THE EAF-NANSEN PROJECT
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FOLLOW-UP AND POSSIBLE SYNERGIES
”THE DR FRIDTJOF NANSEN SURVEY PROGRAMME”

– A model for development cooperation in fisheries

– A UN-flagged research vessel with Norwegian crew and core scientific team and advised by FAO

– To support newly independent States to develop their fisheries
1975 –1993

- 162 cruises
- 155 Survey reports
- Nearly 350 local scientists and technicians

- New resources found
- Advice on fisheries development (avoidance of investment in resource-poor areas)
- The survey data were used in preparation/revision of fisheries development plans
Regional approach in the Nansen Programme

- NW-Africa
- Benguela BENEFIT
- South-east Asia
December 2006: The Nansen Programme became the EAF-Nansen project
- Changing needs of partners
- Emerging drivers
- Global fisheries management regimes

The vessel remained a key resource
Countries are managing sustainable fisheries
Activities.....

• Fisheries policy formulation
• Fisheries management in line with the ecosystem approach to fisheries
• Ecosystem assessments and monitoring
• Capacity Development
• Dissemination of lessons learnt
Working with LME Programmes/RFBs

- CECAF North (CCLME) >> CSRP
- CECAF South (GCLME) >> FCWC, COREP
- BCC (BCLME)
- SWIOFC (ASCLME)

RFBs as the reliable entry points

- COREP/ECCAS (and FCWC)- Gulf of Guinea industrial shrimp fisheries management
- CSRP – Northwest Africa small pelagic fisheries management
• **CECAF:**
  – Organization of fishery resources Working Groups (CECAF North and South; pelagic and demersal)
  – Scientific Sub-Committee and Committee meetings
  – Training workshops in fish stock assessment and survey data analysis

• **SWIOFC, BCC:**
  – Helped to establish (and nurturing) fishery resources WGs (pelagic and demersal)
  – Established EAF implementation baseline for all SWIOFC, CECAF countries
  – Training workshops in fish stock assessment and survey data analysis

• **PROJECTS**
  – NFFP, LMEs, SWIOFP
EAF-NANSEN PROJECT SIDE EVENT AT COFI, 9 JUNE 2014
WHAT NEXT?
Transitioning into a New Phase (2016-2020)

– A new vessel under construction
– A new science, management and capacity development programme
Evolving drivers and demands

- **1975-1993**: Looking for new resources
- **1994-2005**: Monitoring EEZs, inst.dev.
- **2006-2015**: Expanded knowledge needs, scope of management
- **2016-**: Multiple drivers

**Expl. surveys**

**Resources monitoring**

**EAF - I**

**EAF-II**
Present drivers of marine ecosystem change

• Overfishing, ecosystem impacts of fishing

• Land-based pollution (including marine debris)

• Oil and gas exploration and exploitation

• Climate change & oceans acidification
Climate change impacts

Impacts from pollution (oil/mining/land-based sources)

Sustainable fisheries (EAF)
Potential stakeholders/beneficiaries and partners

National
• Fisheries and environmental institutions in developing countries

Regional
• Regional programmes, RFBs/RFMOs, IOC sub-commissions, UNEP Regional Seas Programme, LMEs

Global
• UN agencies, INGOs
The New EAF-Nansen Programme

- Will continue supporting EAF implementation;
- Capacity development for fisheries management;
- Expected to contribute to global climate change programme - monitoring the oceans around developing nations;
- the R/V as a UN platform for marine observations
The desired impact: ensuring sustainability of marine fisheries and ecosystems to support livelihoods, economic growth and food security
Main programme components

1. Science component
2. Management and policy (EAF)
3. Capacity development
THREE OUTCOMES
Outcome 1:

The knowledge base for the sustainable management of fisheries resources in the face of climate variability and change, pollution and anthropogenic pressures is enhanced.
Science component

Sustainable fisheries
- Abundance, distribution, structure of shared and other important fish stocks
- Ecology and dynamics of resources
- Multidisciplinary understanding of sustainability of fisheries
- Management and analysis of fisheries related data and information

Climate change
- Knowledge on impacts of climate variability and change on structure, diversity and productivity of marine ecosystems.

Pollution/oil/mining
- Monitor and assessing the marine environment in relation to impacts of pollution.
- Key environmental information for evidence based decisions to reduce impact of oil and mining on fishery resources
- Impact of pollutants on fish food safety

In collaboration with national and international partners
Outputs

• **Knowledge** on the abundance, distribution and structure of **shared and other important fish stocks** is obtained through regular and coordinated surveys;

• **Knowledge** on the **impacts of climate variability and change** on the structure, diversity and productivity of marine ecosystems is obtained through collection and analysis of relevant physical and biological data;

• **Key environmental information** necessary to take evidence-based decisions to **reduce the impacts of oil/pollution and mining on ecosystems and fishery resources** of trans-boundary significance are made available;

• **Impact of pollutants on fish food safety** in selected countries/areas assessed.
Outcome 2:

Management of fisheries in developing countries including taking into consideration the risks and opportunities related to climate, pollution and other environmental and anthropogenic stressors is improved.
Outputs

• Regional collaboration and cooperation to improve the management of shared marine living resources in place

• Management processes and capacity for EAF implementation in marine fisheries in developing countries enhanced

• Capacity of coastal countries for adaptation and mitigation for climate variability and change enhanced

• Knowledge and information developed including understanding the social and economic activities of fisheries
Outcome 3:

The capacity of developing countries for sustainable management of fisheries including the promotion of gender equality and effective participation of women is developed.
Outputs

• **Targeted training** of staff from regional and national institutions on the skills needed for fisheries management planning and implementation according to EAF undertaken.

• The EAF-Nansen **Technical Training Centre** and Centre for Tropical Ecosystem Dynamics established and operational
As previous phases:

- there will be emphasis on training onboard the vessel;
- there will be workshops for data analysis after surveys, formal training in research methods tools ashore.

Potential for collaboration with the RFBs/Regional environmental conventions programme under discussion here
www.eaf-nansen.org

Newsletter: e-APPROACH