



MAKING THE BEST USE OF THE NANSEN DATA THROUGH THE NAIROBI CONVENTION PLATFORM

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Nairobi Convention COP 8
Science to Policy Workshop
20 June 2015

FAO/EAF-Nansen Project as an emerging partner for the Nairobi Convention

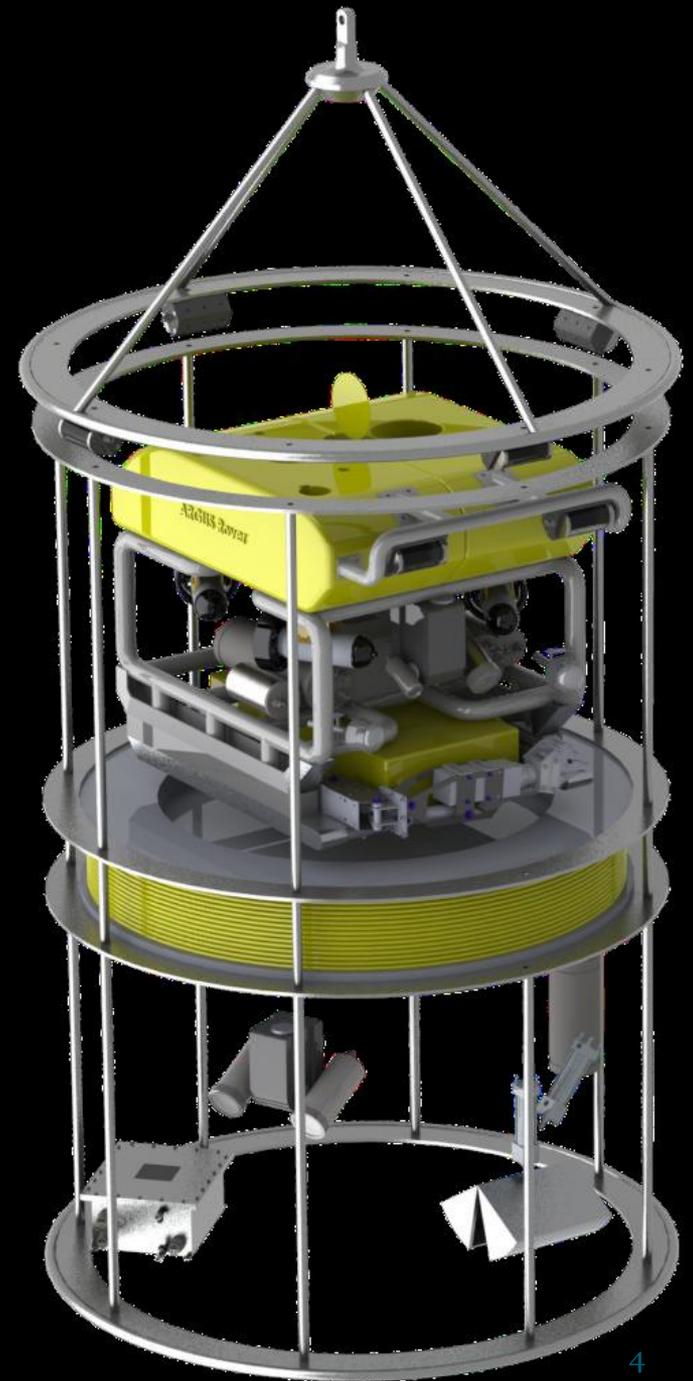
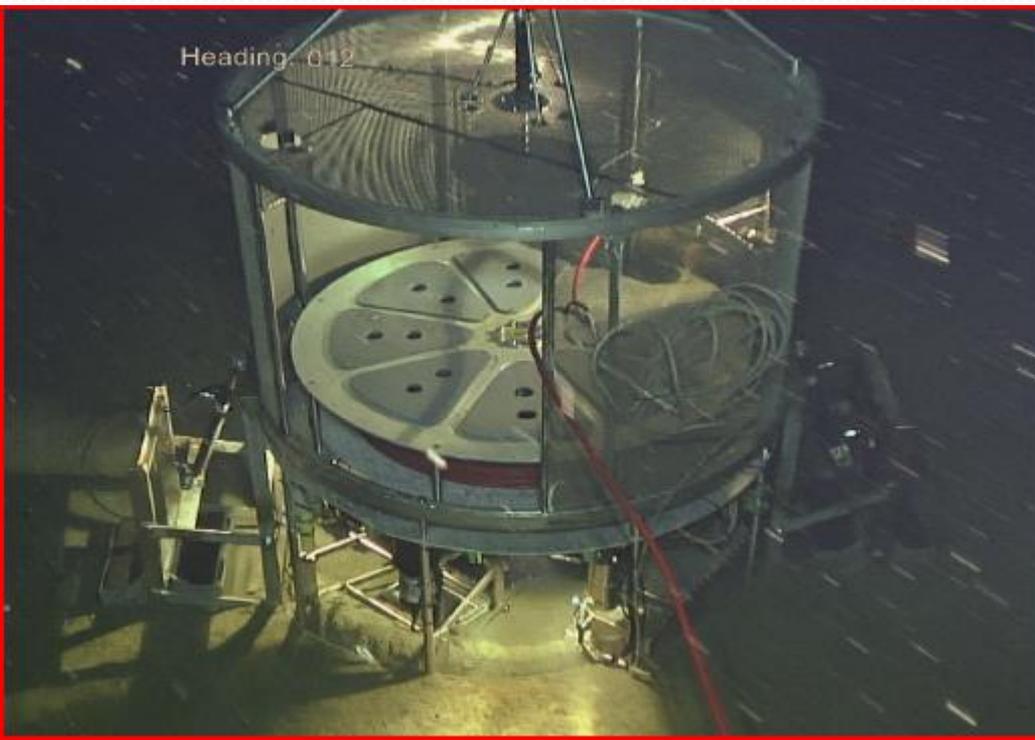
Brief Introduction about the project

- Support fisheries policy formulation
- Support fisheries management
- Ecosystem assessments and monitoring
- Supporting oil and gas initiatives
- Capacity Building underlies all activities

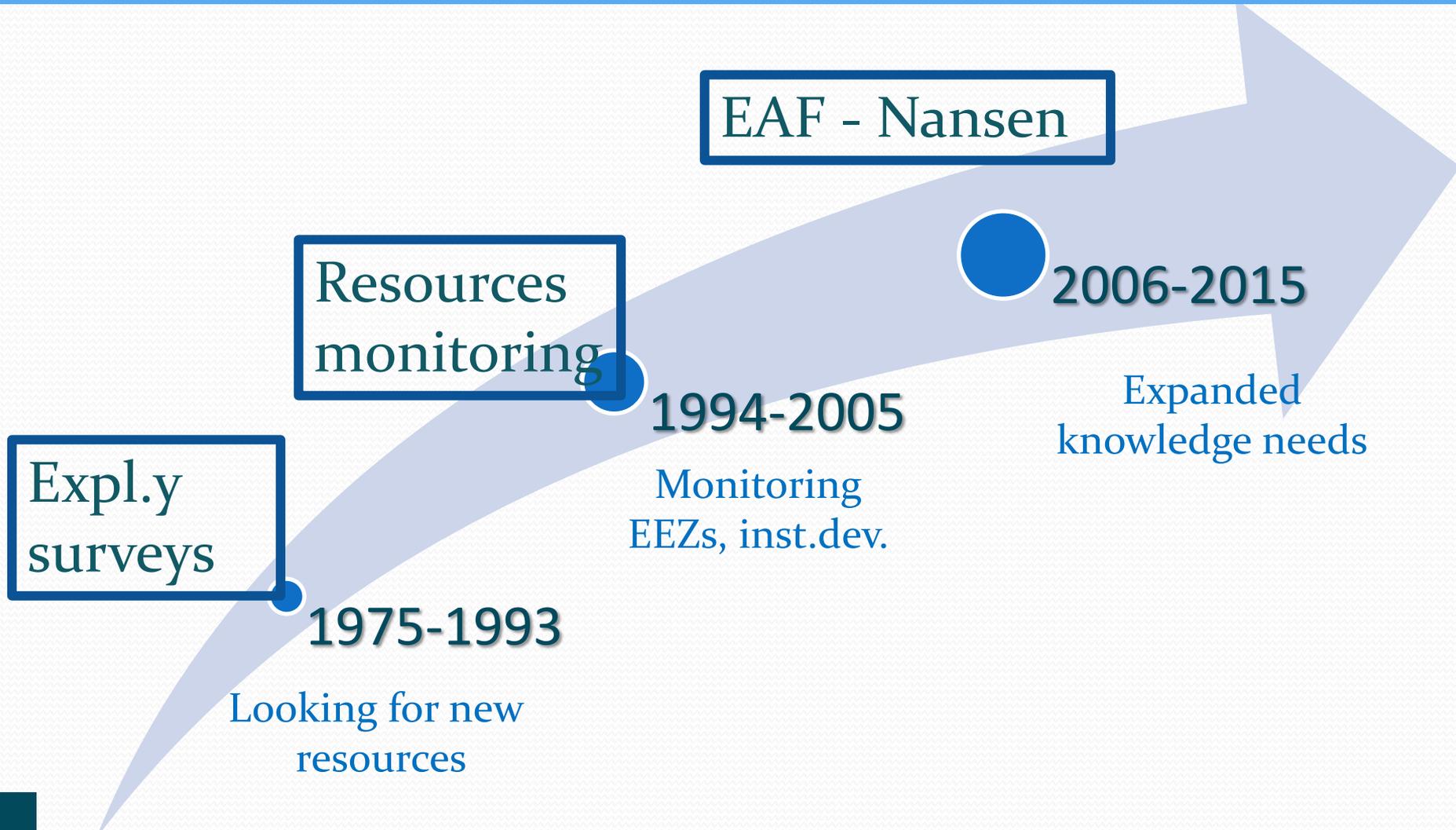
- A modern, multi-purpose research vessel



- Co-funding for Vessel Operating Cost
- Capacity for integrated assessment and management of marine resources



Evolving drivers and needs of partners



Expl.y
surveys

Resources
monitoring

EAF - Nansen

1975-1993
Looking for new
resources

1994-2005
Monitoring
EEZs, inst.dev.

2006-2015
Expanded
knowledge needs

Year	Country/Region	Type of cruise
1977	Mozambique	Pelagic and demersal
	Mozambique	Pelagic and demersal
1978	Mozambique	Pelagic and demersal
	Mozambique	Pelagic and demersal
	Seychelles	Pelagic and demersal
1980	Mozambique	Pelagic and demersal
	Kenya	Pelagic and demersal
1982	Tanzania	Pelagic and demersal
	Kenya	Pelagic and demersal
	Mozambique	Pelagic and demersal
	Tanzania	Pelagic and demersal
	Kenya	Pelagic and demersal
1983	Kenya	Pelagic and demersal
	Tanzania	Pelagic and demersal
	Mozambique	Pelagic and demersal
	Madagascar	Pelagic and demersal

1984	Somalia	Pelagic and demersal
	Somalia	Pelagic and demersal
1990	Mozambique	Pelagic and demersal
	Mozambique	Pelagic and demersal
	Mozambique	Special studies
2007	Mozambique	Special studies
2008	Madagascar	East Madagascar Current Ecosystem Survey
	Mauritius	Mauritius Ecosystem Survey
	Mauritius, Seychelles	ASCLME Survey No 3: Mascarene Plateau survey - Part 1
	Mauritius, Seychelles, Mozambique	ASCLME Survey No 3: Mascarene Plateau survey - Part 2
	Mozambique, Madagascar	ASCLME Survey No 4: Mozambique Channel

2009	Mozambique	SWIOFP/ASCLME 2009 Cruise 1: Survey of the living marine resources of North Mozambique
	Madagascar	SWIOFP/ASCLME / FAO 2009 Cruise 2: West Madagascar Pelagic Ecosystem Survey
	Comores, Mayotte, Mozambique, Madagascar	Survey of the Comores Gyre
	Southern Indian Ocean	Southern Indian Ocean seamounts
2010	Mauritius	Survey of the demersal resources on the western slopes of St. Brandon and Nazareth Bank, Mauritius
	Mauritius	Pelagic fish resources
2014	Mozambique	Mozambique Ecosystem Survey
2015	Seychelles, Mauritius, Madagascar	Demonstration surveys

Three key challenges :

- Inadequate knowledge of the impacts of stressors such as fisheries, climate variability and change, pollution on marine ecosystems and their social and economic consequences;
- Inadequate systems and practices for sustainable management of marine capture fisheries, further challenged by climate and pollution impacts; and
- Insufficient capacity for implementing EAF, including for the promotion of gender equality and effective participation of women.

Work areas

- Fishery resources, associated/impacted species and fisheries (mapping the distribution of and assessing the abundance, structure and dynamics of main fishery resources, including understanding of key biological parameters and the impacts of fisheries;
- Characterization of ecosystems, including setting baselines and systems to monitor changes and impacts
- Understanding the impacts of climate change and other anthropogenic impacts on fish stocks and ecosystems

- Over the years the programme has developed into a unique mechanism for cooperation, knowledge generation and exchange of technology and lesson learning in developing regions, particularly in Africa.
- Thanks to the use of the United Nations flag, the R/V *Dr Fridtjof Nansen* easily moves across jurisdictional boundaries to address transboundary issues.
- Most credible and sometimes only independent source of data on marine (fishery) resources

Nansen surveys 1975-2014

60+ countries in Africa, Asia and S. America



DR. FRIDTJOF NANSEN SURVEYS 2007

04 GCLME Gulf of Guinea
East

03 Angola Demersal

05 Angola Pelagic

02 Hypoxic studies BCC

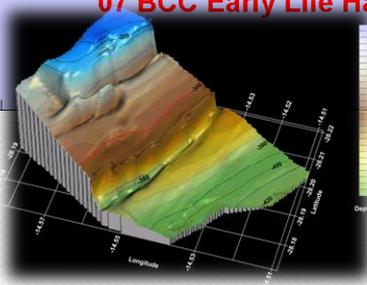
01 Regional hake

06 BCC Early Life, Hake

07 BCC Early Life Hake II

08 Mozambique
Ecosystem monitoring

08b Mozambique
Special Studies



DR. FRIDTJOF NANSEN SURVEYS 2008

03 Angola Environment
Cabinda

04 Regional Pelagic
(Gab-Ang-Nam)

02 Angola Demersal

08 Mozambique
Channel

07 Mascarene
Seychelles

Moorings

06 Mauritius

05 Madagascar,
West

01 Regional hake



DR. FRIDTJOF NANSEN SURVEYS 2009

05 Ghana Environment

04 Angola Environment

03 Angola Demersal

06 Regional Pelagic
(Ang-Nam)

02 Early Life Hake

01 Regional hake

07 Mozambique
North

08 Madagascar
West

09 Comores
Basin

10 Southern
Seamounts



- Fish datasets
- Environmental datasets
- Use by SWIOFP/ASCLME
- The Nansen Data Policy

- Are the countries making use of this wealth of data and information in the management of their fisheries?
- What additional benefit can be derived for the data and information through the Nairobi Convention Platform?
- What is the way forward?
(the NC Secretariat, WIOMSA, and IOCAFRICA have been involved in the development of the new phase of the Programme)

EAF-Nansen Project

**EAF
Management**

**(Capacity
development)**

R/V Dr F. Nansen surveys

EAF Framework

Ecological

**Social and
Economic**

**Governance &
External factors**

Countries are managing their fisheries sustainably

Fisheries management process

- Partnered with SWIOFP to assist each country in the WIO region to come up with one management plan

Country	Fishery	Mgt. Plan	Plan approved	Operational / Action Plan	Needs Assessment	Implementation
MOZAMBIQUE	Sofala Bank shrimp	√	√			
	Linefish	√	√			
SEYCHELLES	Linefish					
TANZANIA	Small & medium pelagic	√	√	√-		√
KENYA	Small & medium pelagic	√	√			
COMOROS	Demersal	√	√			√
MADAGASCAR	Demersal	√	√			
MAURITIUS	Banks/Demersal	√	√	√	√-	√



VISIT

- Website: www.fao.org/in-action/eaf-nansen
- Flickr:
<https://www.flickr.com/photos/67578091@No8/>
- YouTube: <https://www.youtube.com/user/eafnansen>