

Integrated Data and Information Products and Services for the Management of Oceans and Coastal Zones in Africa

ODINAFRICA-IV



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GOAL

Promote the *Sustainable Management* of Marine and Coastal Resources, as well as *Reducing the Risks* of Ocean Related Hazards, based on *Sound Scientific Knowledge*.

OBJECTIVES

- *Expanding and strengthening the network* of marine scientists and institutions in the region to foster the sharing of data and information.
- *Developing high quality products and tools* to support decision making, management and conservation of the marine and coastal environment.
- *Promoting the use of products and services* developed by the project to all stakeholders.
- *Fostering active* south-south, intra-Africa, north-south and Africa-Flemish *collaboration for marine training, research and technology transfer.*

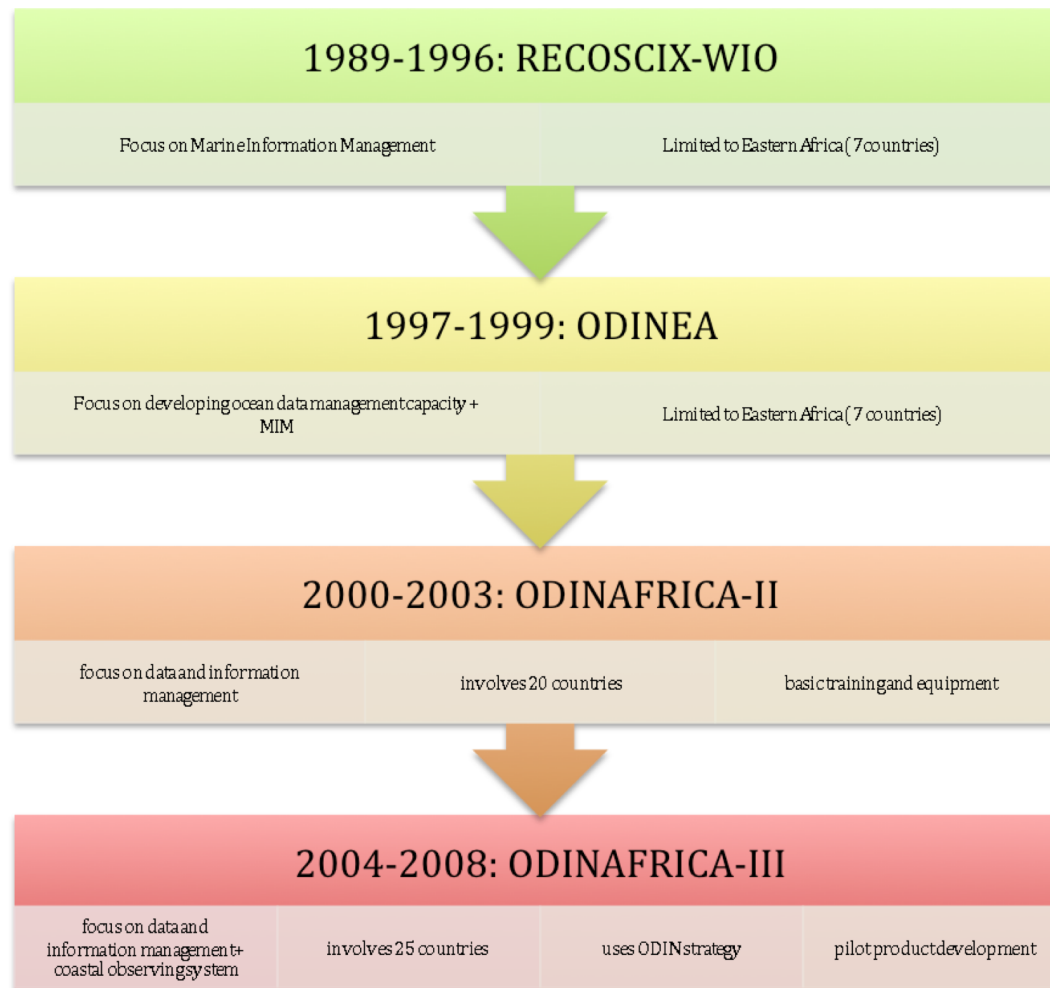
BASIC INFORMATION

- Planned duration: 4 years
- Initial period: 2009 – 2012
- Proposed: 1 Aug 2009 – 31 Jul 2013
- Funding = US\$ 3.545 million [from the Flanders UNESCO Science Trust fund – FUST]
- Participating Countries: Algeria, Angola, Benin, Cameroon, Comoros, Congo, Cote d'Ivoire, DR Congo, Egypt, Gabon, Ghana, Guinea, Kenya, Madagascar, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Nigeria, Senegal, Seychelles, South Africa, Tanzania, Togo and Tunisia.

BASIC INFORMATION



Evolution of ODINAFRICA



Previous phases ...

- ◇ Developed skills for processing, analysis and archiving of data and information
- ◇ Provided core equipment and software
- ◇ Developed a network of experts
- ◇ Developed a wide range of databases
- ◇ Developed a network of sea level stations
- ◇ Commenced work on mechanisms for dissemination of the data such as atlases and websites

ODINAFRICA-IV vs previous phases

◇ Focus on:

- Proper inventory of data and information, and getting it to users in easily understood format – catalogues & portals
- Development of customised products such as forecasts, predictions and scenarios
- Dissemination of analysed data (& products) thro atlases
- Providing management options – policy briefs
- Development of communication & outreach tools – websites, newsletters, brochures, posters ...

Development of ODINAFRICA-IV

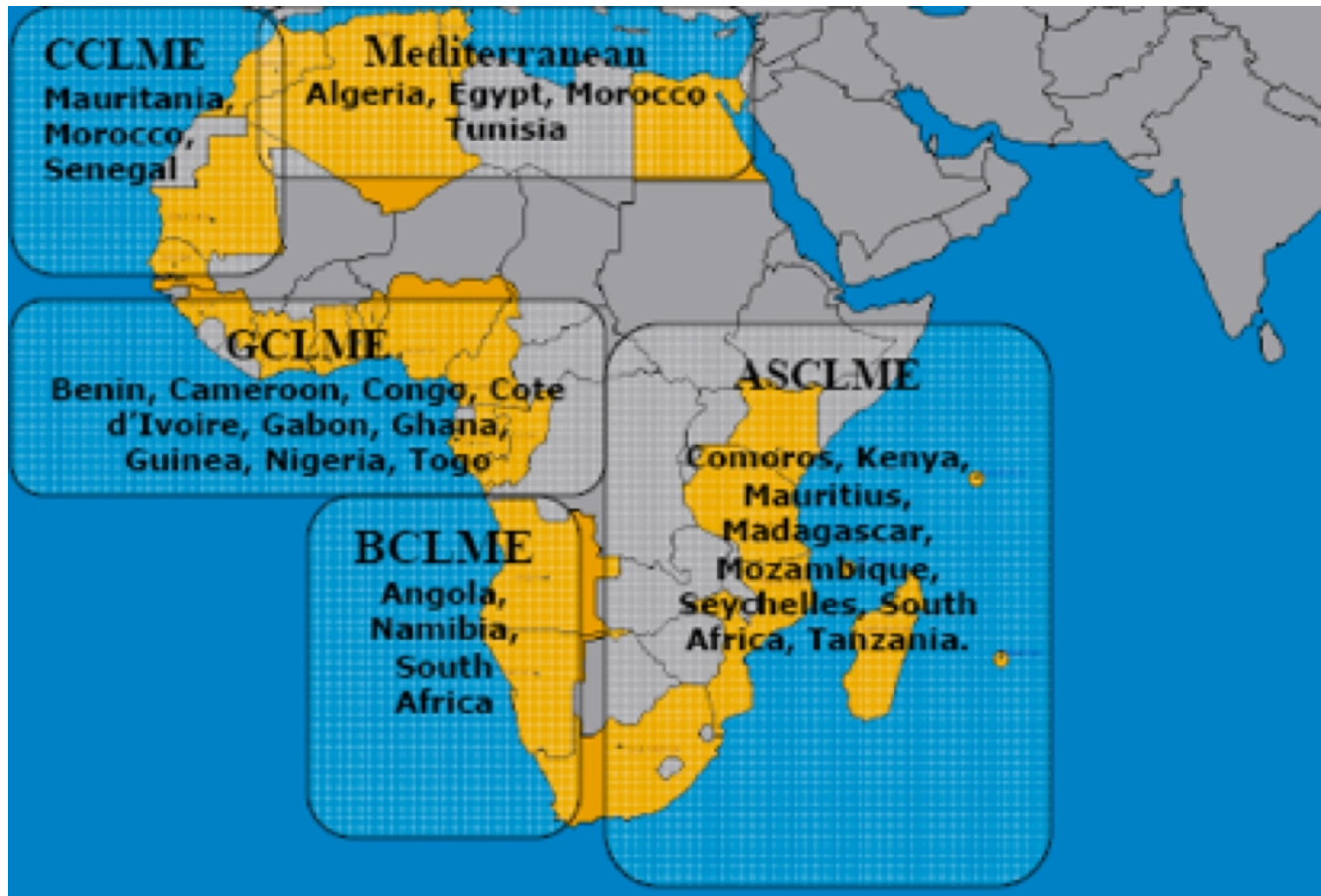
- ◇ Participatory approach:
 - Guidelines by Steering Committee
 - Drafting team assisted by consultant, extensive consultation with partners
 - ODINAFRICA-IV planning workshop
 - Finalisation of draft
 - Meeting of Heads of Institutions

Collaboration between stakeholders will be key in this phase.

Management and Coordination.

- ◇ National Coordination Committees: Data Generators, potential users of the products and services.
[marine research and academic institutions, meteorological agencies, fisheries and MPA management agencies]
- ◇ Regional Coordinators covering five LME regions: ASCLME, BCLME, CCLME, GCLME, Mediterranean Sea.
- ◇ Project Steering Committee: Chairs of IOCEA, IOCWIO, IOC Vice Chair for Region V, Representative of IODE, Regional Coordinators and Project Manager.

Regional Coordination



Coordinators-Regions-Products Clusters

- Desiderius CP Masalu, Tanzania: [Aguilhas Somali Current LME region](#) (*Portals and Websites*)
- Anja Kreiner, Namibia : Benguela Current LME region (Communication Tools)
- Arame Ndiaye Keita, Senegal: [Canary Current LME region](#) (*Web-based Information Services, including literature catalogues and repositories*)
- Angora Aman, Cote d'Ivoire: [Guinea Current LME region](#) (*Mapping, Forecasts and Scenarios*)
- Malika Belhassen-Abid: [Mediterranean Sea region](#) (*Web-based Data Services, including catalogues and archives*)

Web-based Data Services, including catalogues and archives

- Catalogue of dataset – update of the African component of the Marine Environmental Data Inventory (MEDI-Africa) using GEnetwork open source.
 - Description of datasets in the Marine Atlases
 - Supply an OGC compliant catalogue service that can be harvested by the African Oceans Data Portal.
- Institutional/National Data Archives (data extraction from local, international databases)
- Online trend generation, plotting and printing of maps and figures from databases.
- Development of the African Register of Marine

Web-based Information Services, incl. literature catalogues and repositories

- An interface to access records of African experts and institutions in the OceanExperts (www.oceanexpert.org) database
- Update of Experts/Institutions records. Access national experts details thro the national websites/portals.
- Database of marine related projects. An interface that facilitates easy data entry and updates. National/regional databases ??
- Library catalogues updated – links to full text articles.
- Catalogue of marine related publications from/about Africa - linked to the Ocean-Docs Africa repository.
- Electronic repository of marine publications and grey literature from Africa (OceanDocs-Africa). Institutional

Portals and Websites

- National NODC websites (www.nodc-countryname.org)
- ODINAFRICA website (www.odinafrica.org)
- African Sea Level Network website (www.iode.org/glossafrica)
- African Ocean Portal (www.africanoceans.net)
- Development of Ocean Data Portals

Mapping, Forecasts and Scenarios

- National Marine Atlases
 - Pilot sites addressing key issues
 - Forecasts/Predictions/Scenarios
- Regional Atlases
 - Collaboration with LME projects
- The African Marine Atlas

Communication Tools

- ◇ Outreach activities [incl. posters, brochures, adverts, meetings on usage of products, open days, exhibitions, IOC-50 and IODE-50 celebrations?]
- WINDOW newsletter, Additional volumes in the ODINAFRICA book series on the “African Oceans and Coasts”?
- ◇ Policy Briefs: Tangible advice for decision making, priority setting and resource deployment
- ◇ Visual and interpretative materials: e.g. conceptual diagrams and maps that support understanding of environmental processes and issues, and facilitate stakeholder interactions in decision-making

Summary of Products.

