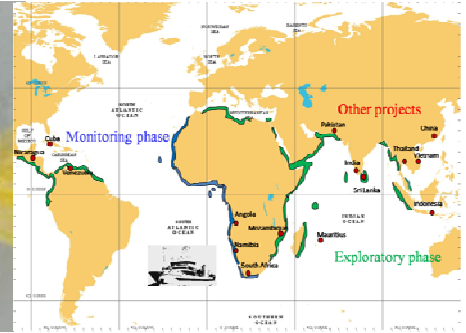




INSTITUTE OF MARINE RESEARCH



Setting the Scene: The Paradox in Fisheries Development Cooperation

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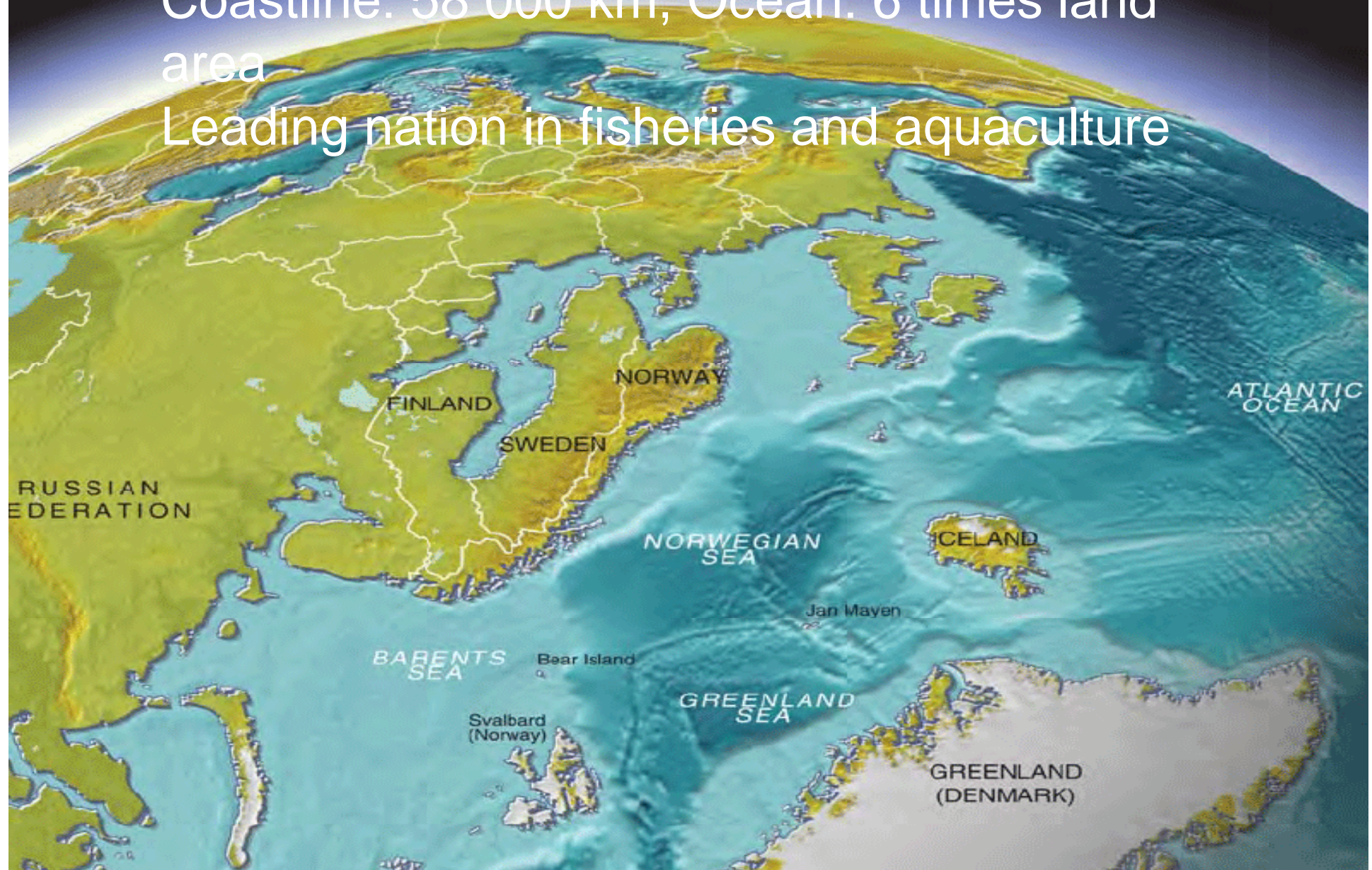


Norwegian Development Cooperation

- **Present political goal:**
Norway shall strengthen and focus foreign aid in areas where we are comparatively strong internationally
- **Internationally, Norway is in the forefront in fisheries, aquaculture and marine resources/ecosystems management**



Norway, a "coast and ocean nation":
Coastline: 58 000 km, Ocean: 6 times land
area
Leading nation in fisheries and aquaculture



BACKGROUND

- **Norway: world leading in maritime/marine sectors – including fisheries, aquaculture, oil/fish, environment, climate.**
- **Why? 1: Rich natural resources.**
- **Why? 2: Competent industries.**
- **Why? 3: Good systems for sustainable management**



My grandfather's fishing vessel, early 1950-ies.
Fishing cod (Lofoten), herring (West coast) with
gillnets, longlining for tusk and ling
60 feet, 11 crewmembers; 60 Hp engine, 7 knots,
compass, barometer



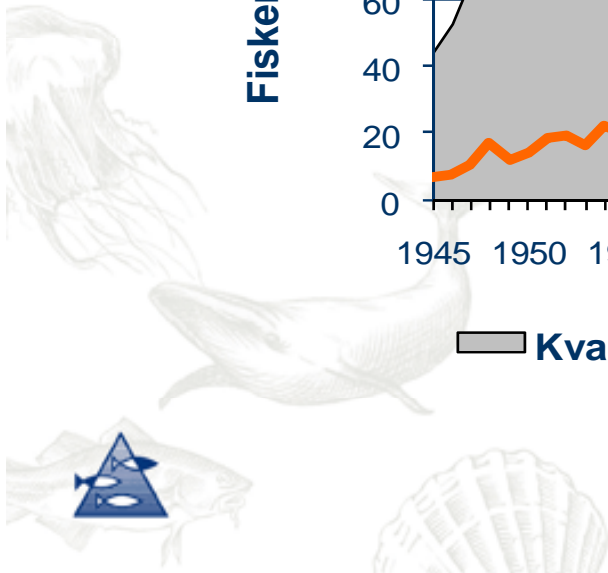
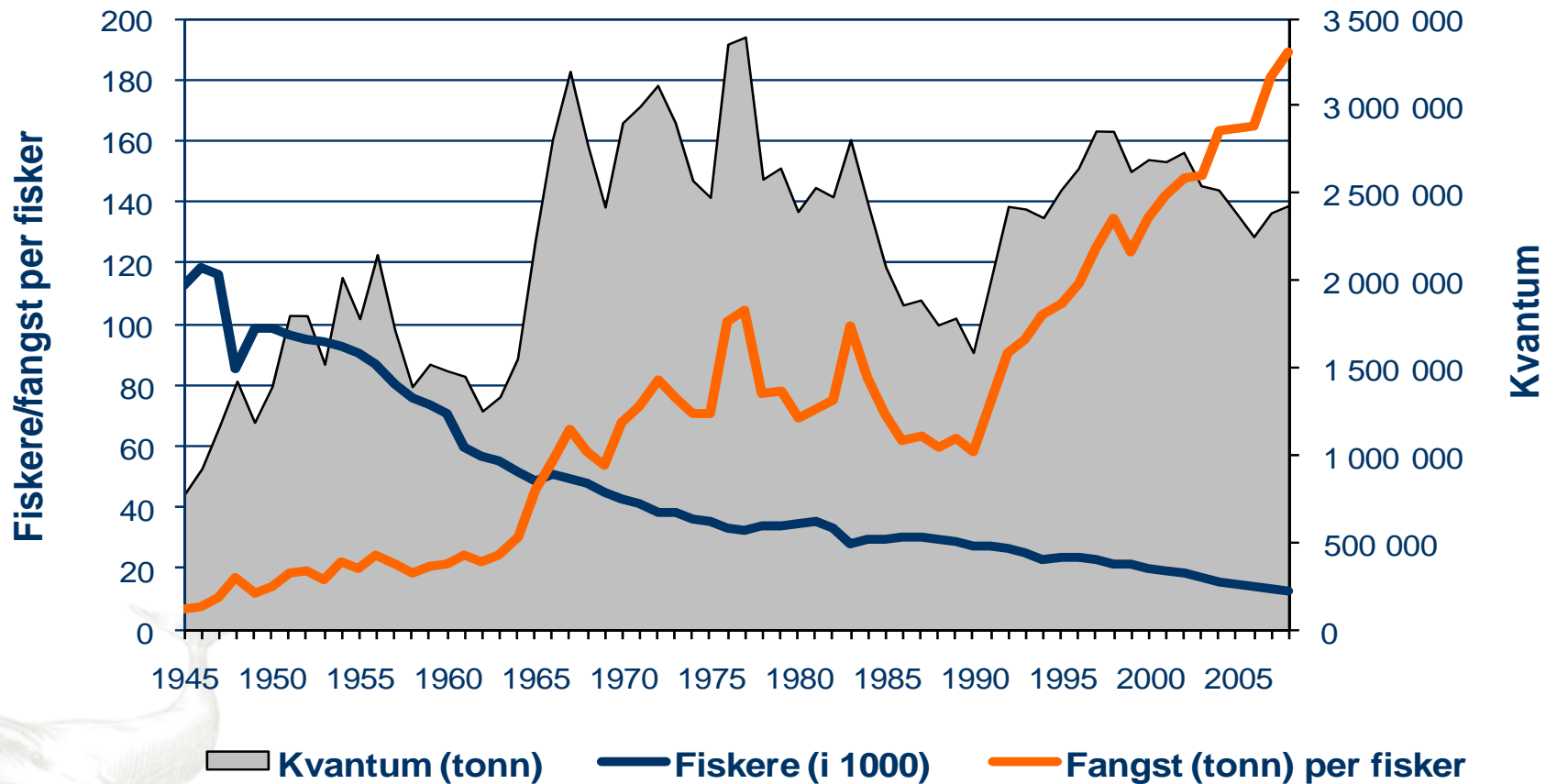
Modern speed fishing vessel, 32 feet, 25 knots, 2 crewmembers, modern instruments for fish finding, communication, navigation


Fishing power: equal to or greater than the 1950-vessel with 11 crewmembers



Norwegian catch: 1945 – 2008

Fishers and catch/fisher



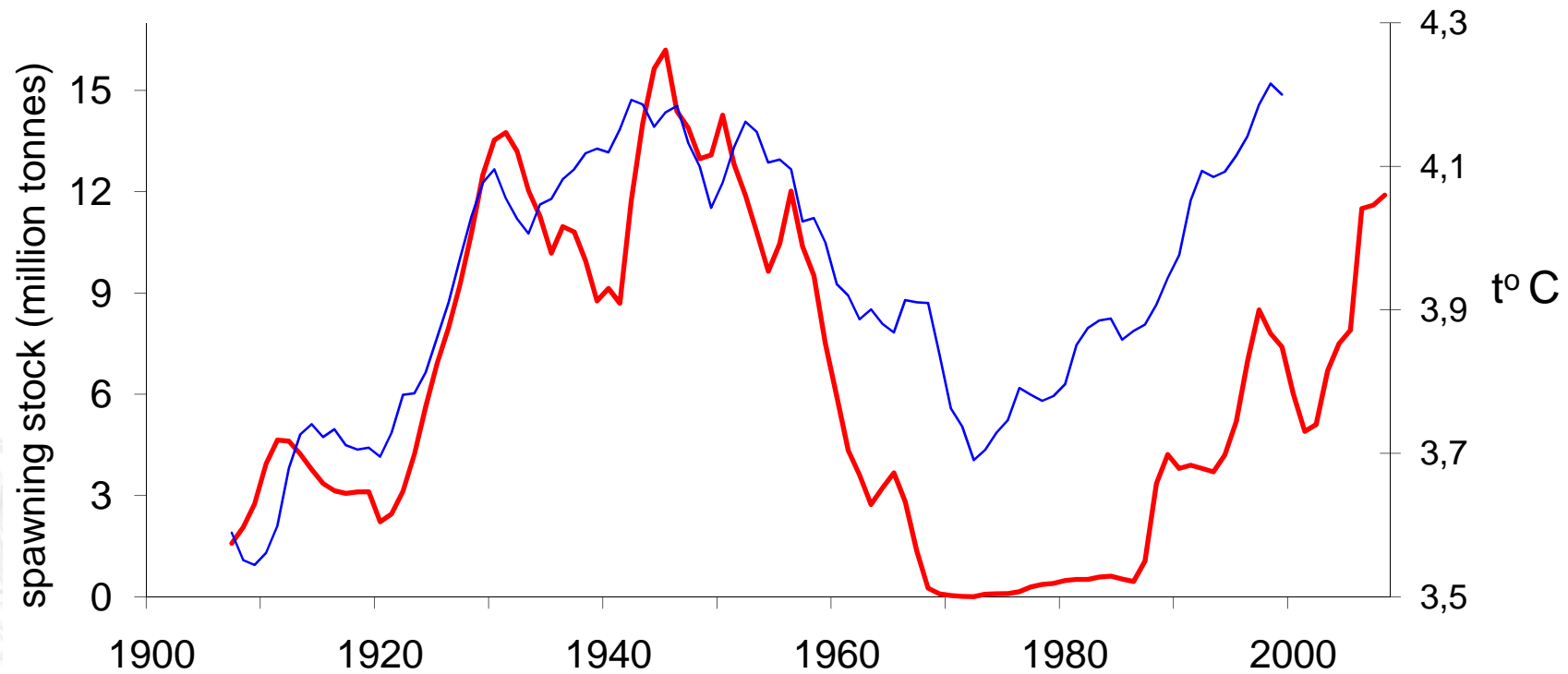


Norwegian spring
spawning herring – the
largest herring stock in
the world

The largest fish stock in
the North Atlantic



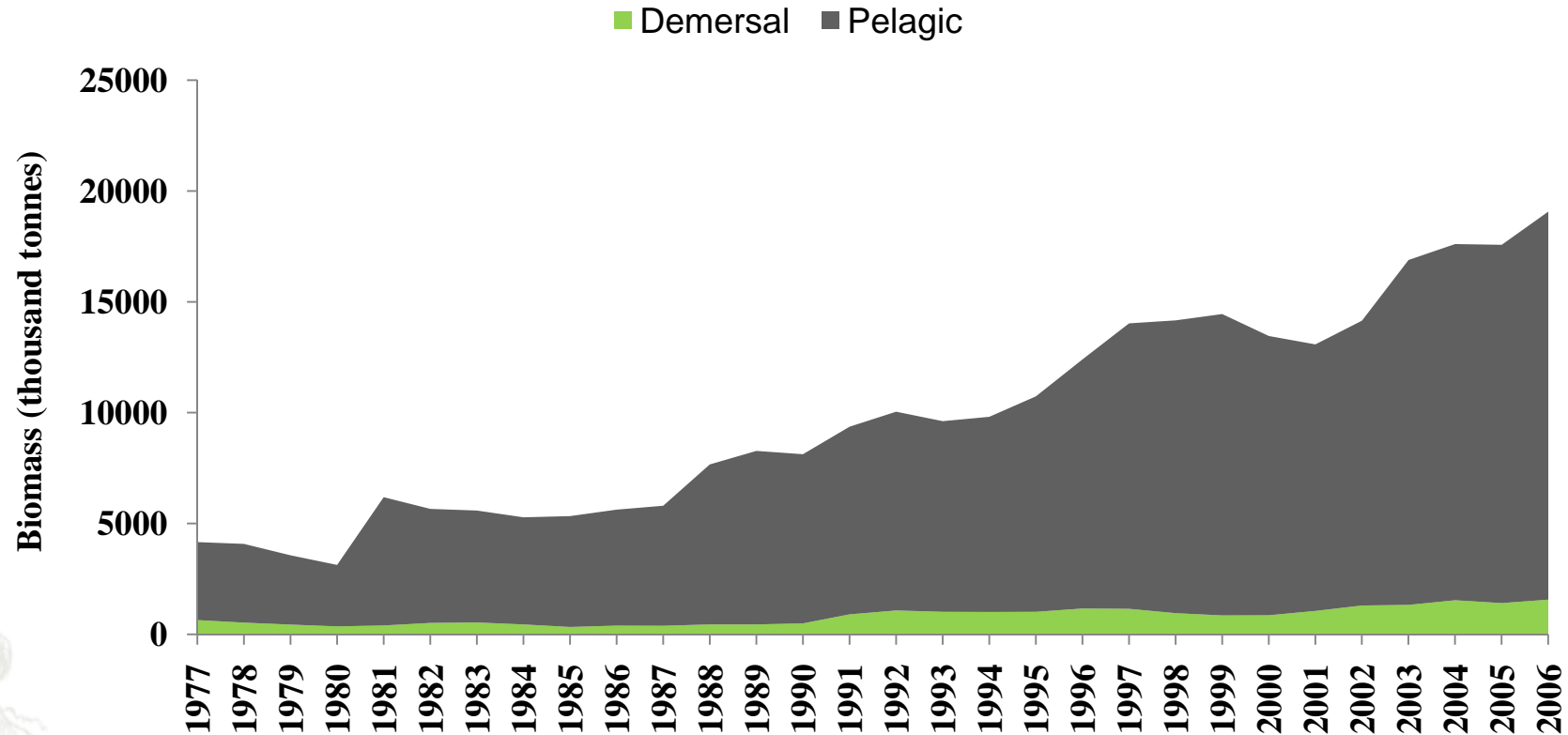
Depletion of the largest fish stock in the N. Atlantic (NSS-Herring): an eye opener and point of departure for sustainable fisheries management



(Toresen and Østvedt 2000)



Norwegian Sea

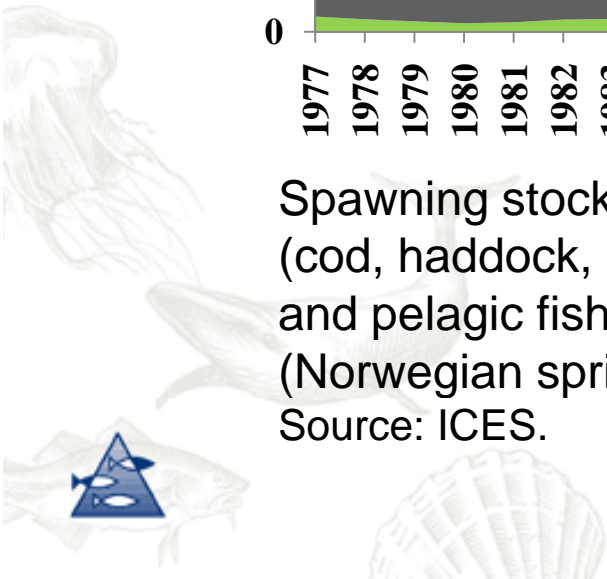


Spawning stock biomass of demersal fish
(cod, haddock, saithe, Greenland halibut)

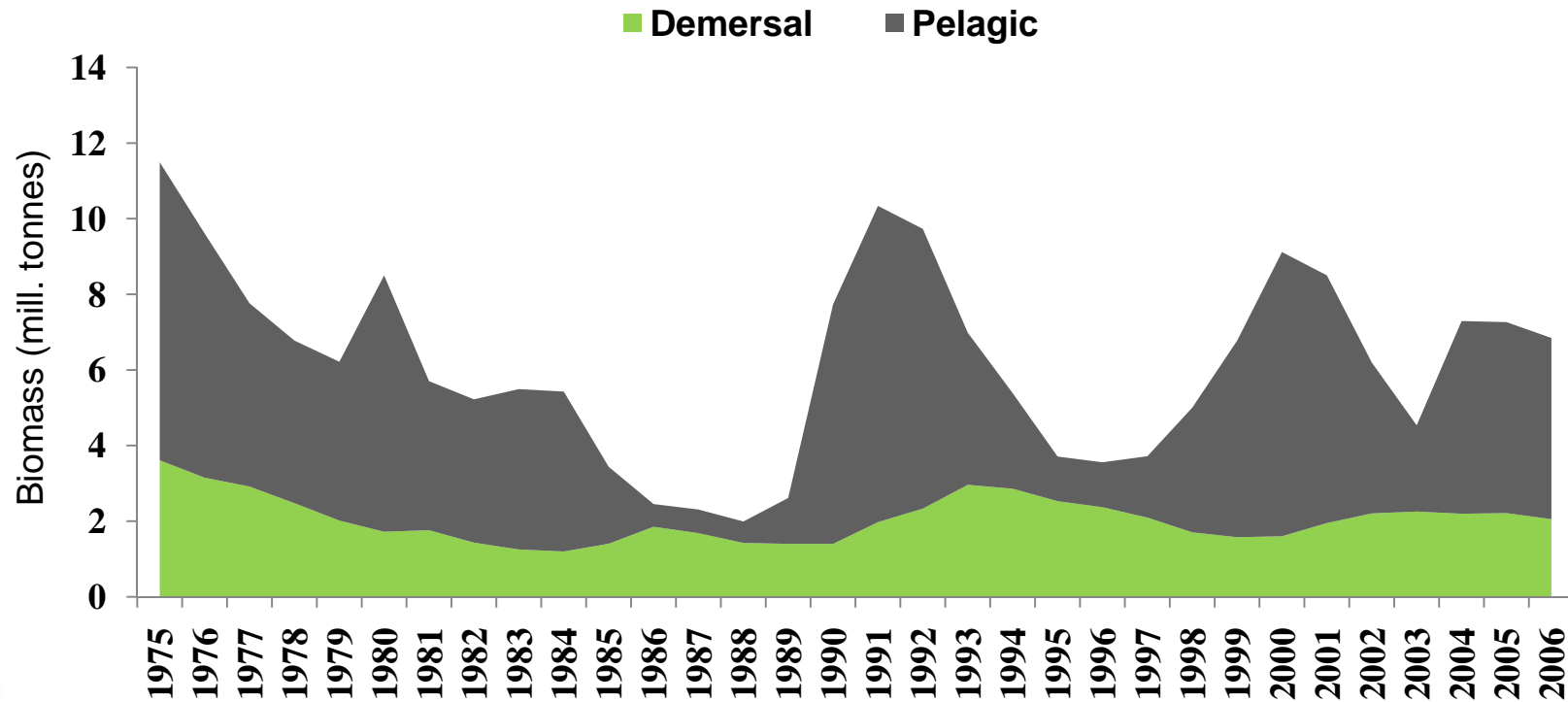
and pelagic fish

(Norwegian spring spawning herring, blue whiting (1981-), mackerel).

Source: ICES.



Barents sea



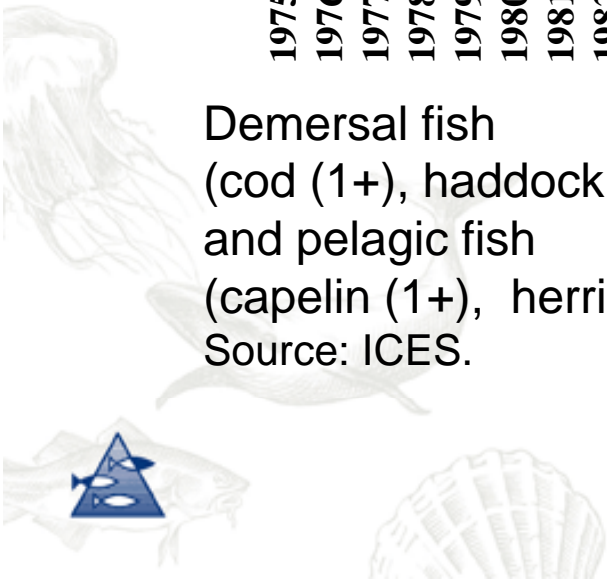
Demersal fish

(cod (1+), haddock (3+), redfish (*S.mentella* 6+), Greenland halibut (5+))

and pelagic fish

(capelin (1+), herring (1 and 2), polar cod (1+) and blue whiting (2004- (1+)).

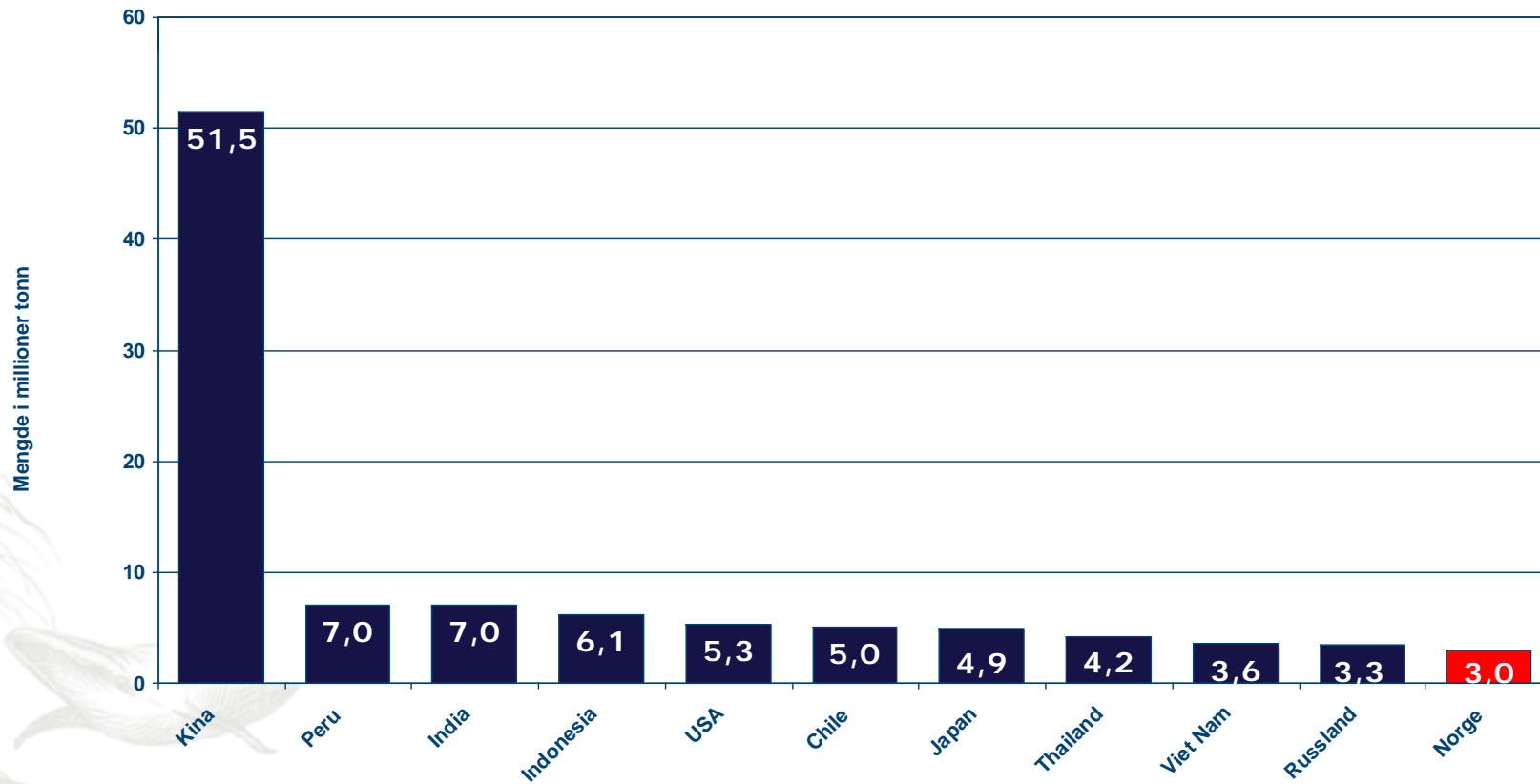
Source: ICES.



Largest fishing nations

Fisheries and aquaculture

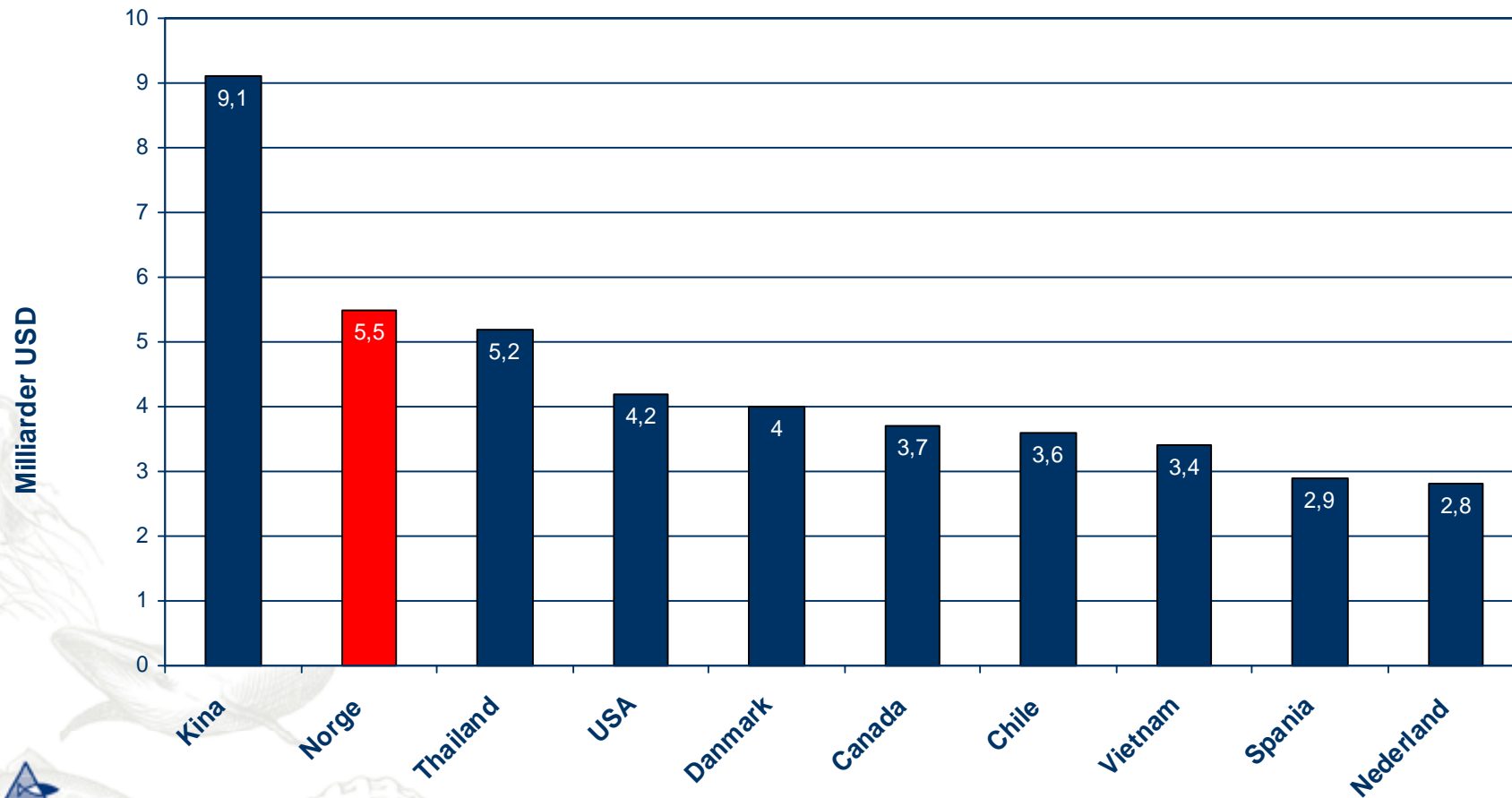
2006



Kilde: EFF, FAO

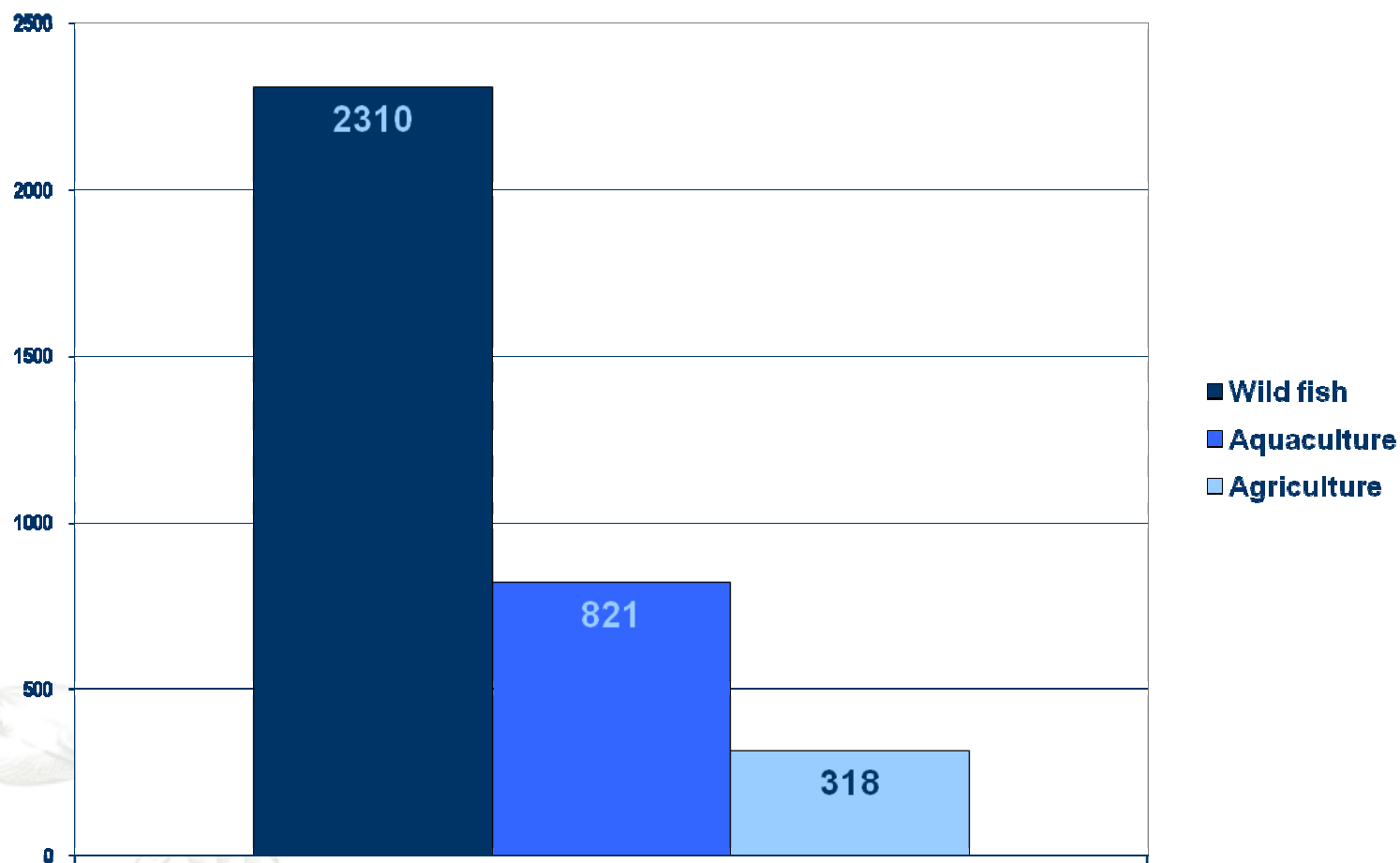
Largest seafood export nations

2006



Kilde: FAO

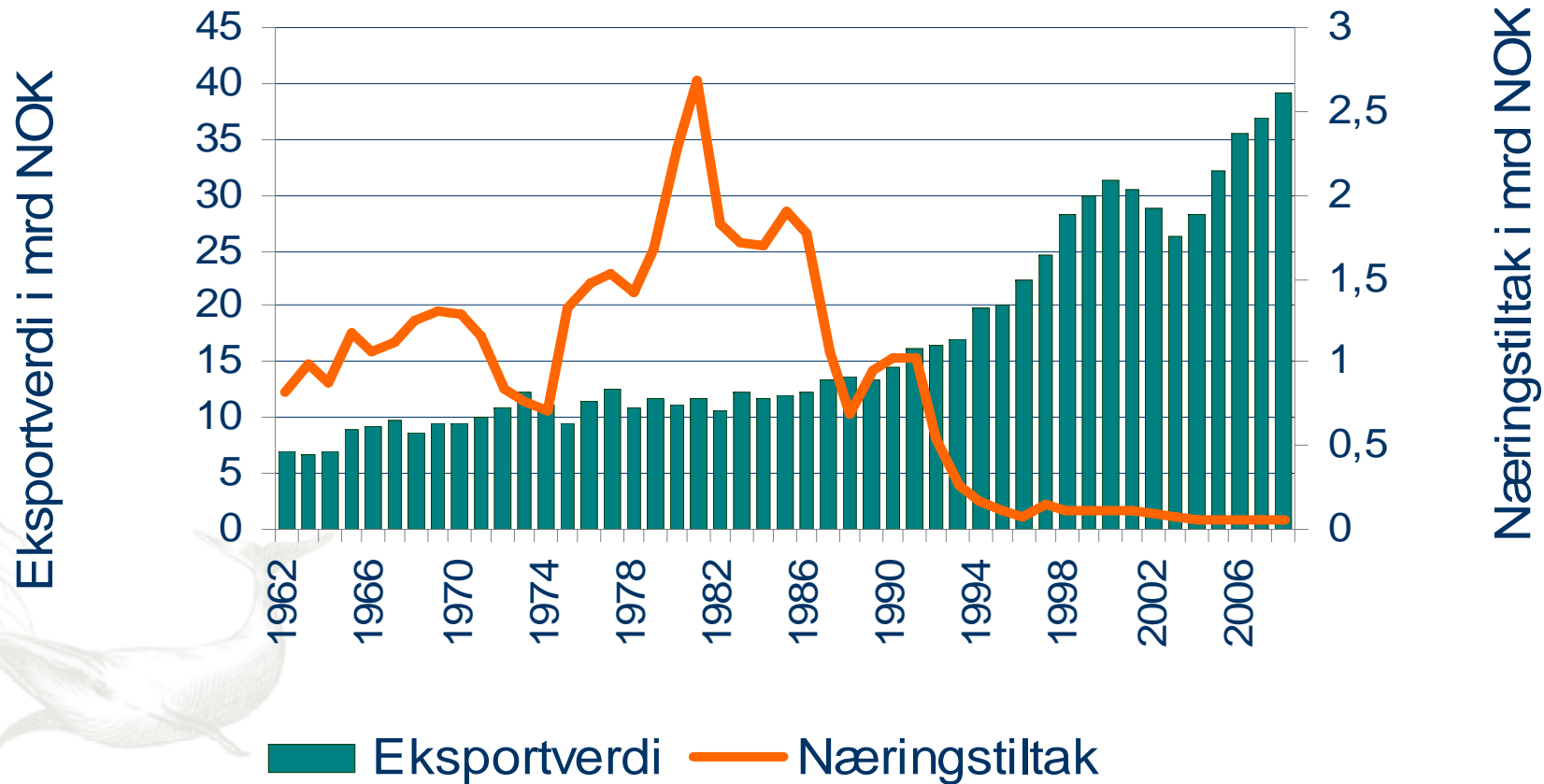
Norw production of seafood and meat: 2008: in 1000 tons



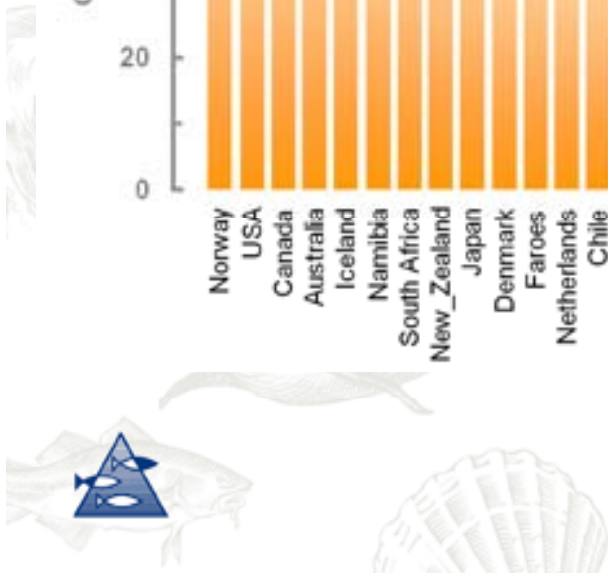
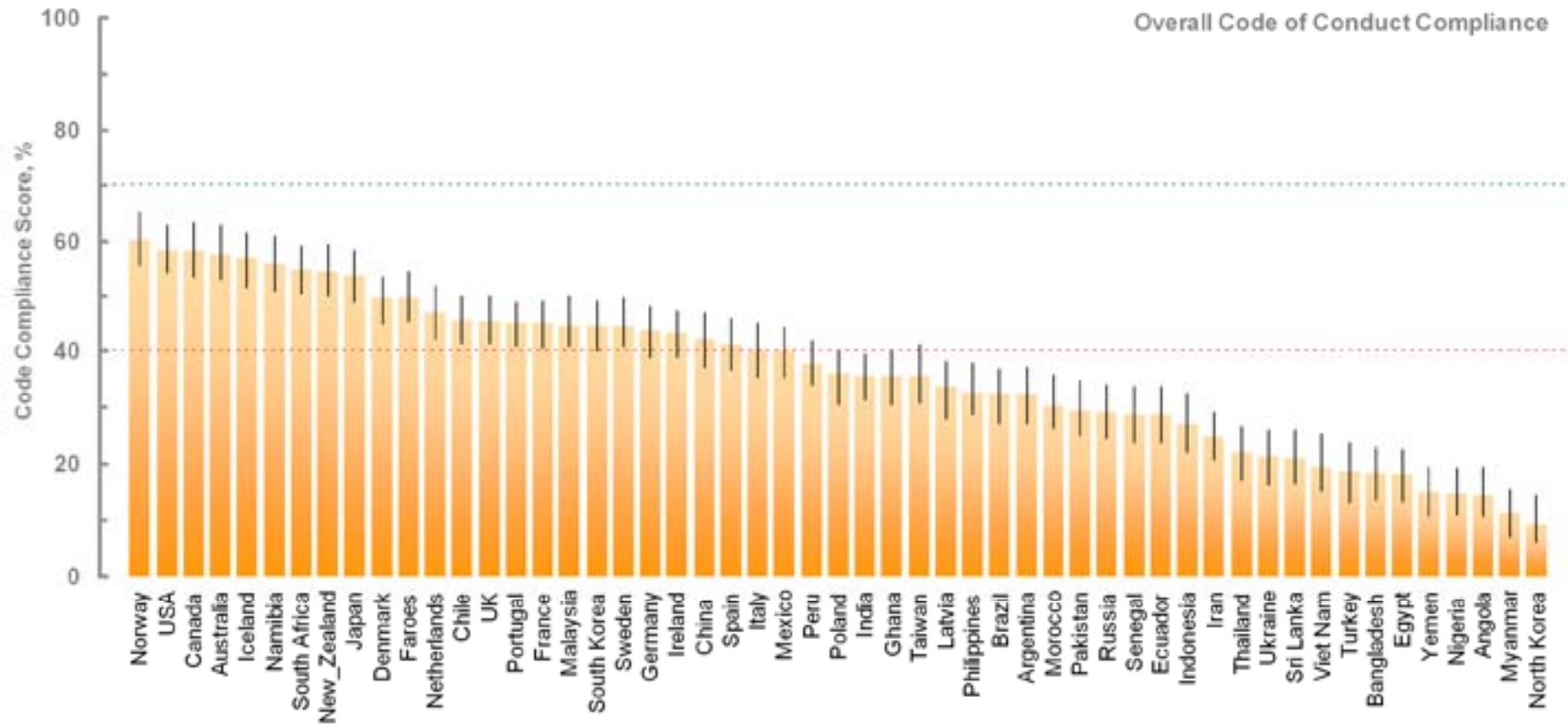
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Export value and subsidies

Norwegian fisheries 1962 - 2008



”Nature” (Feb-09): Compliance to the FAO Code of Conduct



Sustainable management a key to success in fisheries and aquaculture

- Sustainable management does not come easy
- By learning from serious mistakes – Norway has over the last 40 years developed world leading competence in sustainable science based management in fisheries, aquaculture, oil/fish/environment



The Paradox in Fisheries Development Cooperation

- **Political goal: Norway to strengthen and focus foreign aid in areas where we are comparatively strong**
- **Norway in the forefront in marine resources/ecosystems management**
- **Reality: Less than 1% of Norwegian foreign aid goes to fisheries and aquaculture – a steady reduction over the last decades**



WHY? (1)

- **Poor results in fisheries projects?**
- **2008: Evaluation of Norwegian Development Co-operation in the Fishery Sector (1985-2006) – (not including the Nansen program)**
- **Over all conclusion: "close to flattering"**



WHY? (2)

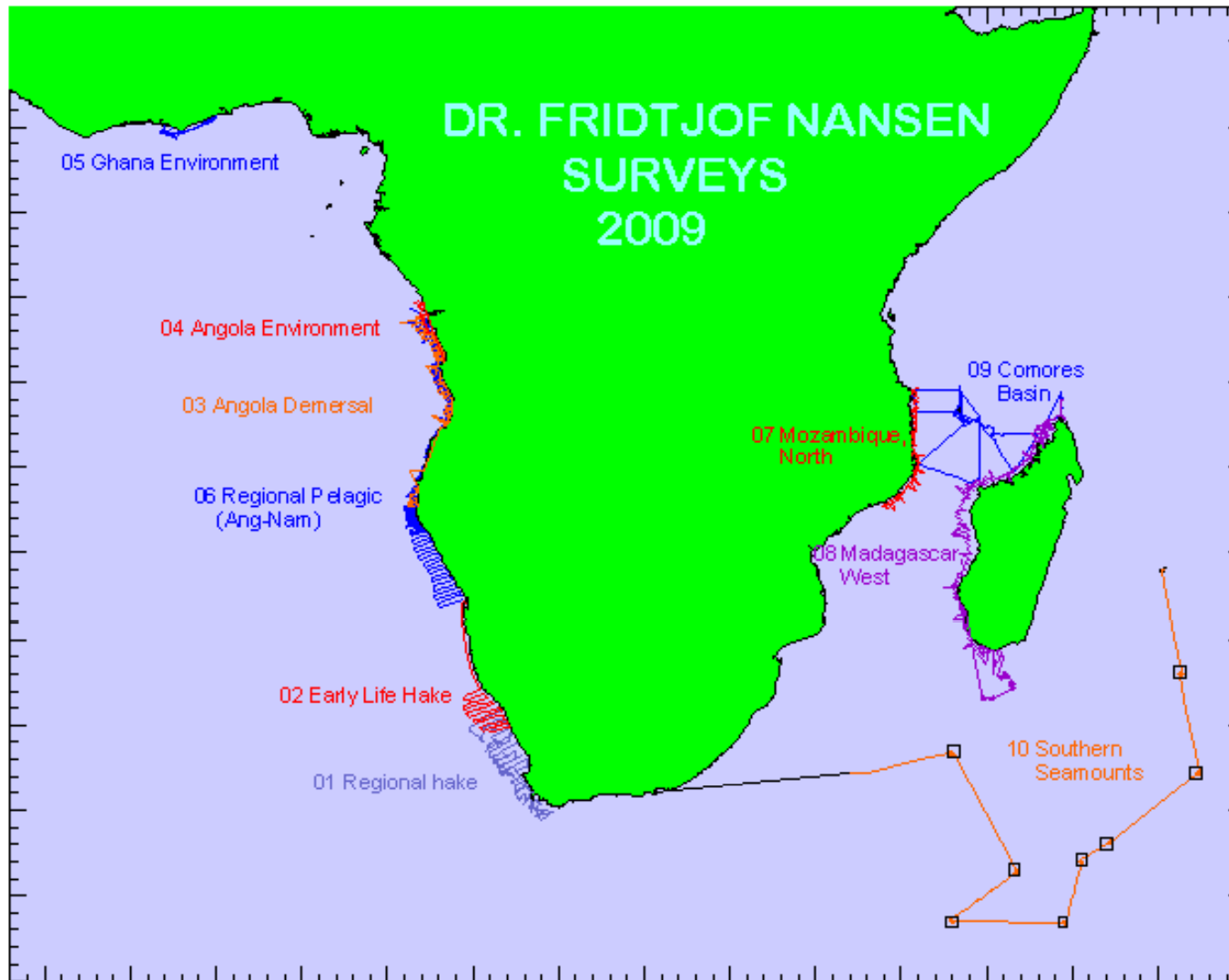
- **The Nansen program; continuous institutional building and on the job training since 1976 – with the R/V Dr. Fridjof Nansen as a core**
- **By and large: Positive conclusions from several evaluations**





A 30 years paradigm shift:
From finding new fish resources to preserving the
reproductive capacity of the ecosystem during climate
change . The EAF-Nansen research contribution.





WHY? (3)

- ?
- ??
- ???



Norwegian Fisheries development cooperaton 2010

- **Less than 1% of foreign aid**
- **Bi-lateral and regional: small and scattered projects – not sustainable**
- **Successful courses for foreign students at Norwegian universities have been terminated**
- **The EAF-Nansen program in "troubled waters" financially**



So?

- **Fisheries Development Cooperation .
Quo vadis?**
- **Will Norway strengthen and focus its development cooperation in a field where we are in the international forefront - or?**
- **Shall we (as in the past) meet the future without any strategy for development cooperation in fisheries and aquaculture?**

