



**COMMISSION  
DE L'OCEAN INDIEN**

# Indian Ocean Commission Marine-related Work Programme Activities

Secretariat of the Indian Ocean Commission

International Coral Reef Initiative General Assembly

12-15 December 2011, Saint Denis, La Réunion

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# The Indian Ocean Commission

- Inter-governmental organisation created in 1984 for regional cooperation, which aims to support the sustainable development of the IOC countries.

- Members States:

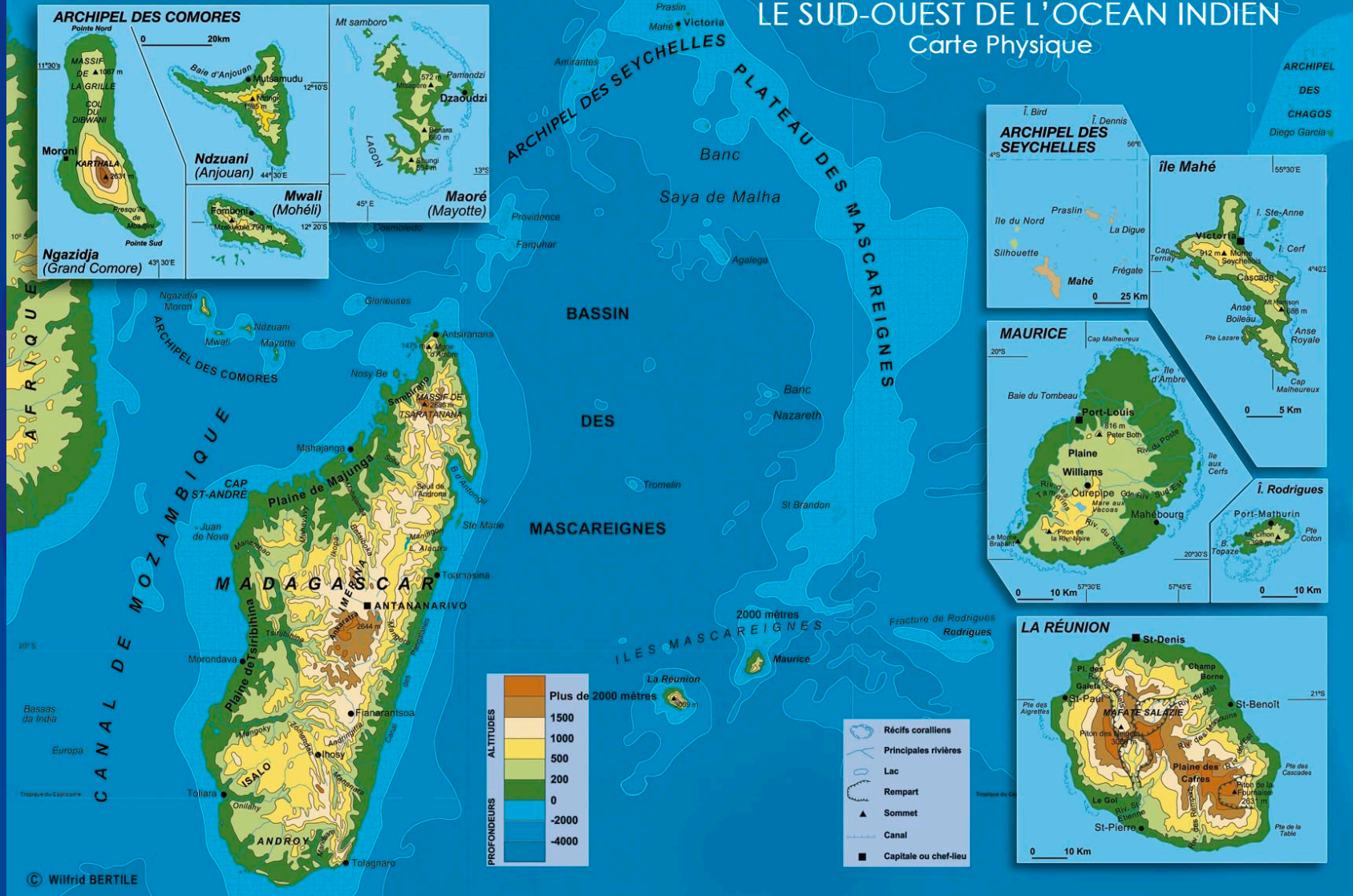
- Comoros
- France/Réunion
- Madagascar
- Mauritius
- Seychelles

*(4 ACP countries and one  
outermost region)*



# LE SUD-OUEST DE L'OCEAN INDIEN

## Carte Physique







One of IOC key objectives:

*Contribute to the sustainable development  
of its member countries  
through regional cooperation*

## 4 Strategic Directions

1

Diplomatic and Political Cooperation

2

Commercial and Economic Cooperation

3

Sustainable Regional Development

4

Strengthening of Regional Cultural Identity

## Areas of intervention (DI)

- DI 1: Strategy, Politics and Diplomacy;
- DI 2: Economy, Commerce and Infrastructure;
- DI 3: Fisheries, Agriculture and Energy;
- DI 4: Environment and Natural Resources;
  - **Projects being implemented:**
    - ReCoMap: Regional Programme for the Sustainable Management of the Coastal Zones of the Countries of the Indian Ocean [funding EDF 9]
    - Western Indian Ocean Maritime Highway Development and Coastal and Marine Contamination Prevention Project (WIOMHP) [funding GEF/World Bank];
    - African Monitoring of the Environment for Sustainable Development (AMESD – IOC component) [funding EDF 9].
    - Marine Protected Area Network [funding FFEM, WWF, CI], WIOMER Strategy;
  - **Projects being identified:**
    - Biodiversity Management in the ESA-IO region [funding EDF 10]
    - Sustainable Management of marine resources in the WIO [Funding FFEM]
- DI 5: Human development and Regional Security;
- DI 6: Culture and Societies.

**Regional programme for the sustainable management of the coastal zones of the countries of the Indian Ocean (ReCoMap)**  
(Comoros, Madagascar, Mauritius, Seychelles, Tanzania, Kenya, Somalia)  
Funding EDF 9: @ 18 millions EUR [2006-2011]

**The overall objective** of the project is to enhance sustainable management and conservation of marine and coastal resources thereby contributing to poverty alleviation amongst the coastal population of the Western Indian Ocean (WIO).

**Primary support mechanisms**

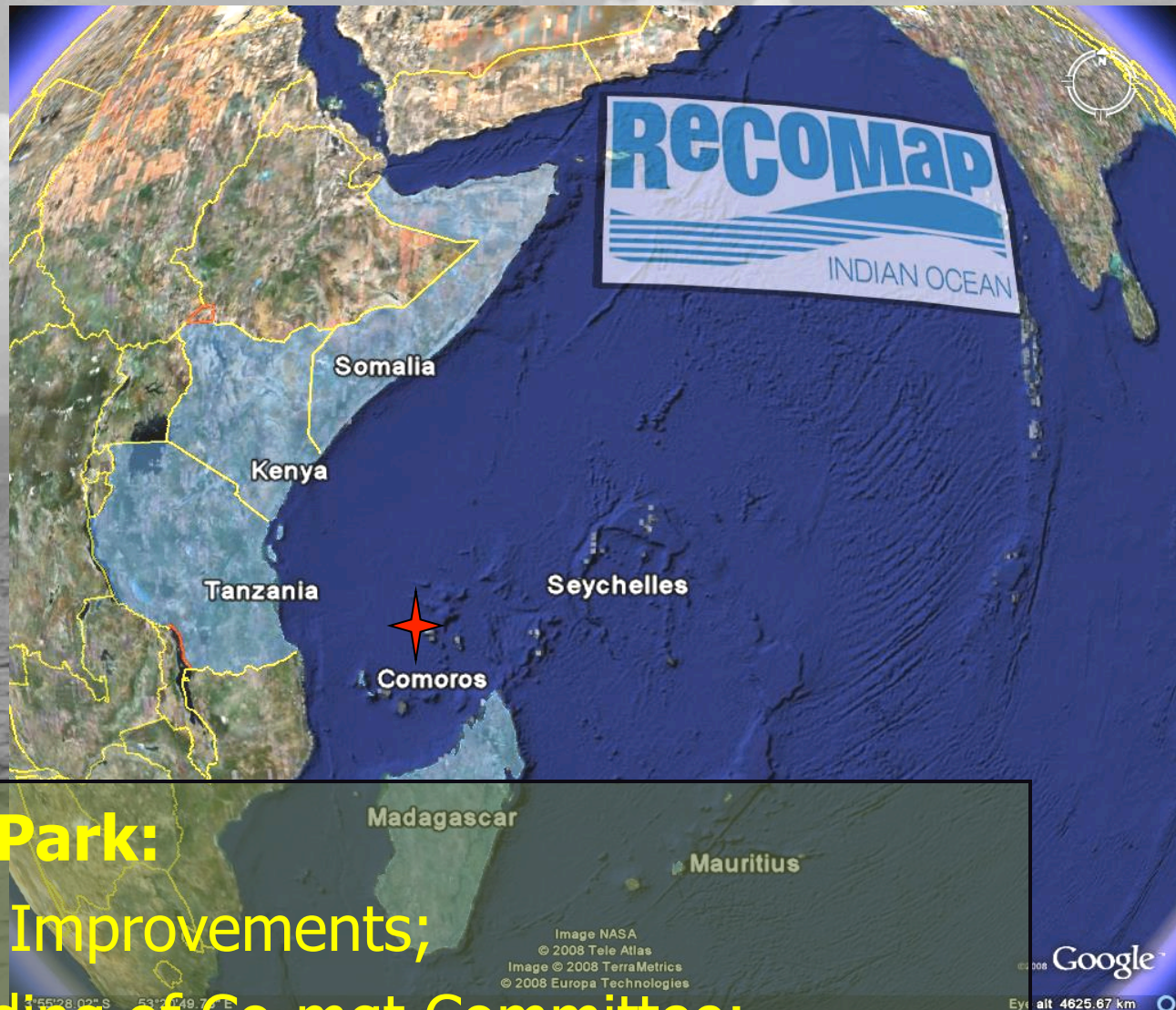
- Improved information
- Resources management
- Livelihoods
- Capacity-building

Few examples





# Comoros



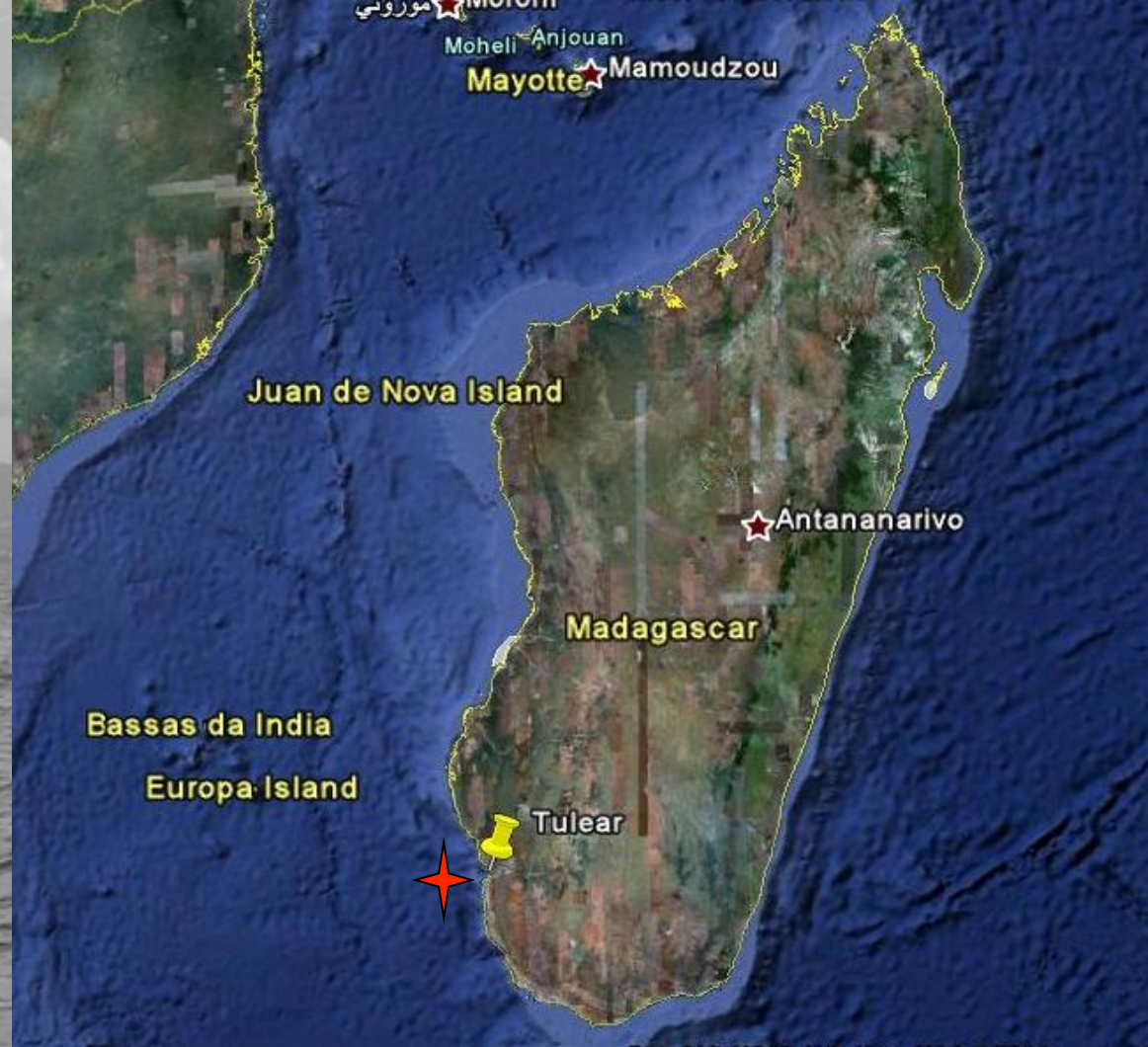
## Moheli Marine Park:

- Management Improvements;
- Capacity-Building of Co-mgt Committee;
- Resource & Habitat Surveys and Monitoring;
- ...Establishment of Village Marine Reserves.



# Madagascar

## Capacity-building

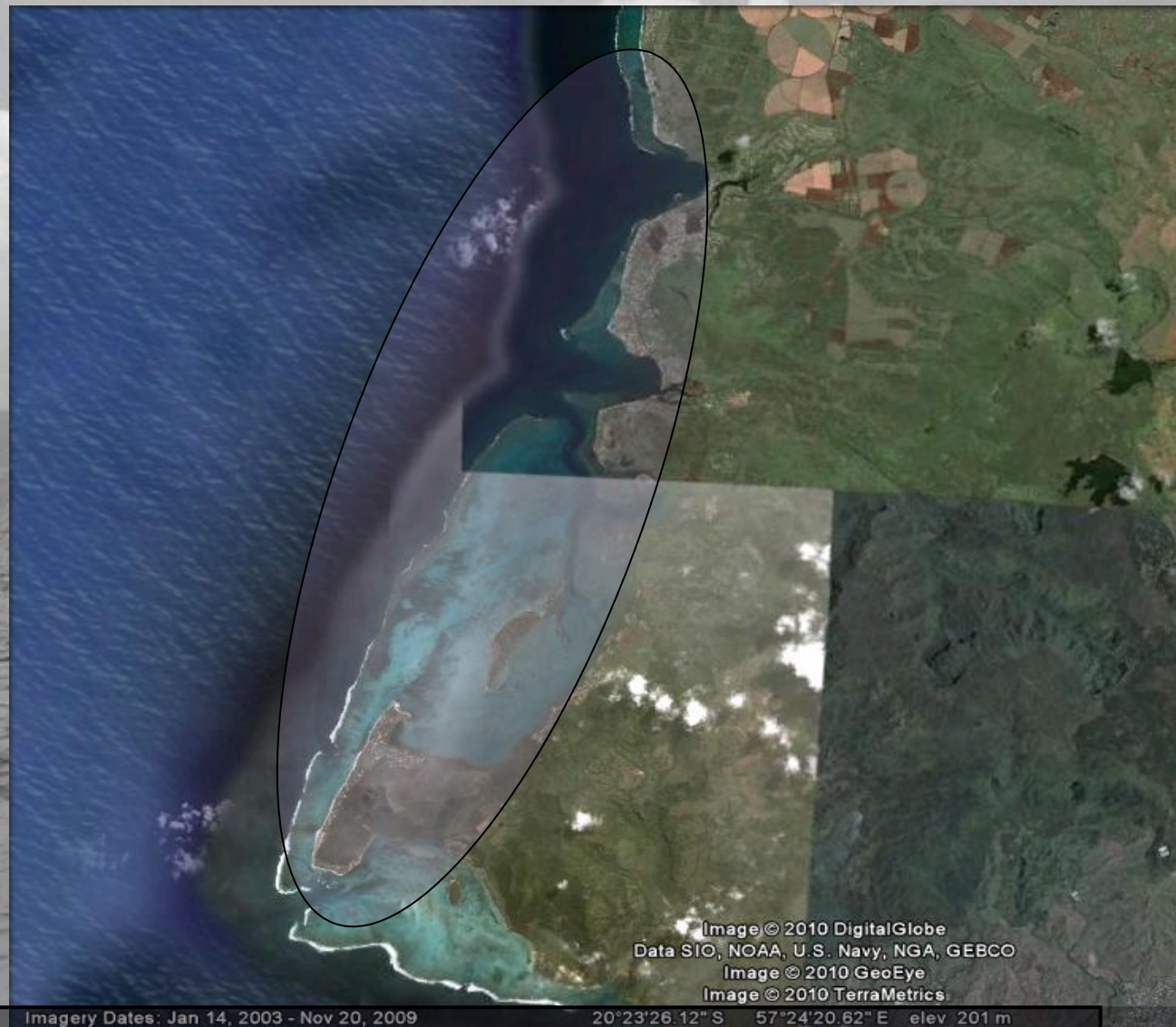


Institut Halieutique et des Sciences Marines (IHSM)

- (Dive Training Centre – MacArthur Foundation)
- Equipment for Dive Training for Coral Reef Surveys



# Mauritius

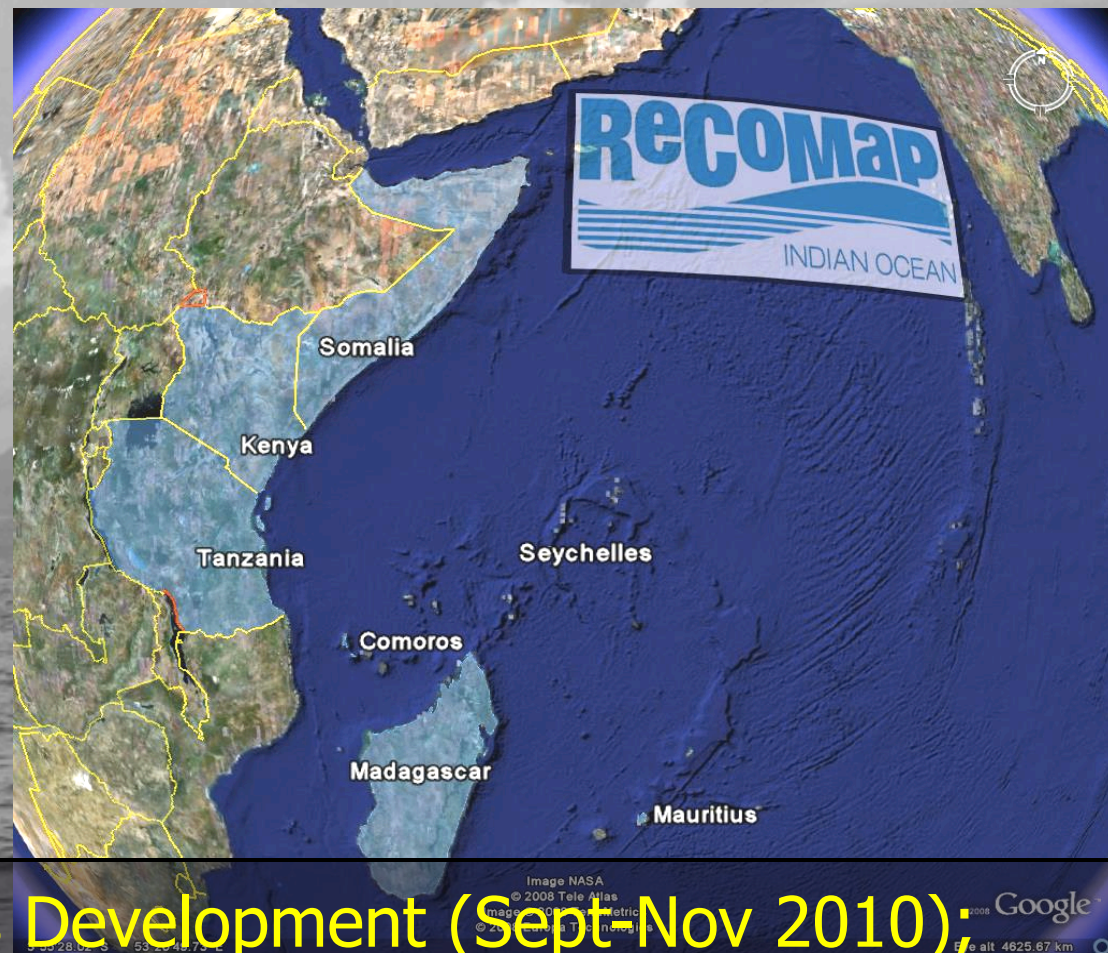


## Management of Marine Resource Use

- Feasibility Study for an MPA in SW Mauritius; including reef surveys (ARVAM – La Réunion).



# Regional Scale



- MPA Training Modules Development (Sept-Nov 2010);
- Regional MPA Training Course Nov/Dec 2010 (+WIOMSA);
- MPA and Fisheries Interactions Symposium (Mar 2011);
- COREMO 3 monitoring database training;
- Support to IOC Coral Reef Network Reporting.



# **Western Indian Ocean Maritime Highway Development and Coastal and Marine Contamination Prevention Project (WIOMHP)**

(South Africa, Kenya, Mozambique, Tanzania, IOC member states)

Funding GEF/World Bank: 11 millions USD [2007-2012]

Project components are:

- Component A: Development of a Regional Marine Highway and Institutions;
- Component B: Capacity Building for prevention of coastal and marine contamination;
- Component C: Building Capacity for Regional Oil Spill response;
- Component D: Port State Control, Fisheries monitoring and project coordination and management.

# Component B – Capacity Building for prevention of coastal and marine contamination

## 1. Sensitisation of coastal and marine protection

- Workshops on environmentally sensitive mapping;
- Implementation of Conventions;
- Marine navigation safety;
- Prevention of marine and coastal pollution.

## 2. Pollution prevention and contingency management plans;

- Provide supports to Governments for the creation of site-specific pollution prevention and contingency management plans for coastal and marine hotspots.

## 3. Methodology of valuing ecosystem benefits;

- Support of a methodology to identify and assign values to the key environmental resources in the region (2 regional experts workshops)

## 4. Preparation of a regional database on marine and coastal resources

- Support the development of a regional database and a geographic information system on the marine environment, marine and coastal resources, ship movements, ship waste, and sea-based activities.

# **African Monitoring of the Environment for Sustainable Development - AMESD**

## **Thema: Marine and Coastal Management**

(IOC member countries, Kenya, Tanzania, Mozambique,  
Sao Tomé and Príncipe, Cape Verde)

Funding EU/EDF 9: 1.23 millions Euros [2009-2012]

Two kinds of services are being developed during the project:

- Management of fisheries resources with 2 components
  - Support the monitoring and management of fisheries resources;
  - Support the monitoring and control of fishing activities.
- Service to disseminate indicators in physical oceanography and marine climatology





Corresponding data and products include:

- Monitoring and control of fishing activities: Sea surface temperatures, chlorophyll levels, sea level elevation, wind, waves, currents, marine meteorology .
- Monitoring and management of fish resources: Chlorophyll levels, sea surface temperatures and thermal fronts, sea level elevation.
- Indicators in physical oceanography: web server allowing the visualisation of archived data in physical oceanography, marine climatology indicators, and marine currents (numerical modeling results)

# Coastal, Marine and Island Specific Biodiversity Management in the ESA-IO Coastal States

(Comoros, Madagascar, Mauritius, Seychelles, Tanzania, Kenya)

Funding EDF 10: @ 14 millions EUR [Start @ June 2012]

The **overall objective** of the programme is to contribute to regional integration by ensuring more effective, coherent and collective biodiversity management in line with international and regional agreements and priorities.

The **specific objective** of the programme is to develop and strengthen national and regional capacities for sustainable participatory management of coastal, marine and island specific biodiversity

The **geographical scope** of this programme will follow the definition of the coastal zone as per national ICZM legislation

Five expected results





**Result 1:** Improved and harmonised policies and legal and institutional frameworks for the sustainable use of biodiversity are in place across the region;

**Result 2 :** Education, sensitisation, communication and information tools for the management of the use of biodiversity are developed, enhanced and applied in support of decision makers at regional, national and community levels;

**Result 3:** Improved system for networking and exchange of data, statistic and other biodiversity-related information are established;

**Result 4:** Biodiversity Thematic Centres are created (or enhanced as mechanisms for exchanging information on, and experience and best practice, in the sustainable use of biodiversity;

**Result 5:** The contribution of biodiversity to sustainable economic development and sustainable livelihoods is supported or enhanced through a Call for Proposals and Special Grant Scheme.



# Small Islands Developing States « Mauritius Strategy » in the ESA-IO region

(Comoros, Madagascar, Mauritius, Seychelles, Tanzania [Zanzibar, Pemba])

(Other participating countries: Cape Verde, Maldives, Guinea Bissau, Sao Tomé and Príncipe)

Funding EDF 10: @ 10 millions EUR [August 2011 – September 2013] [Phase 1]

The **overall objective** of the programme is to contribute to an increase level of socio-economic and environmental development and deeper regional integration in the ESA-IO region through the sustainable development of the Small Islands developing States.

The **specific objective** of the programme is to accelerate the implementation of the Mauritius Strategy in the ESA-IO region through a regional programme.

Four expected results



**Result 1:** A Monitoring and Evaluation System for the implementation of the Mauritius Strategy is developed and operational, regional and international level;

**Result 2:** Best practices in mitigating vulnerabilities of SIDS on the four selected thematic areas are established;

**Theme 1:** Operationalisation of the Coral Reefs Facility, initiated by Seychelles at the SIDS Summit in 2005;

**Theme 2:** Development of a disaster scheme against natural disasters ;

**Theme 3:** Support a high-level political strategy for transforming an Island State into a sustainable development Island State (ex: *Maurice Ile Durable* initiative) and promoting the main parameters for sustainable development for an Island State where economic, social and environmental development will be optimally integrated;

**Theme 4:** Operationalisation of the Western Indian Ocean Challenge initiative on climate change.

**Result 3:** The region has capacity to leverage commitments for the pursuit of best practices on the four selected thematic areas and attract investments for implementation;

**Result 4:** Partnership for implementation of MS at national, regional and global level strengthened.

The Mauritius Strategy (MS) has been developed for the Further Implementation of **the Barbados Programme of Action (BPoA)** for the Sustainable Development of Small Island Developing States (SIDS) and was adopted in 2005.

The Strategy provides a response to **the economic, social and environmental vulnerability** of these states

- It is therefore really about **a sustainable development strategy**

Each of the 20 chapters/thematics addresses a series of issues and proposes a programme of action supported by the UN and its agencies and other international and regional organisations including the World Bank, the WTO, the EU, and the IOC.

- The IOC ISIDSMS programme focus on **4 of these thematics**



# **Support to local innovations and partnerships contributing to the conservation and sustainable management of the marine environment in the South West Indian Ocean**

**(Comoros, Madagascar, Mauritius, Seychelles, France/Réunion)**

Funding FFEM/Other partners: @ 3.2 millions EUR [identification phase]

The **overall objective** of the project is to develop and share thematic cross-cutting actions/activities at the local level and implement local pilot integrated projects.

Three main work areas identified and endorsed by a Regional Consultative Meeting in Mauritius in December 2010:

- **Sustainable Management of Coral Reefs;**
- Marine Protected Areas;
- Sustainable Management of Coastal Fisheries.

- **Key approaches** – Poverty reduction, ICZM, Development of alternative activities that are viable, networking, awareness and sensitisation.
- Involvement of local stakeholders.
- Consistency with other IOC activities or projects, including EDF 10-funded Biodiversity and SIDS projects.

#### Thematic integrated actions:

1. Coastal resources sustainable management projects;
2. Marine Protected Areas performance support;
3. Integrated Coastal zone management projects;
4. Ecolodge projects support;
5. **Coral reef conservation and restoration projects;**
6. Support for sustainable management of cetacean watching-based tourism activities.



This project will be articulated with programmes and strategies at the national, regional or international levels (IOC Regional Fisheries Strategy for the ESA-IO region, Convention on Biological Biodiversity, the United Nations Framework Convention on Climate Change, the Nairobi Convention...);

... and builds on and complement previous and ongoing initiatives for marine and coastal resources management that have been implemented throughout the West Indian Ocean region, PRE-IOC project, Marine Protected Area Network of the IOC Countries Project (MPAN-IOC, 2006), and the ReCoMap.

# Adaptation to Climate Change in the IOC member countries - ACClimate

(Comoros, Madagascar, Mauritius, Seychelles, France/Réunion)

Funding FFEM/MAEE/AFD/Other partners: 3.6 millions EUR [2008-2012]

The **overall objective** of the programme is to set up a regional cooperation mechanism to address adaptation to the impacts of climate change in the IOC member countries

The **specific objective** of the programme is to strengthen capacity of the IOC Secretariat and the IOC member countries with regards to Climate Change adaptation.

One major output will be the development of a **Regional Strategy** and an **Regional Action Plan** for adaption to climate change;



Thank you  
Merci

