

Benguela Current LME Programme

• Countries: Angola, Namibia and South Africa

• Duration: 2002 - 2007

• Implementing agency: UNDP

• Executing agency: UNOPS

• GEF: US\$ 15,000,000.00

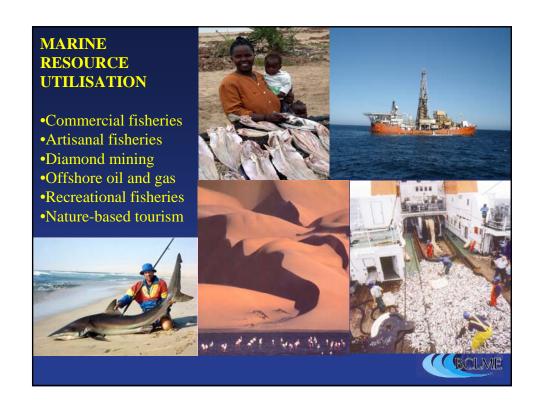
• In-kind: US\$ 18,000,000.00

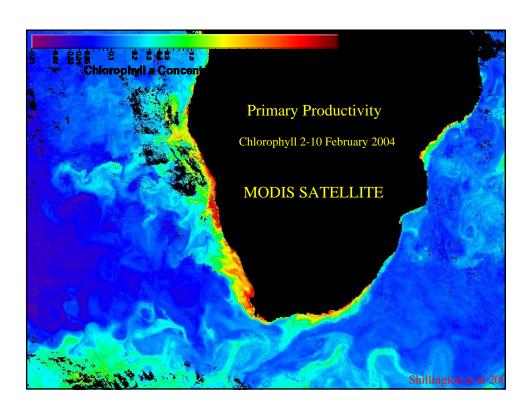
 Goal: Integrated management, sustainable development and protection of the ecosystem

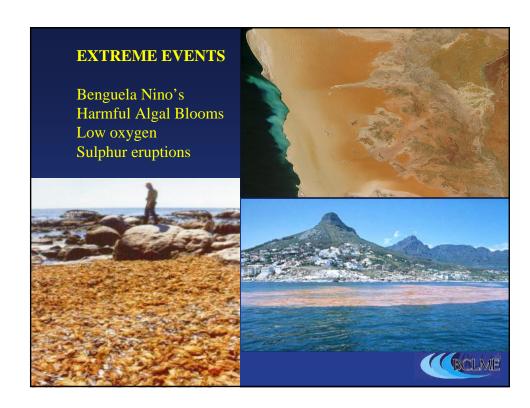




THE BENGUELA CURRENT LARGE MARINE ECOSYSTEM CURRENTS AND BOUNDARIES Angola Current (warm) Benguela Current (cold) Aghulas Current (warm) EEZ's of Angola, Namibia and South Africa Samourt CABROA ANGOLA Angola Ford Angola Current Congo River Congo River Congo River Congo River Congo River Congo River Current Angola Current Congo River Co

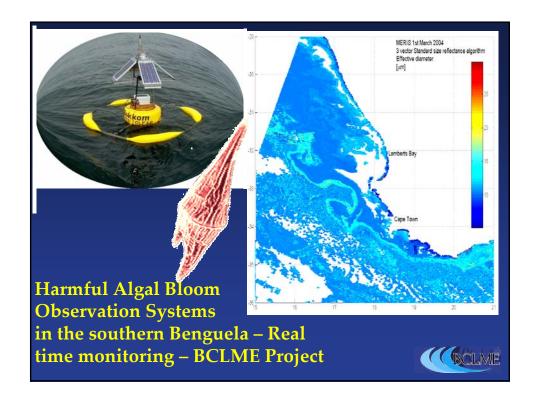




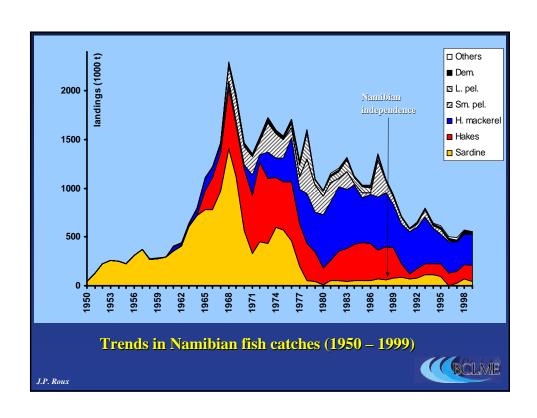




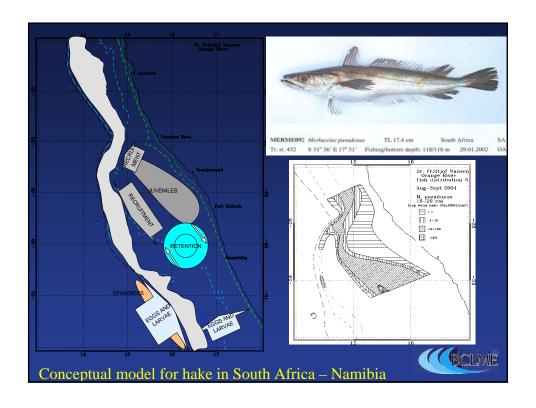


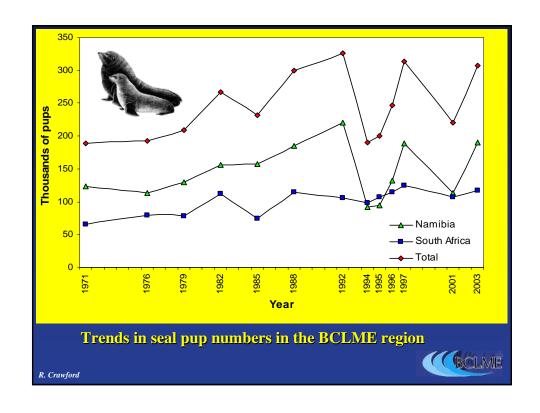


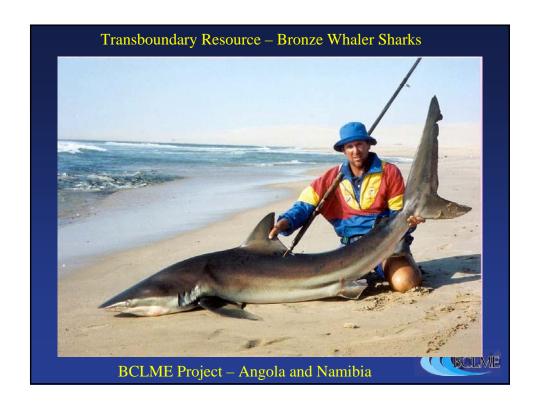












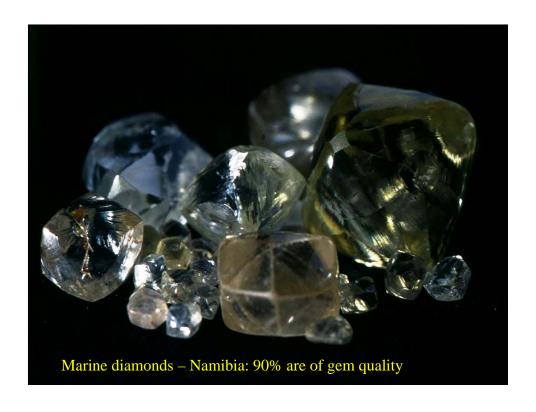














International Co-operation

- FAO (Ecosystem approach to fisheries –EAF)
- IOC (Annual consultative meetings, LMEs)
- IOC-GOOS Africa (operational oceanography)
- UNEP (GPA Pollution, Regional Seas, LMEs)
- NOAA (Global LME's and consultations)
- GEF IW:LEARN (LMEs shared experiences and lessons learned)

Key Regional Instruments and Initiatives

- SADC Treaty on regional development and integration
- SADC Protocol on Fisheries
- BENEFIT (partners: Norway Germany)
- SEAFO (South East Atlantic Fisheries Organisation)
- Monitoring, Control and Surveillance of Fishing Activities (EU SADC MCS Programme)
- NEPAD (New Partnership for African Development)



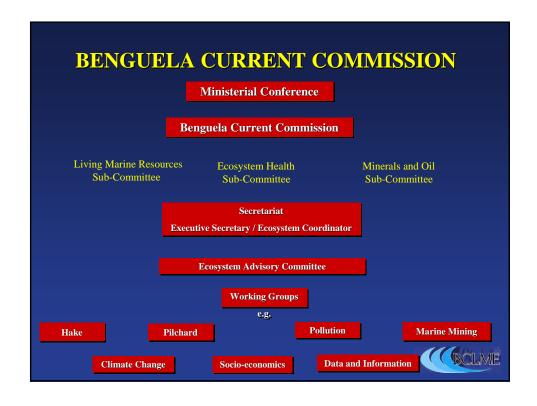
Some Key International Instrument

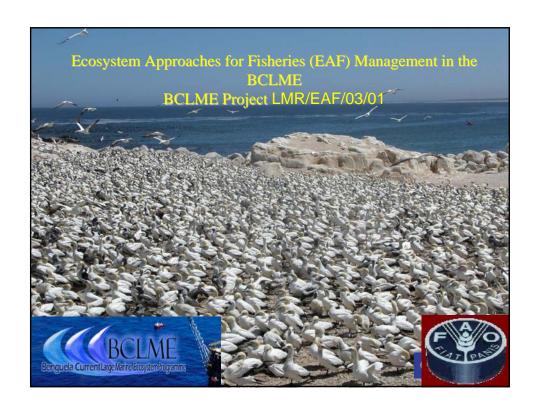
- UNCLOS (1982) Law of the Sea
- UNCED (1992) LME's
- Convention on Biodiversity (1993)
- KYOTO (1995) "Code of Conduct for Responsible Fishing FAO)
- UN Agreement 'Straddling and Highly Migratory Fish Stocks (1995)
- UN Millenium Goals (Goal 7 ensure environment sustainability
- Reykjavik Declaration (2001) "Ecosystem Approach to Fisheries Management"
- WSSD Johannesburg (2002)

Co-operation with other African LME

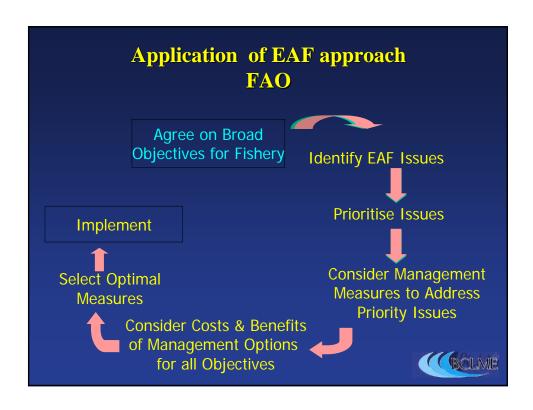
- Guinea Current LME
- joint assessment of shared stocks and pollution
- survey cruises, training, scientific exchange
- workshops and consultations
- Canary Current LME
 - Regional workshop, TDA, consultations
- Aghulas-Somali Current LME
- Regional workshop and consultations

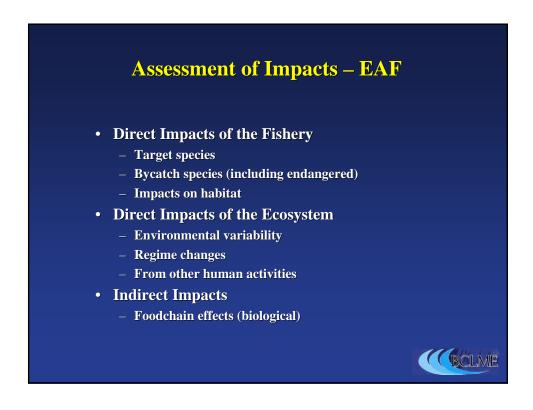












BCLME EAF Project Objectives

- i) to investigate the feasibility of EAF management in the BCLME region through examining the existing issues, problems and needs related to EAF; and
- ii) using the best available scientific and other relevant information, to evaluate different management options for achieving sustainable management of the resources at an ecosystem level.



Project Structure

- National task groups to enable input from and discussion between stakeholders
- Science and modelling groups to generate and/or synthesise scientific information to guide consideration of EAF
- Regional meetings and workshops to enable cooperation and consultation between partner countries



Fisheries Considered

Angola	Namibia	South Africa
Demersal trawl	Hakes	Hakes/demersal
Artisanal	Purse seine - small pelagics	Small pelagics
Small pelagics	Midwater trawl - horse mackerel	West coast rock lobster



Selected Shared Stocks in BCLME

Species	Angola-Namibia	Namibia-South Africa
Deepwater hake		X
Shallow water hake		X
Seabirds and seals	X	X
Kabeljou & other linefish		
Sardine	X	?
Cape horse mackerel	X	?
Large-eye dentex	X	
Deepwater crab	X	X

Main Elements of the Project

- 1. Review of implications of existing target-management objectives and strategies (strengths, weaknesses, consequences)
- 2. Consideration of objectives and changes to management measures & strategies for implementation of EAF (national+regional);
- 3. Cost-benefit analyses to assist in selection of management options for EAF;
- 4. Scientific support and information;
- 5. Towards implementation (decision-making, incentives, research and institutions).



Progress and Plans

• 2004

- Meetings of National Task and Science and Modelling Groups to consider gaps and needs.
- Regional workshop on risk analysis and indicators.

· 2005

- Preliminary investigations on indicators for EAF.
- Seven risk analysis workshops in the 3 countries to identify & prioritise EAF issues for selected fisheries.

2006

- Regional workshop methods for cost-benefit analyses
- Cost-benefit workshops for all fisheries
- Studies on incentives, decision-making, indicators
- Final regional workshop for synthesis and conclusions



Project Outputs - Putting it all Together

- Identification of most pressing EAF issues in BCLME
- Consideration of governance needs and management measures required
- Evaluation of costs and benefits of implementation of governance and management for EAF
- Facilitating implementation : decision-making, incentives, indicators
- Advisory report to BCLME governments

