

# **THE EAF-NANSEN PROJECT**

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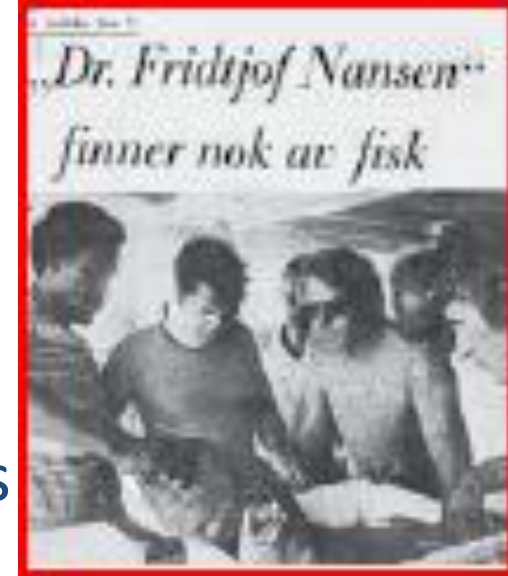
## **FOLLOW-UP AND POSSIBLE SYNERGIES**

## **”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

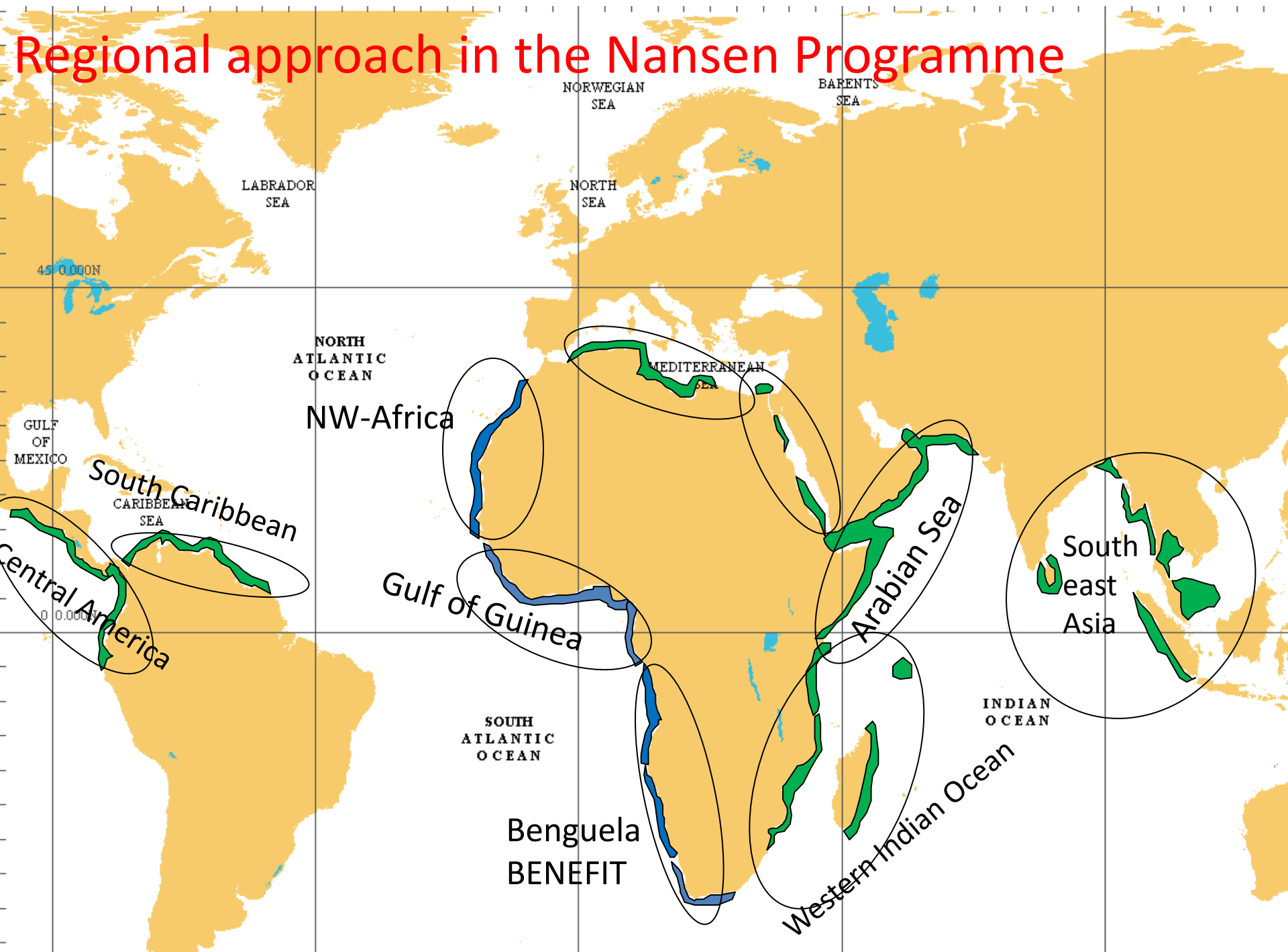
- 162 cruises
- 155 Survey reports
- Nearly 350 local scientists and technicians



- 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



- **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

# EAF-Nansen Project

**EAF  
Management**

**(Capacity  
development)**

**R/V Dr F. Nansen surveys**

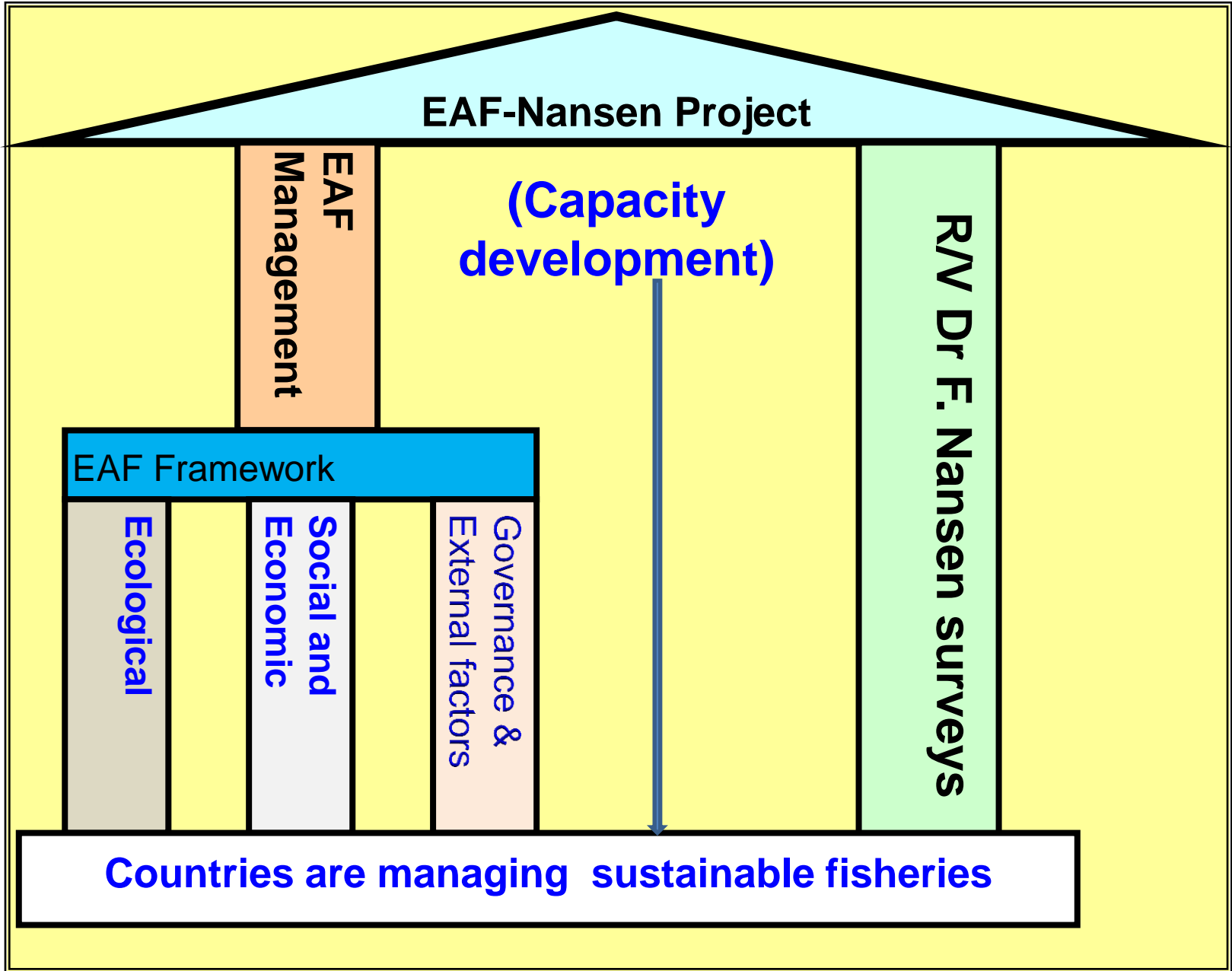
**EAF Framework**

**Ecological**

**Social and  
Economic**

**Governance &  
External factors**

**Countries are managing 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



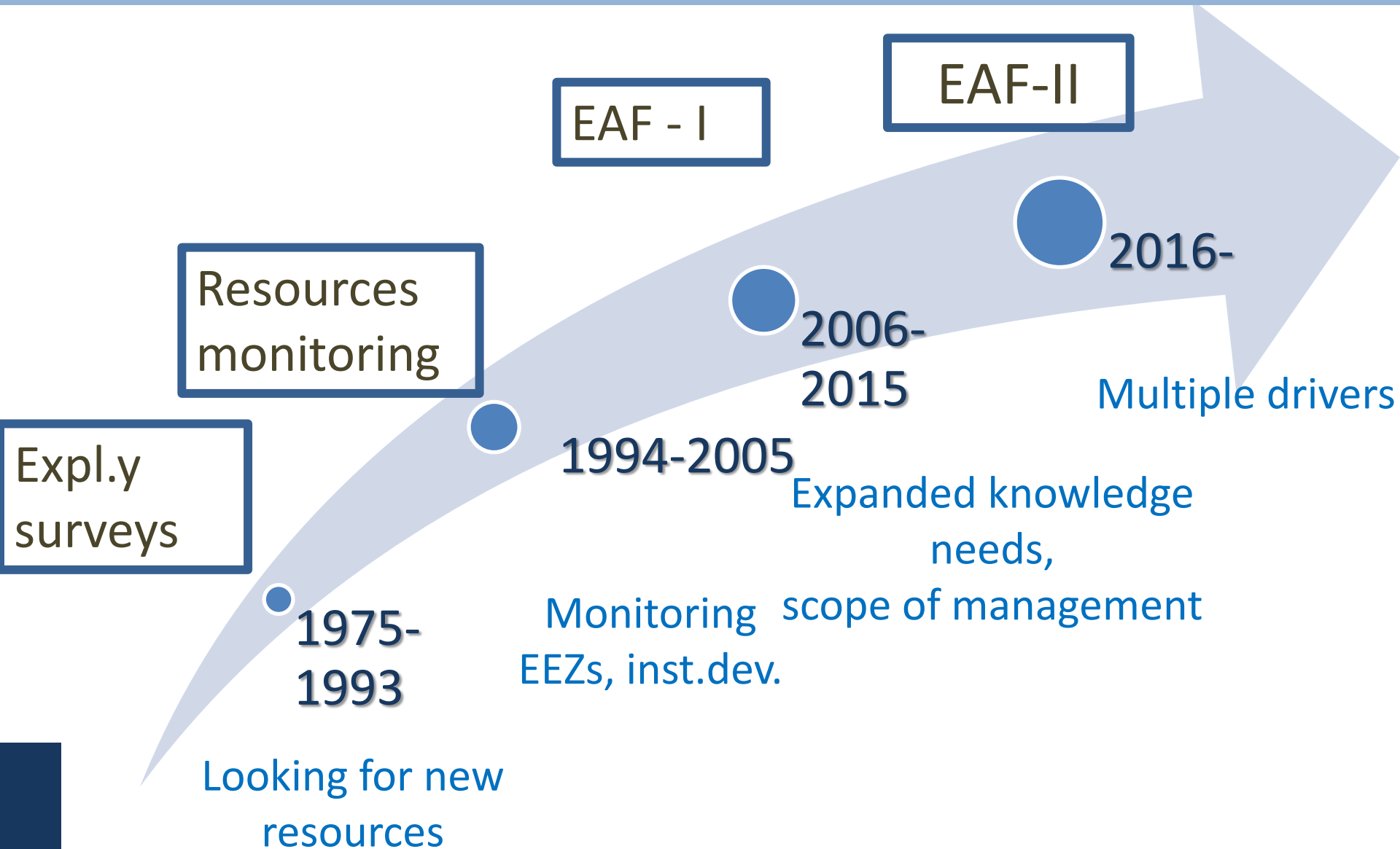
# WHAT NEXT?



## *Transitioning into a New Phase (2016-2020)*

- A new vessel under construction*
- A new science, management and capacity development programme*

# Evolving drivers and demands

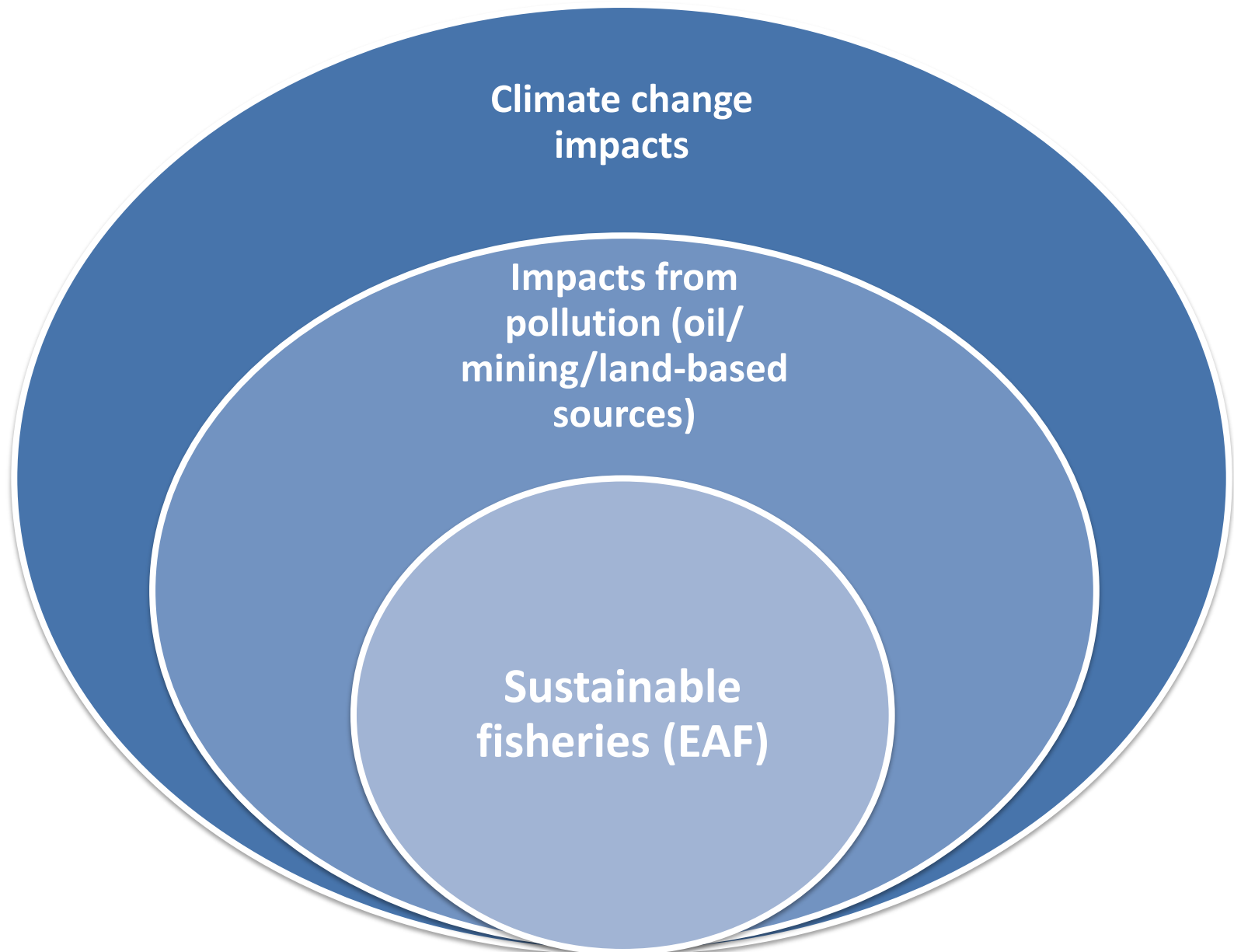


# Present drivers of marine ecosystem change

- Overfishing, ecosystem impacts of fishing
- Land-based pollution (including marine debris)
- Oil and gas exploration and exploitation
- Climate change & oceans acidification



# Conceptual framework for the New Programme



# 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



In collaboration with national and international partners

## 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

# 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](http://www.eaf-nansen.org)**

Newsletter: *e-APPROACH*