



NEAFC, Ecosystem Approach and Bycatch

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NEAFC



North East Atlantic Fisheries Commission

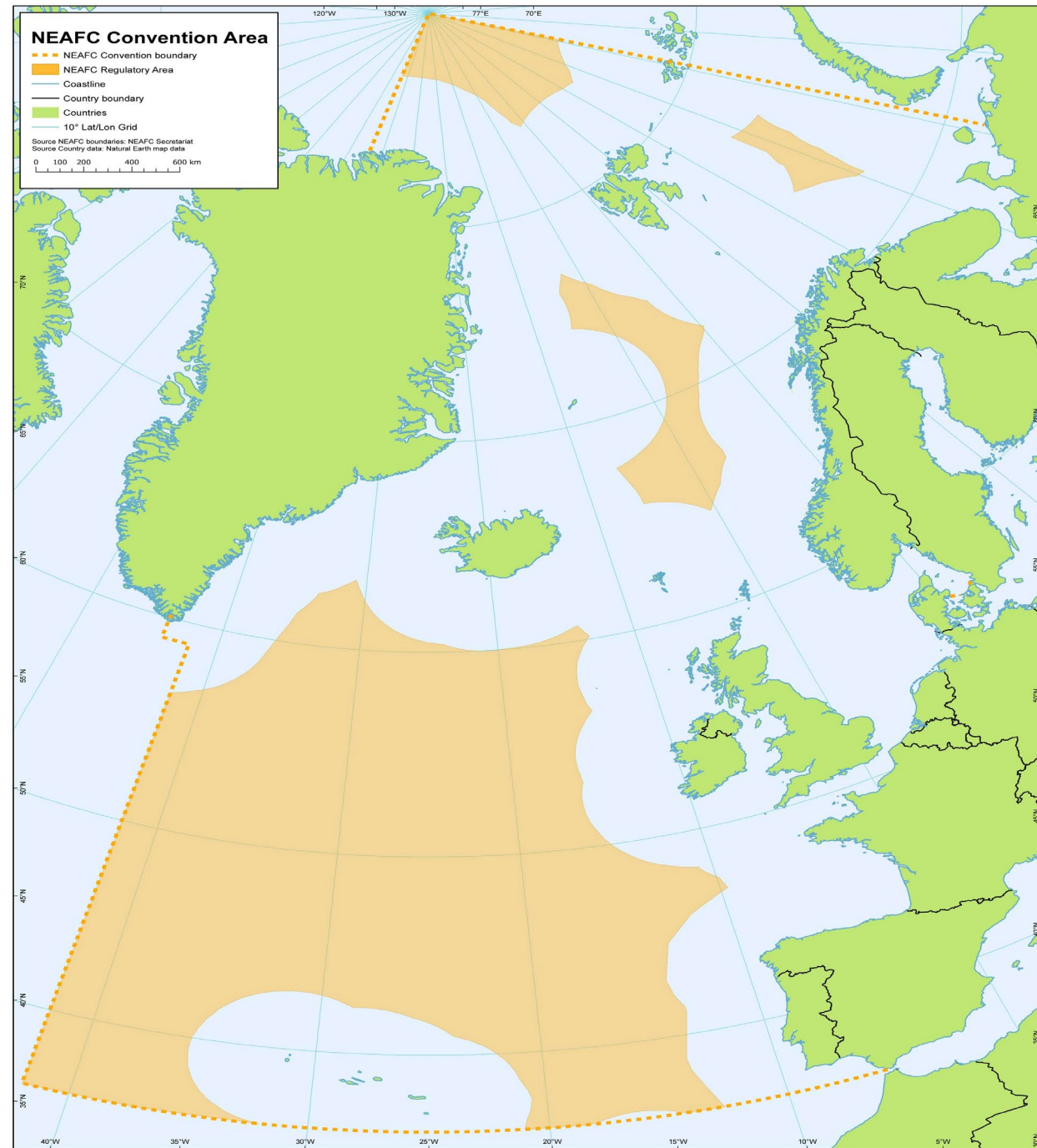
NEAFC Objectives



“to ensure the long-term conservation and optimum utilisation of the fishery resources in its Convention Area, providing sustainable economic, environmental and social benefits”

NEAFC Convention Area

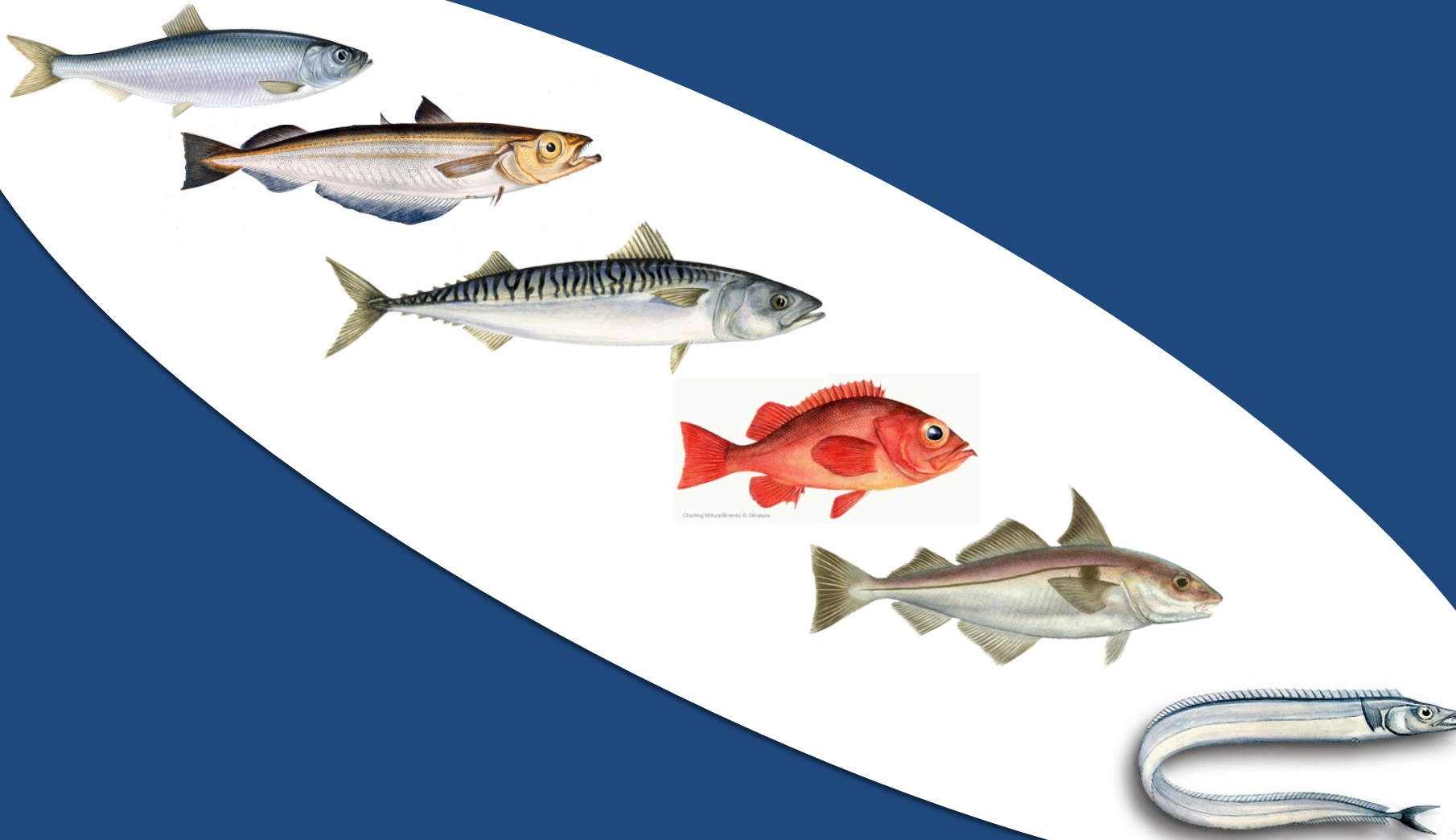
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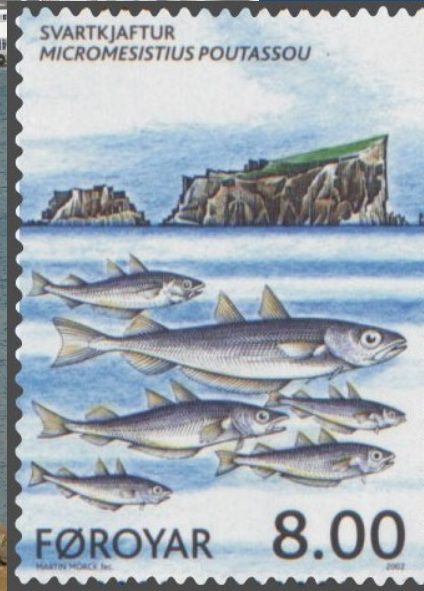
NEAFC's Main Stocks

Main species:

- Herring
- Blue whiting
- Mackerel
- Redfish
- Haddock
- Deep-sea species



Economic and Social importance

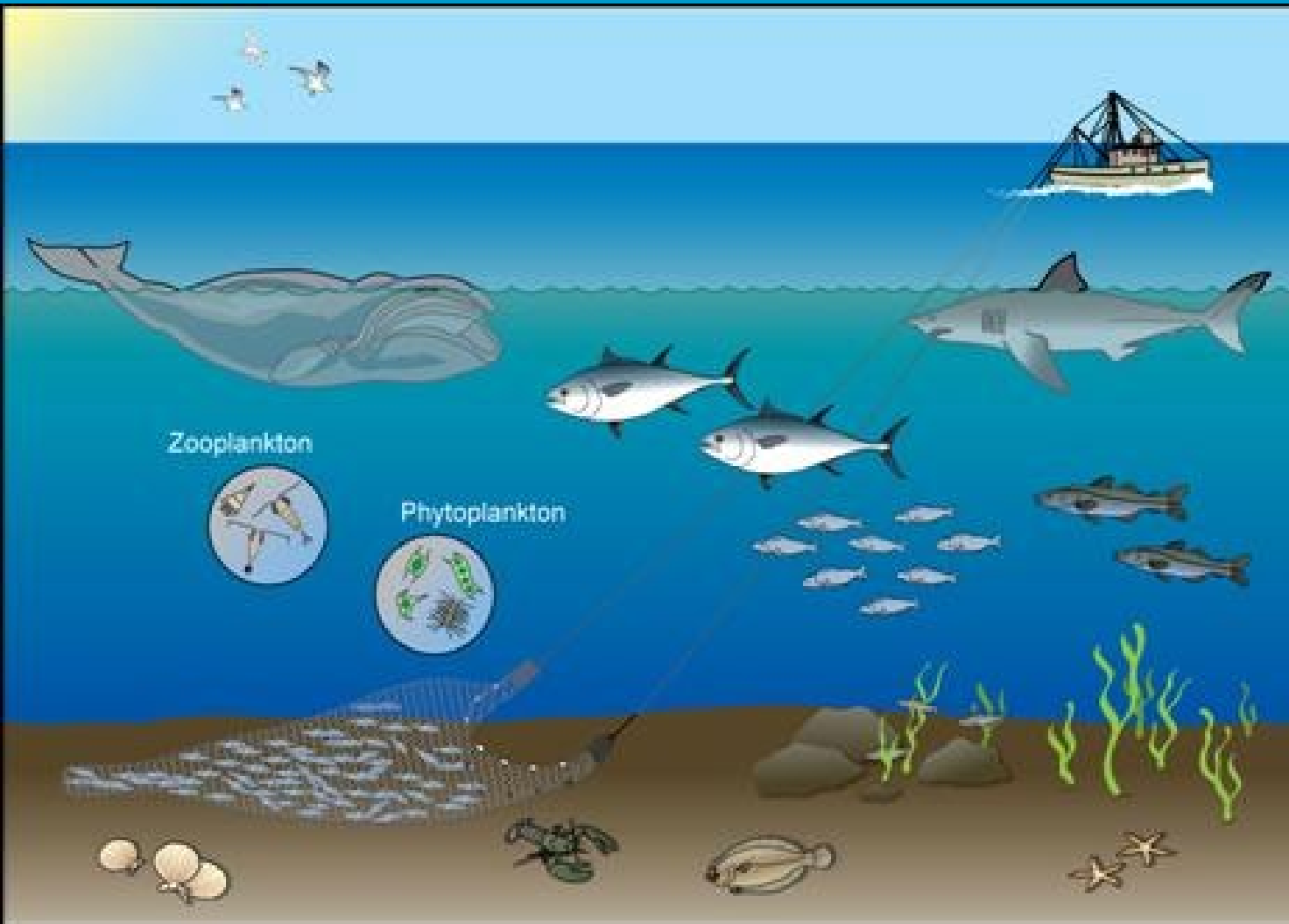


Contracting Parties:

- Denmark in respect of Faroes and Greenland
- European Union
- Iceland
- Norway
- Russian Federation
- United Kingdom



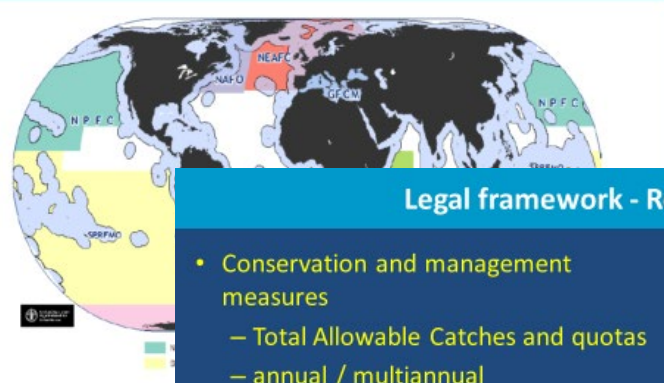
Environmental and sustainable objectives



- Objectives include environmental objectives.
- Sustainability applies to all 3: social economic and environmental...

RFMO Processes

Our stocks are shared: UN Fish Stocks Agreement



Legal framework - Recommendations

- Conservation and management measures
 - Total Allowable Catches and quotas
 - annual / multiannual
- Technical Measures
- Statistical processes
- Data exchange processes
- Scheme of Control and Enforcement

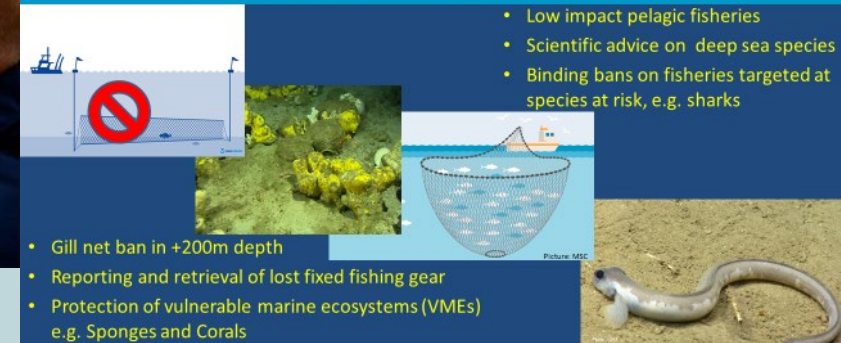


Scheme of Control and Enforcement

- Control Measures
- Monitoring of Fisheries, Inspections at Sea
- Port State Control
- Infringements
- Compliance by Non-Contracting Parties



Conservation of living marine resources



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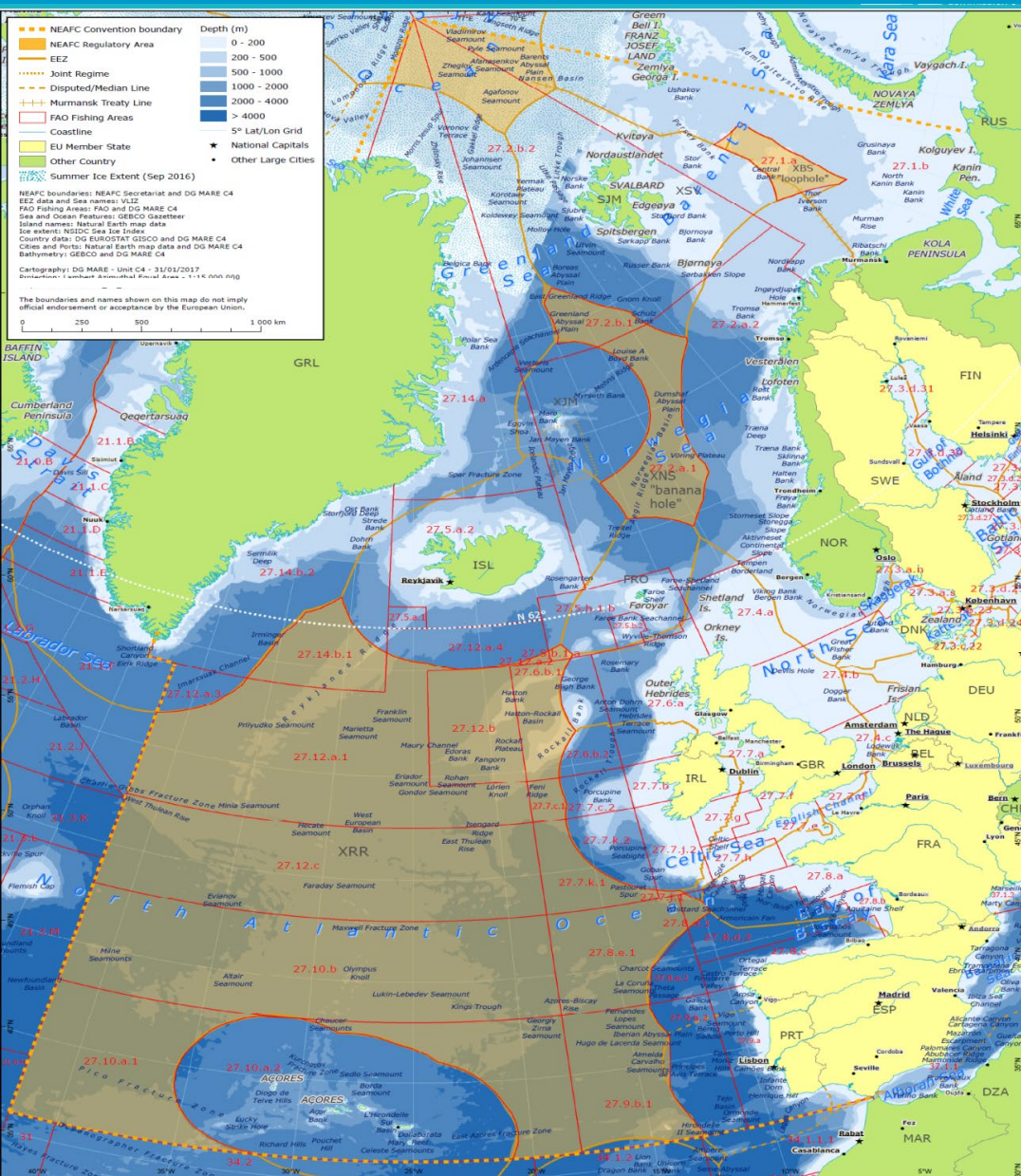
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Decision cycle for management

- Independent Scientific advice from ICES
- Total Allowable Catches
- Allocation
- Technical measures
- Control and enforcement



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ICES: independent wholistic scientific advice

Precautionary Approach

Populations need to be maintained within safe biological limits -
Certain that reproductive success is not impaired



Pragmatic Ecosystem Based Management

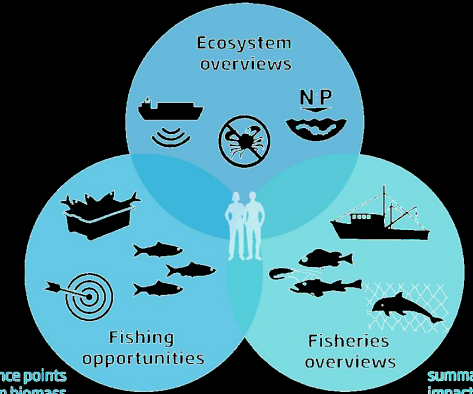


Balancing human activities & environmental stewardship in a multiple use context.



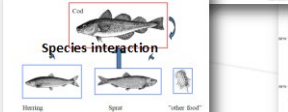
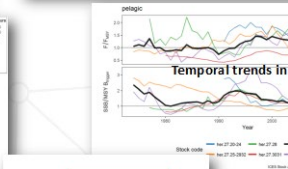
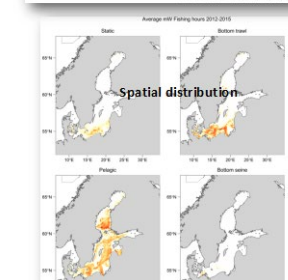
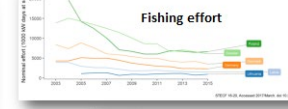
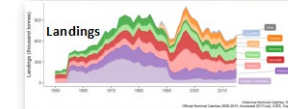
describe ecoregion context
identify pressures & drivers
impacts on key ecosystem components

MSY options & reference points
consequences of catch on biomass
respond to changes in productivity

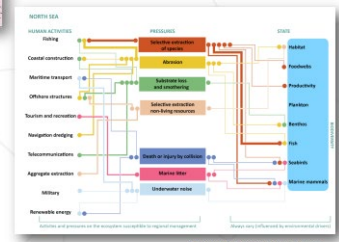
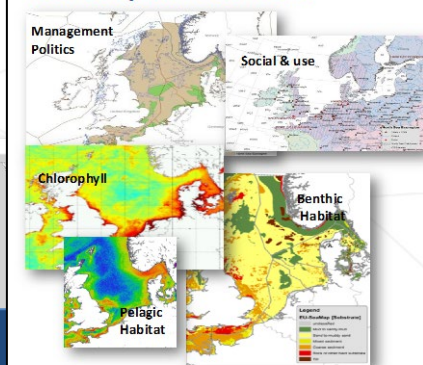


summarize fleet activity
impacts of fishing & species
trade-offs between fleets

ICES Fisheries overviews



ICES Ecosystem overviews



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Conservation of living marine resources



- Recovery of abandoned and lost fishing gear
- Special approaches for deep sea species
- Protection of vulnerable marine ecosystems e.g. Sponges and Corals

- Ban on gill nets in waters deeper than 200m
- Binding measures to ban targeted fisheries at species at risk, e.g. sharks
- Avoiding bycatch



Photo Linda Snook / Wikimedia Commons

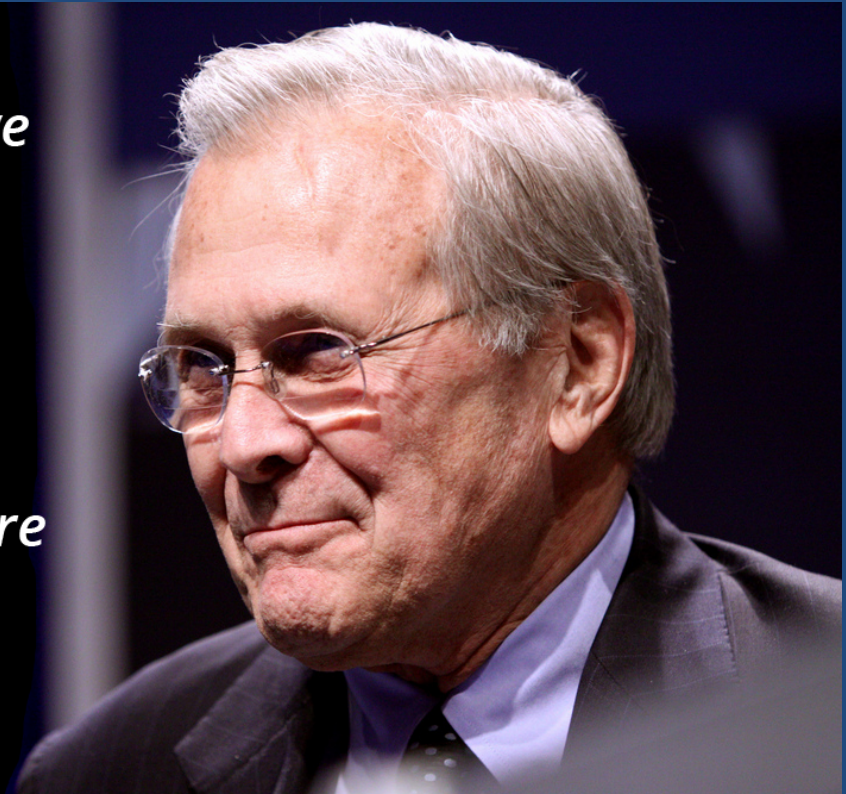
What do we know about Cetaceans in NEAFC

There are known knowns; there are things we know that we know.

There are known unknowns; that is to say, there are things that we now know we don't know.

But there are also unknown unknowns – there are things we do not know we don't know.

-Donald Rumsfeld



NEAFC future working group, looking at new Issues



Liam Quinn via Wikimedia Commons

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Raising awareness and understanding

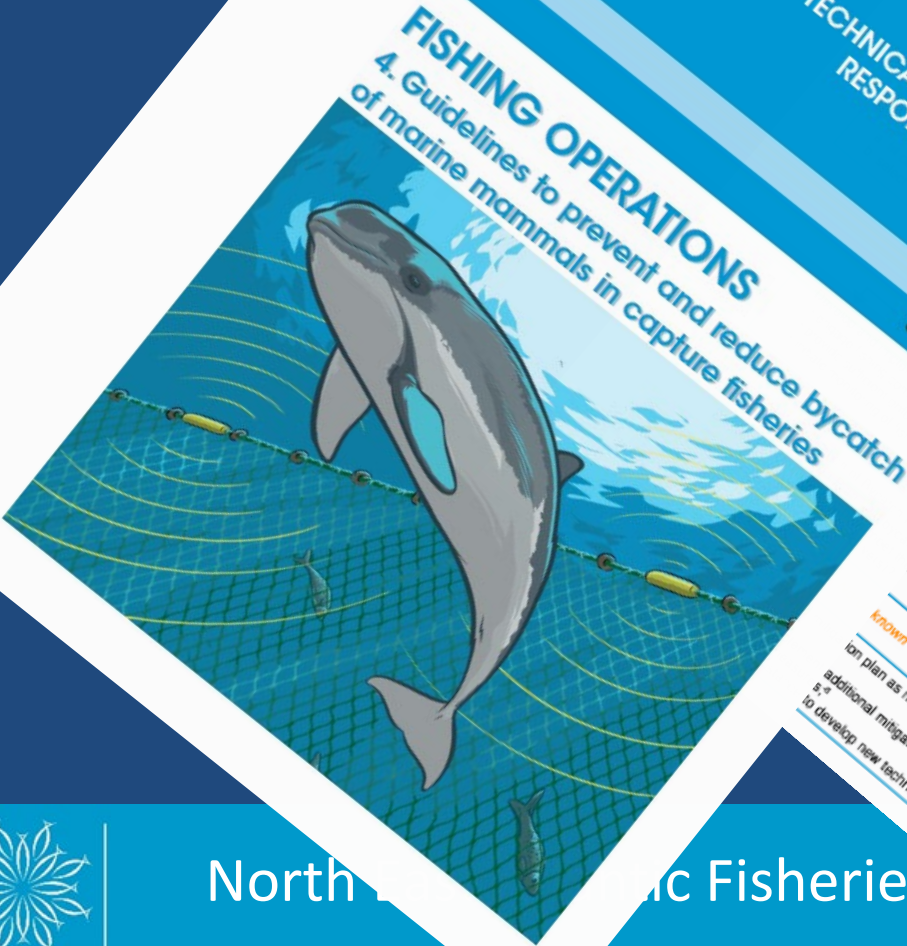


Figure 1. Flow chart for developing a Marine Mammal Bycatch Prevention and Reduction Plan under the FAO Code of Conduct for Responsible Fisheries



Many organisations operating on marine issues

Periodic Table of the European Marine/Maritime Elements

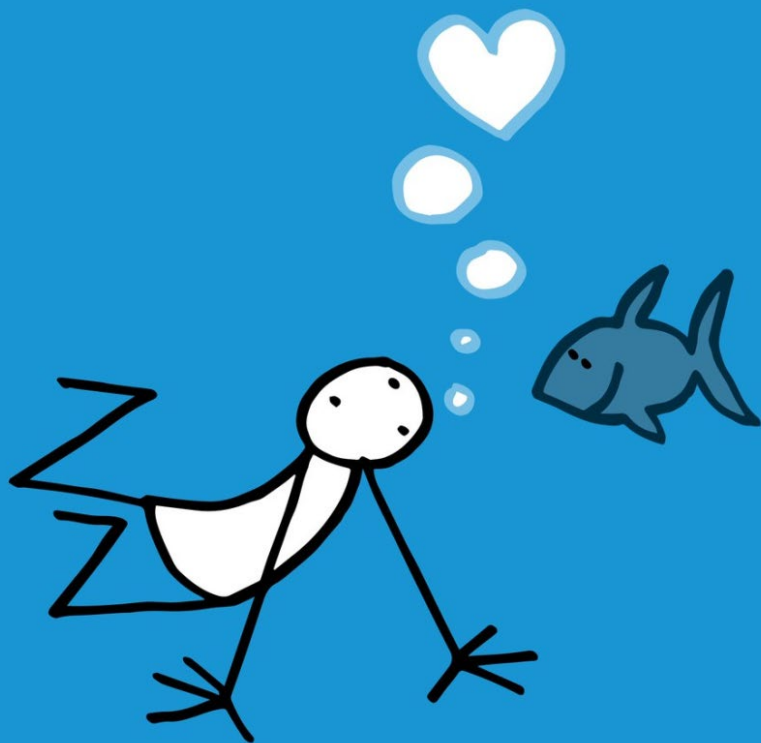
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Collective arrangement



- Agreed between international organisations competent for managing human activities
- Concerns areas with specific management actions in ABNJ
- Guided by internationally agreed principles and norms
- A framework to cooperate and coordinate – important not to undermine each other's work

CONSERVE AND SUSTAINABLY
USE THE OCEANS, SEAS
AND MARINE RESOURCES



ELYX by YAK

Thank you for your attention

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