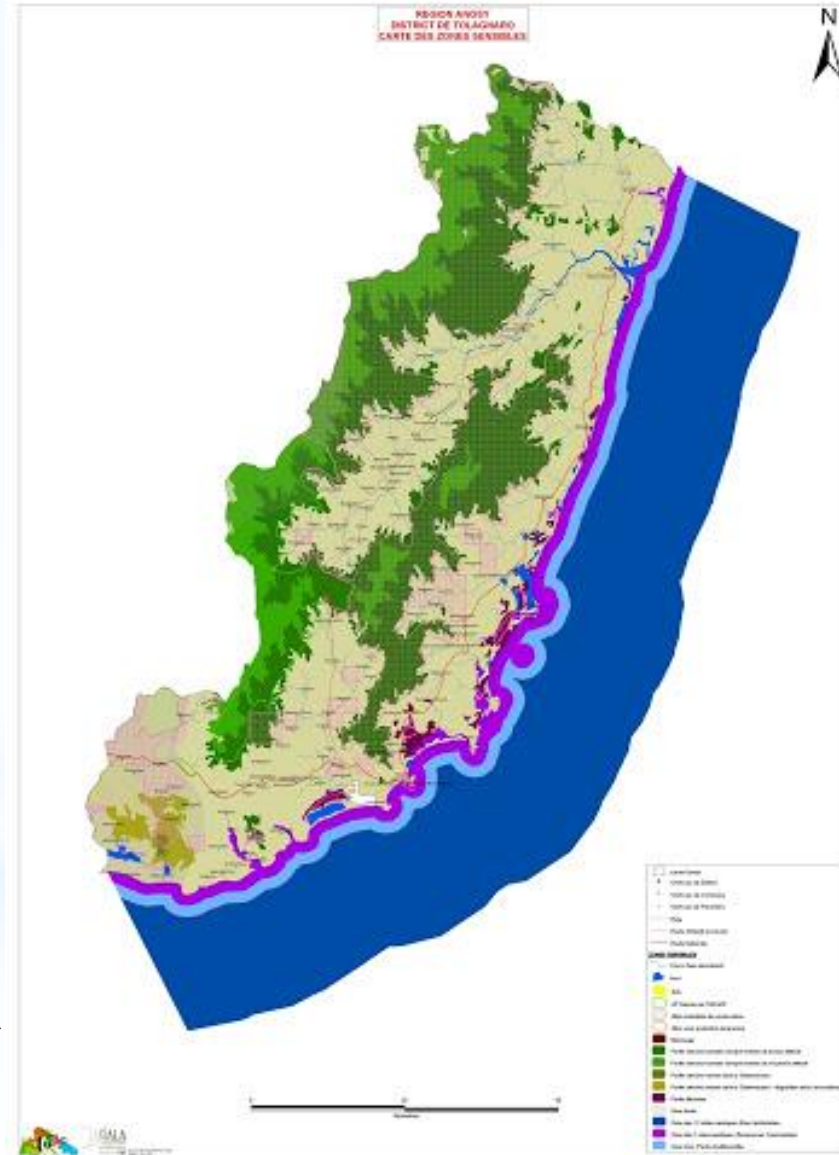
WIOMH (Western Indian Ocean Marine Highway Development and Coastal and Marine Contamination Prevention Project for Africa ) 2007-2012

GCRMN (Global Coral Reef Monitoring Network) 2018-

Zombandriaka (marine protected areas network)2018

➡ Most of sensitive areas maps of 22 regions developed

Vulnerable areas are included in 14 local contingency plans.



# IV. Response Strategies

## Dispersant

DECREE N° 2011-627 Defining a national policy for the use of dispersants in the maritime waters of MADAGASCAR

## Shoreline Clean-up and Assessment Technique (SCAT)

already elaborated, not adopted. The plan was not yet tested due to lack of materials

## National waste management

Operational document needs to be adopted

Jointly coordinate with the Ministry of Environment via OLEP and local authorities (municipalities)

# V. Response Resources

## \*Equipment

Locations: 14 material storage centers

Floating boom type 1A Height 850mm : 1000m

Floating boom type 1B height 680mm : 2000m

Beach barrier with blower: 09

Mooring chain of 20 in ml: 580

skimmers with Single-spill: 12

Skimmer : 10

flexible settling tanks 7m<sup>3</sup>: 28

Suction hose in ml: 400m

Discharge hose in ml: 650m

towing 750kg GVM: 41

sorbent pad, length 3m: 480

sorbent roll (48mx1m) : 53

sorbent bags 226 kg/s: 70

High sea boom + 2m high : 200m

Land rover 4x4 car : 02

Spate75C motor pump with flow control: 08





# V. Response Resources

## Training

- until 2012, OLEP set up:

- regular training program for stakeholders involved in NCP (Aerial Observation of Oil Spills at Sea, Fate of Oil Spills at Sea, Use of Booms in Oil Pollution Response, Use of Dispersants in Oil Spill Treatment, Use of Skimmers in Oil Pollution Response, etc.).

- 1 training / local agency/ year

- program of spill response exercises

- 2 national exercises/year with drills

Oct 2019: MASE POLMAR 2019 exercise, Madagascar, conjointly organised by the IOC and OLEP within participants from Comoros, Djibouti, France/Reunion, Kenya, Madagascar, Mauritius, Seychelles and Somalia.



# VI. Transboundary Aspects

## \* Procedures for facilitating transboundary support



In the national contingency plan:

### **Immigration procedures:**

- Sending the list of immigrants concerned to the Immigration/Emigration Service;
- A temporary safe conduct assigned to the immigrant people by Immigration /Emigration Service.

### **Entry of materials :**

- The materials imported temporarily benefit from a temporary admission (T.A.) regime by simple declaration but must be included in a detailed inventory, bearing the signature and stamp of the foreign authorities concerned,
- This formality must be carried out at the Directorate General of Customs.

# VI. Transboundary Aspects

## \* National perspective on regional cooperation in preparedness and response to marine pollution incidents

- Adoption of regional cooperation is the best way to facilitate the development of appropriate responses and to coordinate the use of available materials in a specific geographical area.
- Regional cooperation establish the financial conditions and administrative clauses of the actions, thus enabling rapid response of an emergency by avoiding large negotiations at the time of the event.

# VI. Transboundary Aspects

## \* Agreements

**Regional Contingency Plan for Preparedness and Response to major Marine Pollution Incidents in the Western Indian Ocean**

Madagascar: Sub-Regional coordination center for the response to a regional oil spill (OLEP)

**Indian Ocean Maritime Security Programme: MASE agreements,**

with : Comoros, Djibouti, France-Reunion, Kenya, Madagascar, Mauritius, Seychelles

- ❖ Regional Coordination Centre for Offshore Operations (CRCCO): Seychelles
- ❖ Regional centre for maritime information fusion (CRFIM: Madagascar)



# VI. Transboundary Aspects

**\* Mechanism for implementing the Agreement on the Regional Contingency Plan for Preparedness and Response to major Marine Pollution Incidents in the Western Indian Ocean**

Improving regional oil spill response capacity:

- Strengthening existing structures by an assessment of the needs and provision of appropriate equipment
- Increase regional drill exercise

Strengthening Communication and Cooperation between all member states and with IMO



\*THANK YOU