South West Indian Ocean Fisheries Project (SWIOFP)

A fisheries research and management module within a Large Marine Ecosystem (LME) framework

Presentation to the IOTC Scientific Committee Meeting, Victoria, Mahe, Seychelles, 1 – 5th December 2008

Support

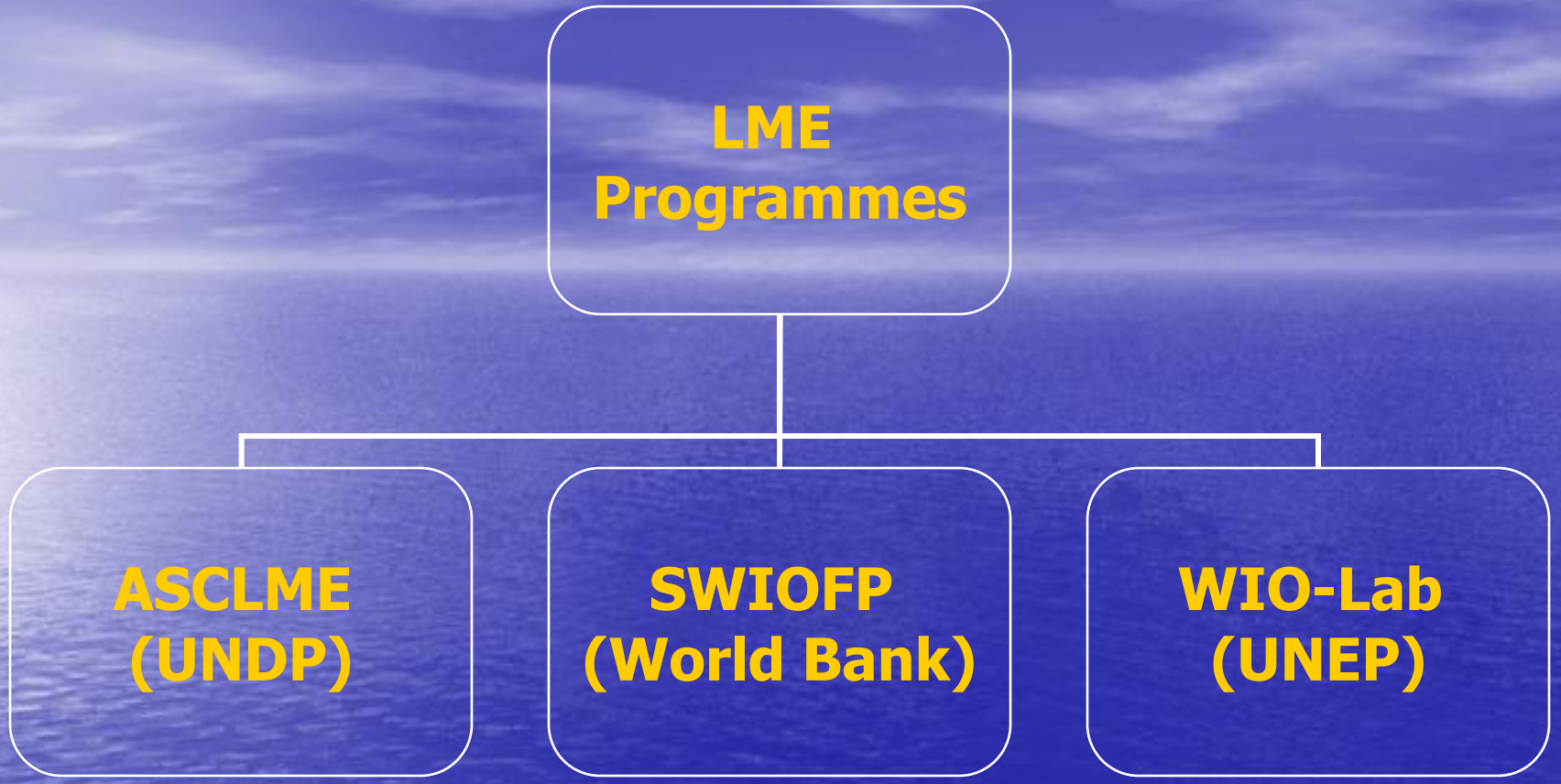
- Global Environment Facility (GEF)
- FFEM (France)
- Norway (through FAO: R/v Dr. Fridjtof Nansen)
- FAO through SWIOFC
- Country contributions
- Implemented through World Bank

- *GEF Global Objectives*
- OP#8: environmentally and socially sustainable management of shared marine resources

- OP#2: preservation of biodiversity

Project Aim & Objectives

- To promote the environmentally sustainable use of fish resources through adoption by countries riparian to the SWIO of a Large Marine Ecosystem (LME)-based ecosystem approach to fisheries management in the Agulhas and Somali LMEs that recognizes the importance of preserving biodiversity
- (i) identify & assess exploitable offshore (EEZ) fish stocks (emphasis on transboundary, shared, migratory);
- (ii) develop institutional & human capacity through training/careers
- (iii) develop a regional fisheries management structure & associated harmonized legislation; and
- (iv) mainstream biodiversity in national fisheries management policy and through national participation in regional organizations

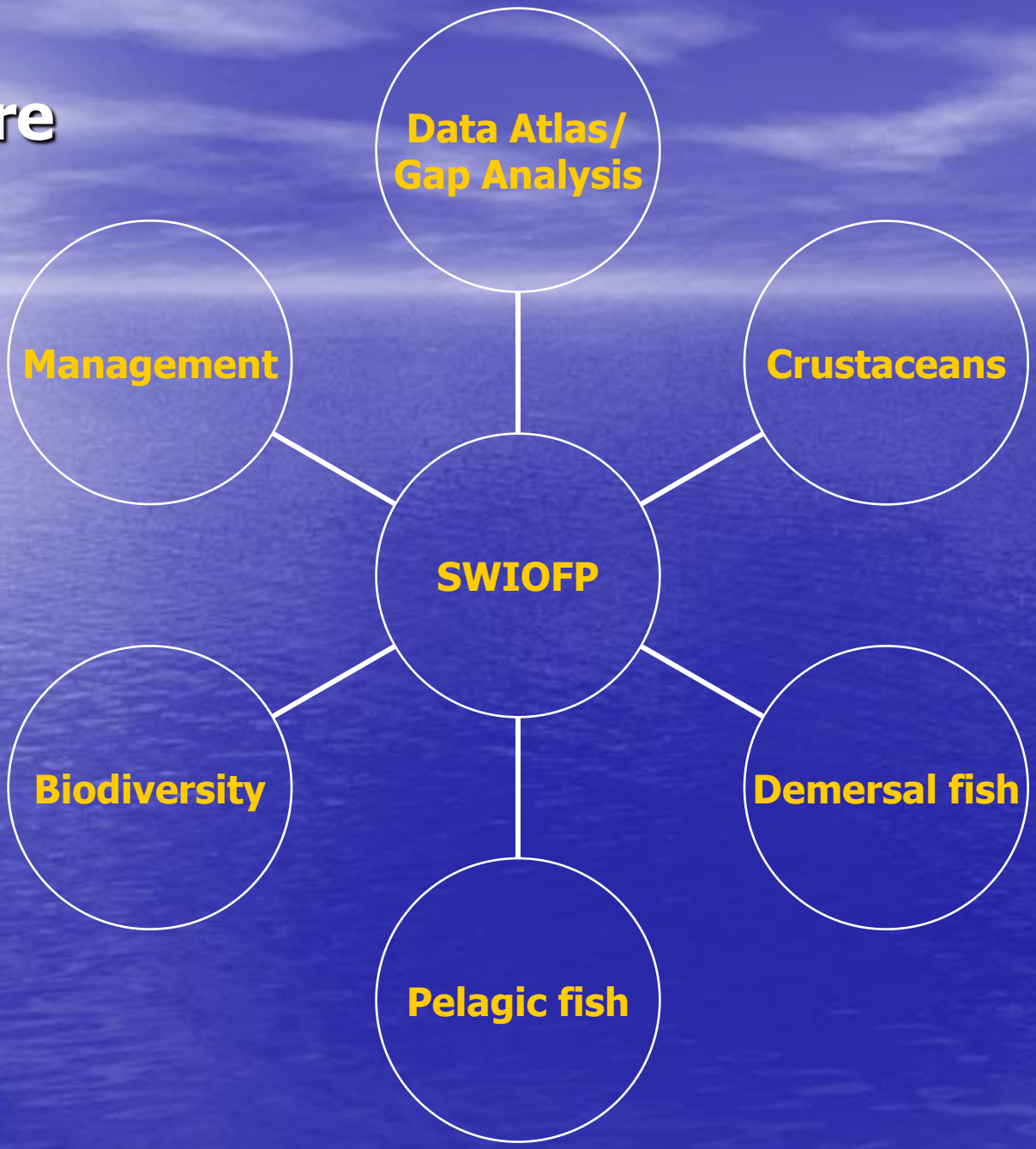


- Transboundary Diagnostic Analyses (TDAs)
- Strategic Action Plans (SAPs)
- Development of long-term follow-on projects

Partners


Kenya
Tanzania
Mozambique
South Africa
INDIAN OCEAN
Seychelles
Comoros
Madagascar
Mauritius
France
(Reunion)
General study region

Project structure



Assessment and sustainable utilization of pelagic fish

- Large pelagics:
  - Development of FAD fisheries
  - Gear optimization and by-catch mitigation in longline fisheries
  - Migration and behaviour of large pelagic species

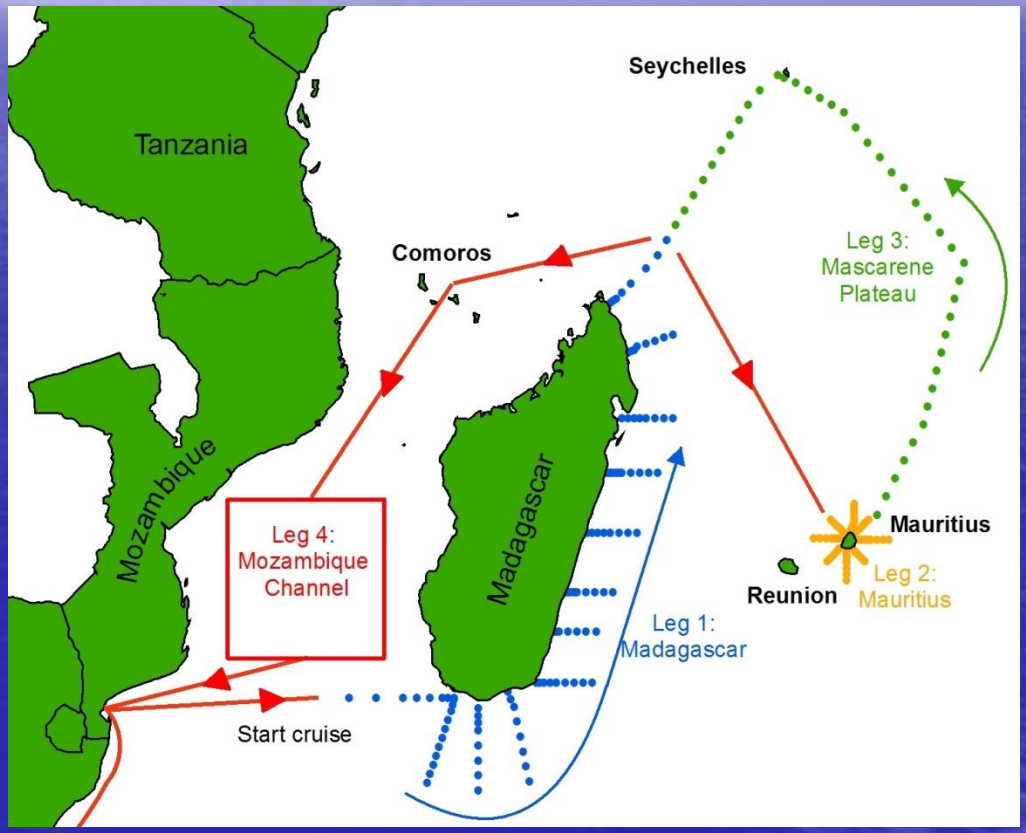
- Small pelagics
  - E.g. King/queen mackerel, carangids, barracuda, scads, sardines
  - Distribution, stock structure and BRPs for key resources
  - Surveys to assess potential of new and existing fisheries
  - Stock assessments
  - Gear optimisation and development of FADs

SCHEDULE

5 years			
12 months	**24 months**	**18 months**	**6 months**
Data atlas	**Data collection**	**Data manipulation, interpretation and reporting**	**TDA SAP**
Jul 2008-Jun 2009	Jul 2009-Jun 2011	Jul 2011 – Dec 2012	Jan 2013- Jun 2013

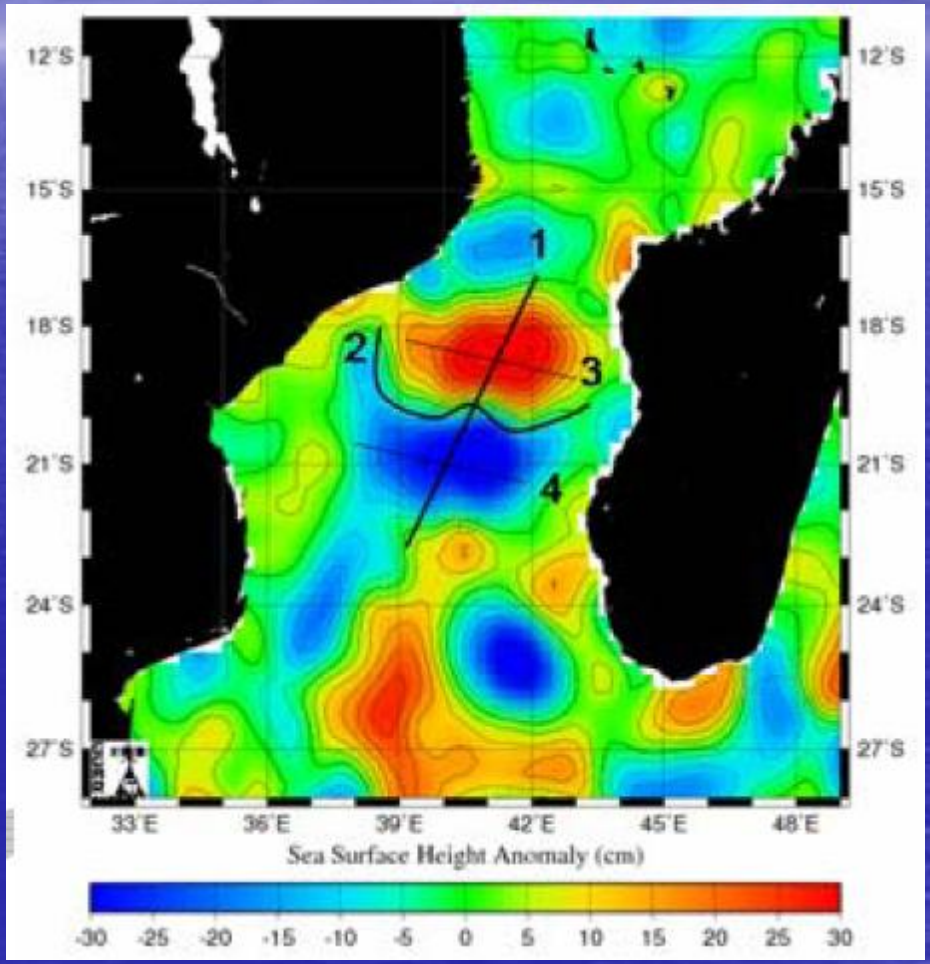
SWIOFP/ASCLME/EAF-Nansen
Supporting MESOP – a first step

- Dates: 28th Nov-18th Dec
- SWIOFP: France, Madagascar, Mozambique
- Platforms: Nansen, Manohal



MESOP/SWIOFP

- The role of dipole meso-scale eddies in the enhancement of pelagic biological production and catchability of large pelagic fish in the Mozambique Channel
- Links to ASCLME and EAF-Nansen to enable full ecosystem assessment



SWIOFP/ASCLME/EAF-Nansen 2009-2011

- Provisional: decision pending meeting on 15th- 16th Dec in Rome

1. Oct-Dec 2009: Northern Mozambique, Tanzania, Kenya, Comoros
2. May-Jul 2010: South Africa, Madagascar, Reunion, Mauritius, Seychelles, Mozambique
3. May-July 2009: Northern Mozambique, Tanzania, Kenya, Comoros

- SWIOFP 220 Nansen days
- Plus wet-leasing funds