



COMMISSION DE  
L'OCÉAN INDIEN

# **Western Indian Ocean Marine Highway development and Coastal and Marine Contamination Prevention Project**


**Gina BONNE**  
**Chargée de Mission**

**Zanzibar 3 - 5 March 2020**

---



## Outline of Presentation

- **Background of the Project**
  - **Draft Regional Contingency Plan**
  - **Regional Coordination Centre for Western Indian Ocean**
  - **Terms of reference for the RCC**
  - **Resources for the RCC**
- 



## Background of the WIOMH Project

- **GEF Funded project and executed by the World Bank**
  - **Geographical Coverage:**  
**Comoros, Kenya, Madagascar, Mauritius, Mozambique, Seychelles, South Africa and United Republic of Tanzania**  
**(Reunion island of France participated with its own funding)**
  - **Duration: 2007 to 2012**
  - **Amount: 26 million USD (11 GEF)**
- 



## National Institutions

Countries	Marine Affairs	Coastal and Marine Contamination Prevention
Comoros	Direction des Affaires Maritime	Dept of Environment
Kenya	Kenya Maritime Authority ( KMA)	National Environment Management Authority (NEMA)
Madagascar	Ministry of Transport	Min. Environment ( OLEP )
Mauritius	Infrastructure,land Transport & Shipping	Ministry responsible for environment
Mozambique	Port Authority	Environment
Seychelles	Seychelles Maritime Safety Administration	Ministry of environment
South Africa	SAMSA	Department of Environment
Tanzania	SUMATRA	National Environment Management Council



## Background of the WIOMH Project

- **Overall Objectives:**

**To contribute to protect the regions coastal and marine environments and rich biodiversity from damage due to accidental spills and illegal discharges from ships and illegal exploitation of marine and coastal resources**



## Background of the WIOMH Project

- **Components :**
  - **Marine Highway and safety for navigation**
  - **Coastal and Marine Contamination Prevention**
- **Implementing Agencies :**
  - **South African Maritime Safety Authority (SAMSA) implementing the marine Highway development and safety for navigation component**
  - **Indian Ocean Commission (IOC) implementing the coastal and marine contamination prevention component**



## Coastal and Marine Contamination Prevention

### Component :

- a. Capacity building for prevention of coastal and marine contamination;
  - ❖ environmental sensitivity mapping, implementation of conventions, marine navigation safety, prevention of marine and coastal pollution, risk assessment and development of appropriate response strategies,
  - ❖ support the creation of site-specific pollution prevention and contingency management plans for coastal and marine hotspots.
  - ❖ Environmental resources valuation



## Coastal and Marine Contamination Prevention

### Component :

#### b. Building capacity for regional oil spill response

- ❖ Addressed –ratification of IMO Conventions intended to protect the marine and coastal environment and to improve safety to navigation; Support establishment of a Regional Agreement and preparation of a marine pollution contingency Plan ; Establish a regional Centre to coordinate national actions and to monitor environmental condition and degradation






## Coastal and Marine Contamination Prevention

- **National Oil Spill Contingency Plans (updated)**
  - **Environment Sensitive Areas Maps**
  - **Hazardous and Noxious Substance Contingency Plan**
  - **Policy for Use of Dispersants ( draft for most countries)**




# Coastal and Marine Contamination Prevention


- **Capacity building and training**
    - **Commandants and respondents**
    - **Valuation of the ecosystems**
    - **MSC in Maritime Law (IMLI)**
    - **Conducted desk top and full scale simulation exercises**
    - **Tier 1 and Tier II equipment**
    - **Training of Trainers**
- 



# Coastal and Marine Contamination Prevention

- **Regional Agreement for cooperation (signed)**
  - **A draft Regional Contingency Plan**
  - **Regional Coordination Centre (recommended )**
  - **Host agreement prepared ( not signed )**
- 

### **III. Regional Contingency Plan for Preparedness and Response to Major Marine Oil Spill**

- ROSCP developed in 2010
  - Dynamic document that need to be continuously updated
  - Divided in several Chapters
  - Set of Annexes
- 




# Regional Contingency Plan for Preparedness and Response to Major Marine Oil Spill

## Chapters

- ❖ Introduction – Context , objective , geographical coverage
- ❖ Policies and responsibilities (National Competent Authorities, activating the plan etc...
- ❖ Response elements and Planning (led role, incident commander, support team etc



## **Regional Contingency Plan for Preparedness and Response to Major Marine Oil Spill**

- ❖ Response Operation ( spill surveillance ,use of dispersant etc..)
  - ❖ Communication and Reporting (Communication Systems, initial warning, incident report... )
  - ❖ Public Information ( Information to the press, press release, conference, Information to RCC etc...)
- 



# Regional Contingency Plan for Preparedness and Response to Major Marine Oil Spill


## Annexes

- ❖ Directory of competent national Authorities and Contact point in charge of receiving alerts
- ❖ Extracts of NOCP-national organisation and main tasks and responsibilities
- ❖ Directory of response personnel and inventory of equipment, products ..
- ❖ Maps showing sources of pollution, environment and economically sensitive areas
- ❖ Guideline for reporting ( aerial surveillance)



# Regional Contingency Plan for Preparedness and Response to Major Marine Oil Spill

## Annexes

- ❖ Standard format for requesting assistance
  - ❖ POLPEP Pollution Reporting system
  - ❖ Claims Manuel
  - ❖ National Policies for use of dispersants
  - ❖ Guideline for shoreline survey
- 





## **IV. Regional Coordination Centre for Western Indian Ocean**

- **Background and process**
  - **Call for expression of interest to national Centres.**
  - **An evaluation Committee was setup by the IOC comprising of Secretariat of Conventions and International Institutions**
  - **Recommendation was taken to a Special Project Steering Committee in December 2011**
  - **PSC agreed for SAMSA to take on the role . Outcome document was signed by all countries**



## V. Terms of Reference for the RCC

### ● Objectives

- To strengthen the capacities of the States in the WIO region to develop and facilitate co-operation amongst them in the field of preparedness for and response to pollution incidents which require emergency actions or other immediate response.
- To assist States in the WIO region, which so request, in the development of their own national capabilities for response to pollution incidents which result or may result in pollution of the sea by oil ( or other hazardous and noxious substance) and to facilitate information exchange , technological co-operation and training.
- To assist in establishing regional systems and to promote dialogue and exchanges of relevant information on operational technical scientific , legal and financial matters , aimed at conducting co-ordinated actions at national, regional and global levels for the implementation of the Regional Contingency Plan.



## Type of Functions

### a. General Functions

(Training, meetings and Secretariat)

b. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency (Information exchange , assistance in developing regional systems for preparedness and response

c. Functions concerning prevention of pollution of the marine environment from ships (assistance for ratification implementation of Conventions; emergency etc..)



## A. General Functions

- Ensuring the implementation of the Agreement on the Regional Contingency Plan for preparedness for and Response to major marine pollution incidents in the WIO and performing relevant secretariat functions.
- Organising regular meetings and national authorities of the Parties, responsible for policies in the field of preparedness for , response to and co-operation in case of emergency ( and prevention of pollution from ships)



## General Functions

- Developing and maintaining close working relationships with other similar Centres in the world , the International Maritime Organisation, other UN specialised agencies, international governmental and nongovernmental organisations , regional organisations, spill response contractors and oil , chemical and shipping industries.
- Promoting co-operation between governments and industry in the field of preparedness and response for accidental marine pollution



## General Functions

- Assisting Parties in the implementation of the international conventions relating in particular to the protection of marine environment and to liability and compensation for pollution damage.
- Co-operating as appropriate in activities related to marine pollution preparedness , response and prevention carried out within the framework of the (Amended )Nairobi convention and its Emergency Protocol



## General Functions

- Promote technological co-operation in the field of response to accidental marine pollution
- Encouraging research by the Parties and relevant industries on accidental marine pollution related matters, including environmental impact and response materials and techniques of particular relevance for WIO region



## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Assisting the Parties in the exchange of information and in collecting, processing and disseminating information
- Developing a network of focal points in all countries representing national authorities and the oil, chemical and shipping industries
- Revising as necessary and keeping up to date, in light of information collected , the Regional Contingency Plan





## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Assisting the Parties in establishing their national systems for preparedness and response and ensuring the sustainability and revision of their national and sub-regional contingency plans.
- Assisting the Parties , which so request , in the preparation and development of bilateral, multilateral or sub-regional operational agreements



## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Organising, delivering and assisting in the delivery of regional, sub regional and national training courses , based on IMO model courses , as well as specialised workshops and seminars
- Designing, organizing and assisting in running regional , sub regional and national marine pollution response exercises



## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Developing , keep up to date and **operating databases on oils and chemicals** and their properties, **risk** for human life and the marine environment, response techniques and methods.
- **Collecting all information on accidents** causing or likely to cause marine pollution by oils or HNS in the WIO region and maintaining a marine pollution incident database.



## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Developing and operating **decision support systems for marine pollution emergencies** with a view to rapidly providing to the Parties information concerning behaviours risks and different possibilities for intervention in cases of accidents involving oil and other HNS
- Preparing , disseminating and keeping up to **date operational guides and technical documents and information** on prevention and response to marine pollution
- Preparing and keeping up to date **operational arrangements and guidelines aimed at facilitating co-operation** between the Parties in cases of emergency and maintaining a marine pollution incident database.



## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Developing and maintaining a regional communication/information system appropriate to the needs of Parties in particular in case of emergency
- Providing, upon request, expert advice to the Parties , in particular in cases of emergency either by using the capacities of the Centre or through secondment of external experts.
- Coordinating , in case of emergency, regional response activities and mutual assistance , or when the possibilities for assistance do not exist within the region , assisting the Parties in obtaining international assistance from outside the region



## **B. Functions concerning preparedness for and response to accidental marine pollution and co-operation in case of emergency**

- Developing and maintaining a regional communication/information system appropriate to the needs of Parties in particular in case of emergency.
- Disseminating, in case of emergency, alert to all countries and subsequently regular situation reports on the incident and ongoing response operations.
- Facilitating, during marine pollution incidents, relations between competent authorities of the Parties and relevant third parties (insurers, salvors etc...)



## C. Functions concerning prevention of pollution of the marine environment from ships

- To assist the Parties in strengthening their national capacities with a view to implementing in an efficient manner the international law and regulations for the prevention of pollution of the marine environment from ships (Ref. Training, technical assistance; transfer of technology...)
- *to assist the Parties in developing regional co operation with the view to implementing in an efficient manner the international regulations from the prevention of marine environment by ships ( Ref. Marpol73/78, Antifouling 2001; Ballast Water 2004; Removal of Wreck 2007; KongKong SRC 2009)*



## VI. Finance for the RCC

- The Centre will have its own budget:
  - Contribution from host country
  - Contribution from Parties based on Gross National Income
    - GNI < USD 1 000/yr/capita
    - GNI USD 1000- 15 000
    - GNI > 15 000/year/capita
  - Other contributions from partners, donor agencies, additional voluntary contribution from parties





COMMISSION DE  
L'OcéAN INDIEN

**End of presentation and thank you for your attention**