



OSPAR
COMMISSION

*Protecting and conserving
the North-East Atlantic
and its resources*



Applying the ecosystem approach in the North-East Atlantic

Initial steps and the challenges of reality

Emily Corcoran
Deputy Secretary

OSPAR Commission

16 Contracting Parties

- Belgium
- Denmark
- Finland
- France
- Germany
- Iceland
- Ireland
- Luxembourg
- The Netherlands
- Norway
- Portugal
- Spain
- Sweden
- Switzerland
- The United Kingdom
- European Union



OSPAR Maritime Area and Regions:

Region I: Arctic Waters

Region II: Greater North Sea

Region III: Celtic Seas

Region IV: Bay of Biscay/Iberian Coast

Region V: Wider Atlantic

Human activities – These interact!

- Fisheries (no OSPAR measures)
- Shipping (preference for IMO to take measures)
- Dumping and Dredging
- Offshore renewable energy
- Oil and gas exploration
- Coastal defence and other structures
- Cables and pipelines
- Artificial reefs
- Land reclamation
- Sand and gravel extraction
- Tourism
- Mariculture
- Marine litter
- Underwater noise
- Dumped munitions



OSPAR Convention - protection of the marine environment of the North East Atlantic

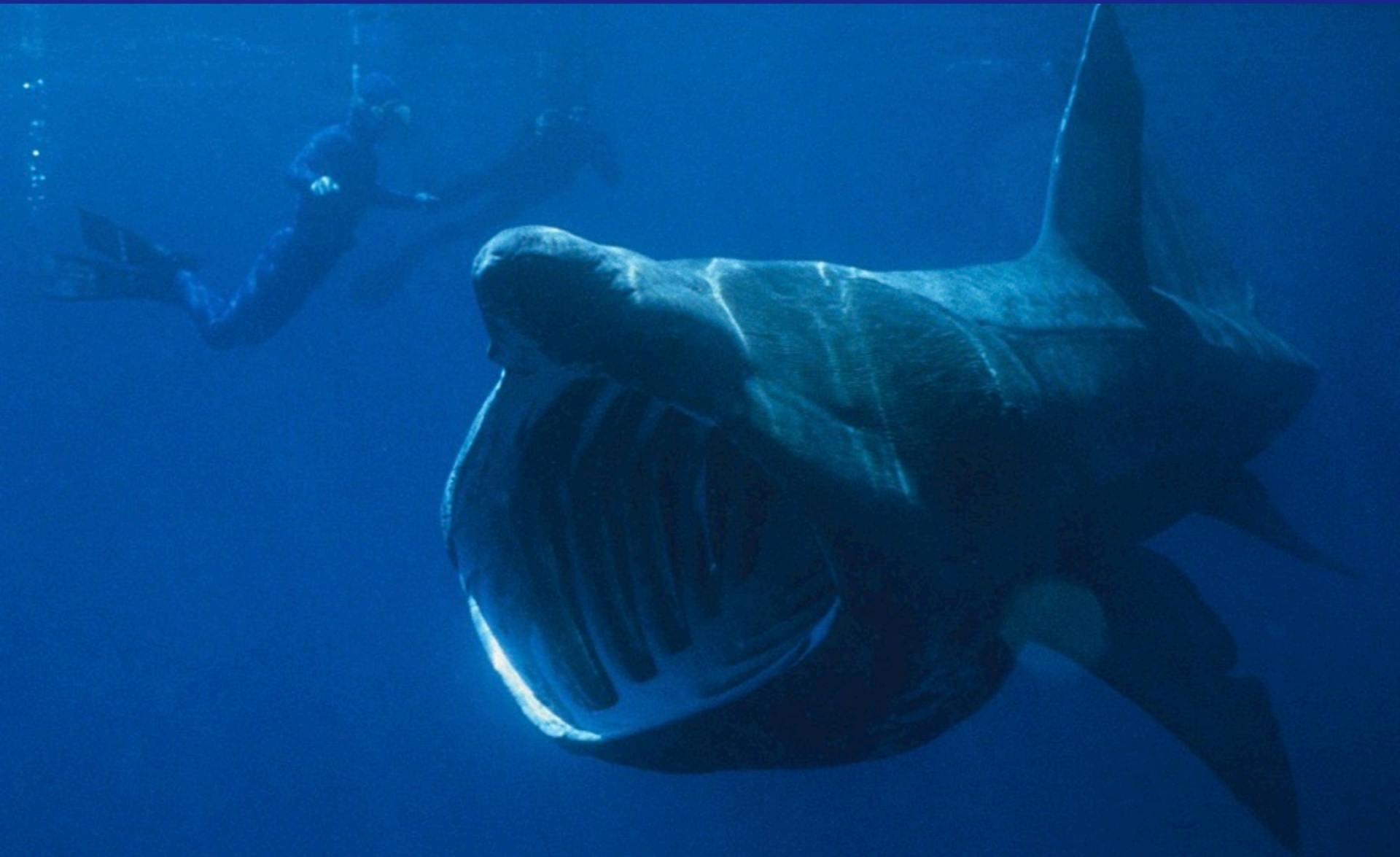
Main Objectives

- Prevent and eliminate pollution
- protect the maritime area against the adverse effects of human activities
- safeguard human health and conserve marine ecosystems
- when practicable, restore marine areas

Guiding Principles

- Ecosystem Approach – the overarching concept and basis for OSPAR work
- Precautionary Principle
- Polluter Pays principle
- Best Available Techniques and Best Environmental Practices

The Monster Directive - EU's Marine Strategy Framework



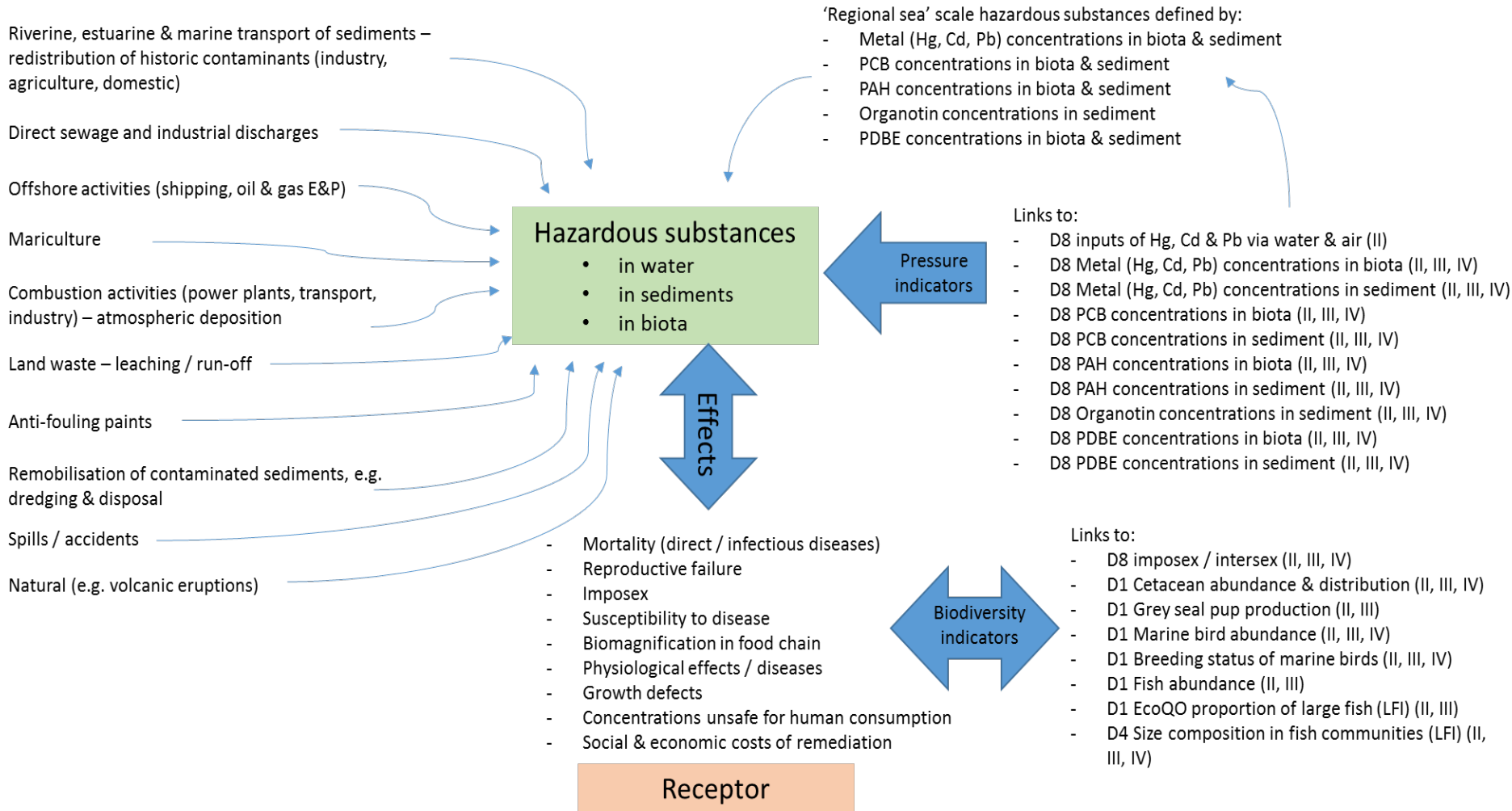
Developing indicators of state...



Supported with co-financing from the EU



Cumulative effects in OSPAR's work



Examples of possible contribution of hazardous substances to the Cumulative Effects Assessment:

- Contribution of hazardous substances + other pressure effects to **biota mortality**
- Contribution of hazardous substances + other pressure effects to **changes in species abundance & distribution**

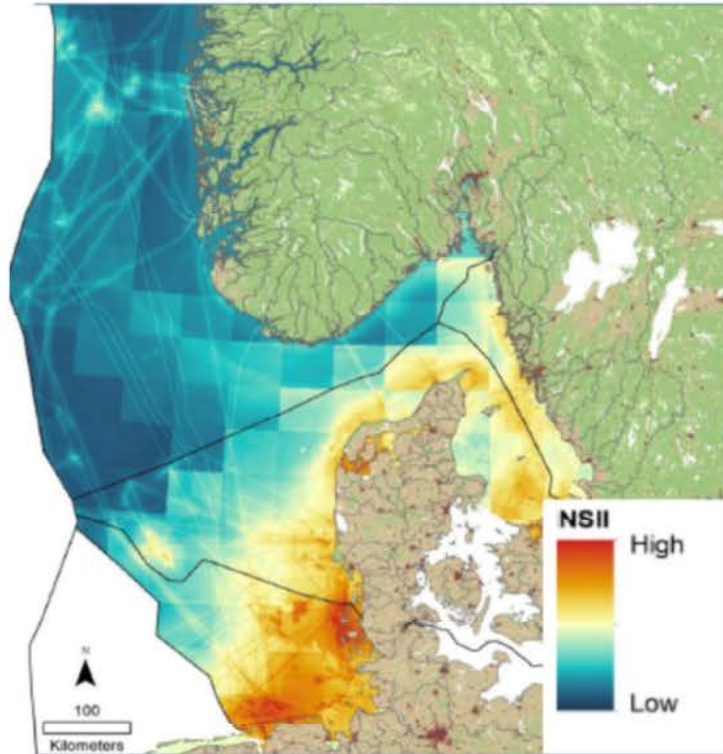


Cumulative Effects Pilot Case Studies

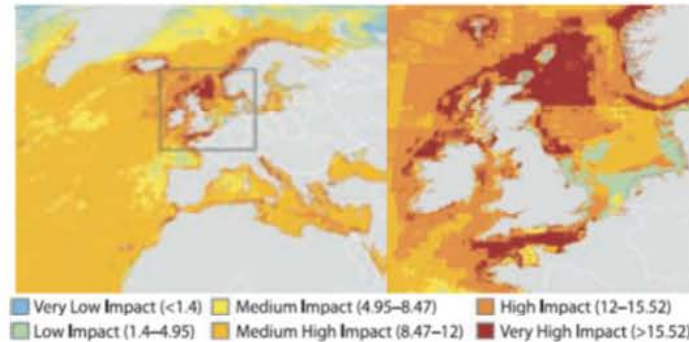


The Monster Directive - EU's Marine Strategy Framework

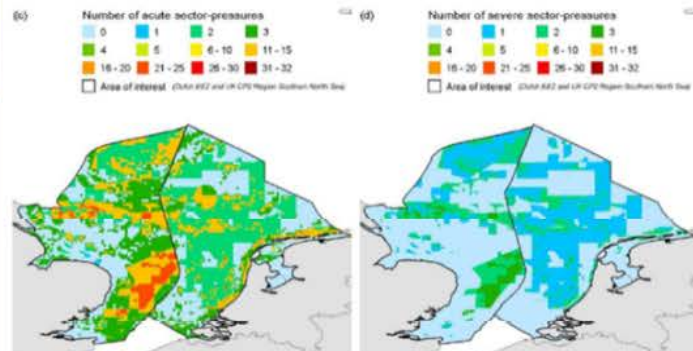
Examples of cumulative 'pressure' / 'impact' maps



From Andersen et al 2013

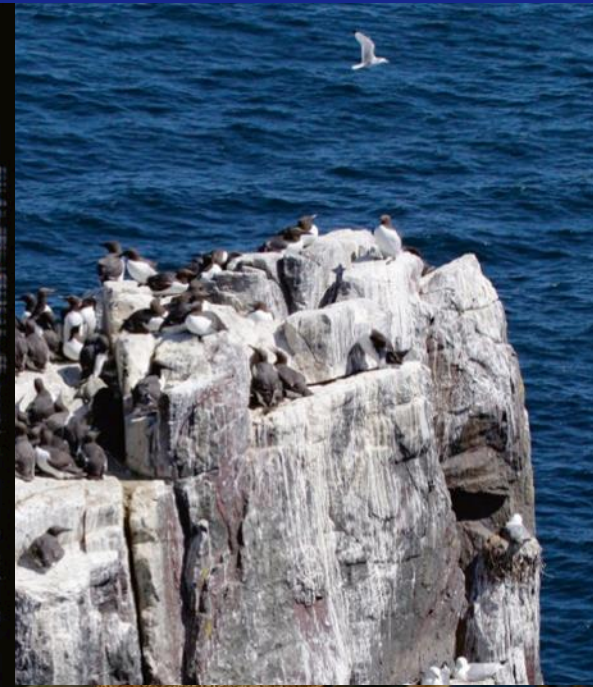


From Halpern *et al* (2008)



From Goodsir *et al* (2015)

Decisions matched to geography and ecosystems



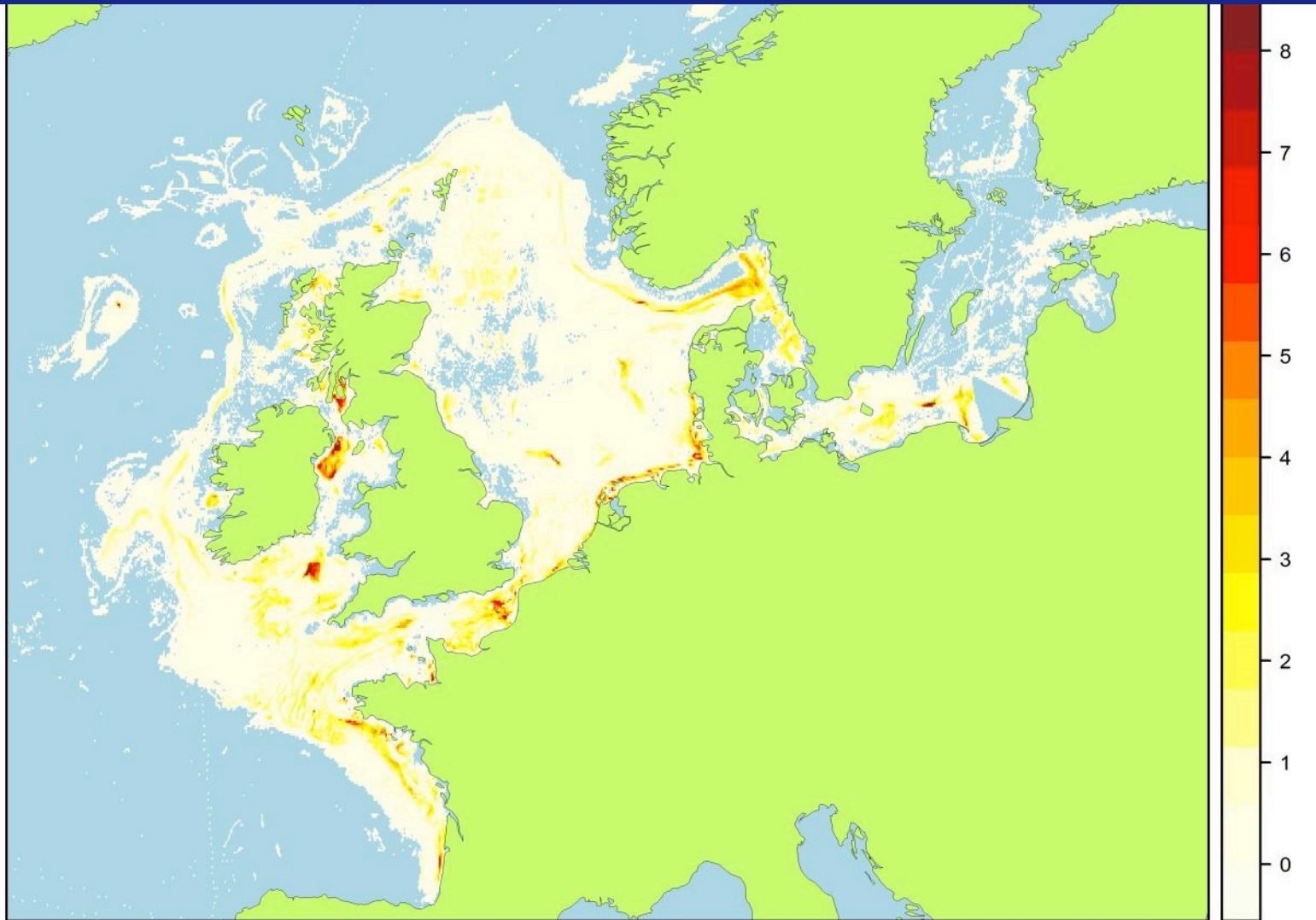
Complexity is the Norm

Esf ESF																				Ar ARCIC	Ices ICES	Cies CIESM	Bsc BLACK	
Mb MB	Eea EEA																			Af NEAFC	Mf GFCM	As NASCO	At ICCAT	
Erc ERC	Ms EMSA																			Os OSPAR	He HELCOM	Ba BARC	Bc BUCA	
Jpi JPI	Fc EFCA	Mse EMSEA	Mo MYOCEAN	Es GMES	Ms MARS	Bde MARBEF	Msc MARCOM	Eco EMECO	Euo EUROCEAN	Fo FUTURE OCEAN	Los UNCLIOS	Cc UNFCCC	Lp LC/LP	Bl BALLAST	Cb CBD	St STOCKOL	Ci CITES							
Df DRAEGER	Jrc JRC	Wa WISE	Ind MAR FORUM	Odr ECORD	Eng DEAN ENER	Clu ENMC	Meg EMEC	Og OGP	Fish RACS	Sp CMAS	Msp EU	Cca EU	Bg EU	Bs EU	Re EU	Msf EU	Imp EU							
Pa PRINCE	Rea REA	Dnet EMODNET	Sl PSMSL	Obis OBIS	lode IODE	Ices ICES	Fp FF7	Ot OCEAN TOM	H2o HORIZON 202	Ms NSF-MS	Ms EU	Bw EU	Wf EU	Ha EU	Na EU		Cfp EU							
La LUSO-A	Esa ESA	Cr WCRP	Gb IGBP	Bd DIVERSITAS	Hd IHDP	Oo GOOS	Eo GOE-GEOSS	Oc IOCCP	Sl GLOSS	Om JCOMM	Oc CLIVAR	Loi LOICZ	Hab HAB	Cc IPCC	Woa WOA	Bs IPBES	Fa SOFIA							

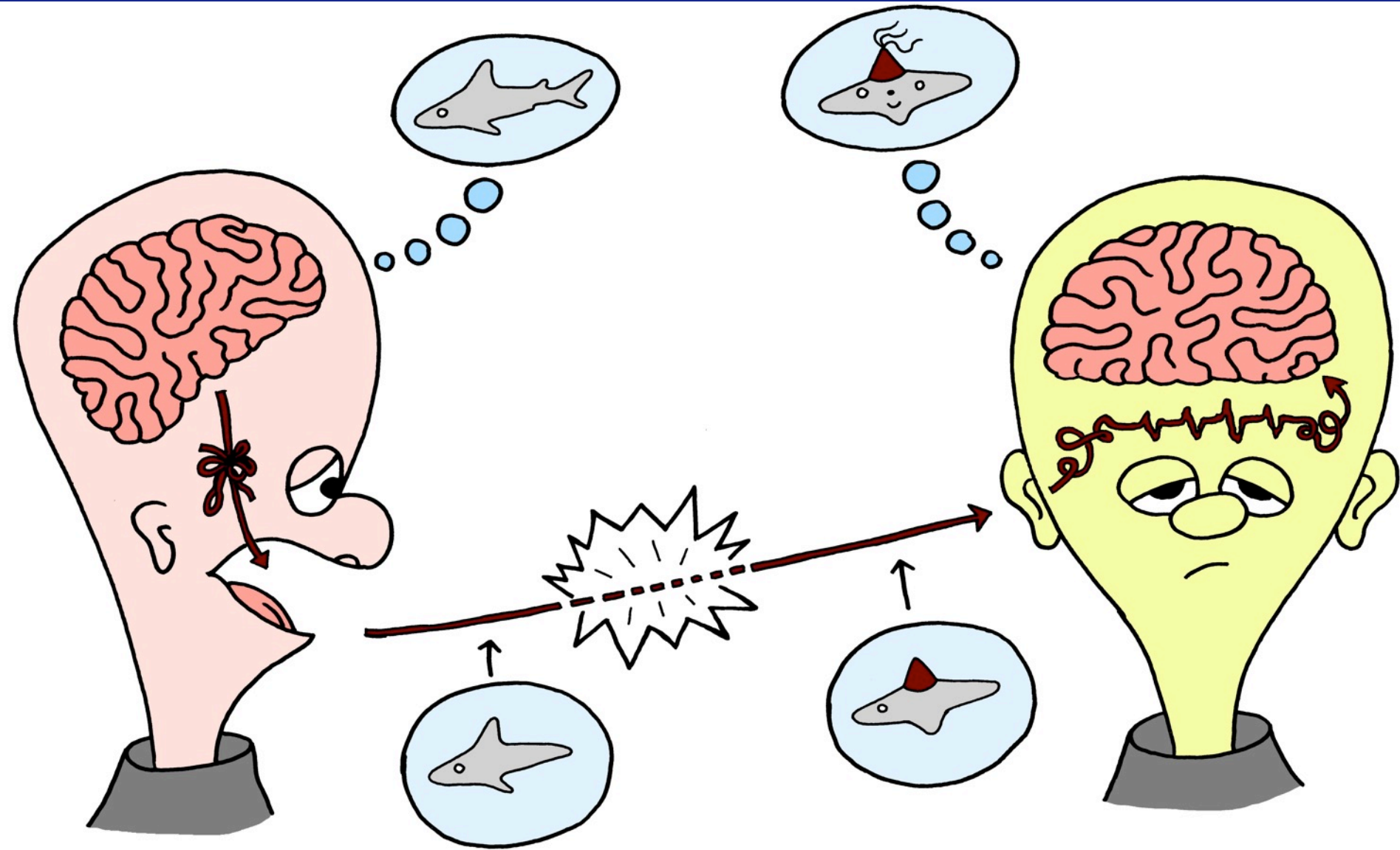
EU Marine International Scientific Councils	Databases
EU Regional Fisheries Organizations	International Programmes (IPO in Europe)
EU Regional Conventions	Funding instruments
UN conventions and treaties	Reporting Processes
EU legal framework on marine/maritime affairs	UN specialized agencies with marine/maritime mandate
Think tankers	Other marine International Organizations in Europe
European specialized agencies	Main Marine/Maritime NGOs in Europe
European Marine Scientific Clusters	Other main International NGOs
European Maritime Clusters	UN Funding instruments

Cbd CBD	Fao FAO	Iaea IAEA	Imo IMO	Isa ISA	De UN-DESA	Do DOALOS	Dp UNDP	Ep UNEP	Ioc UNESCO-IOC	Ido UNDO	Wmo WMO	Wb WB	Iho IHO	loi IOI	Ge GESAMP	UN UN-OCEANS
Icsu ICSU	Iucn IUCN	Po POGO	Idi IDDRI	Won WON	Mcf MCF	Sea EAS AT RIS	Wwf WWF	Ps LASTIGS SOL	Gp GREENPEACE	Ci CI	Pew PEW	Oc OCEANA	Sc SCOR	Gof GOF	Gef GEG	Gpo WB-GOP

More practical cooperation with fisheries – the basic information



Are we speaking the same language?





OSPAR COMMISSION

Protecting and conserving the North-East Atlantic and its resources

Search...

- Home
- About
- Convention
- Organisation
- Work Areas
- Meetings
- Data
- Fact & Assessment Sheets
- News

North East Atlantic Environment Strategy

Decisions, Recommendations & Agreements

Convention Text

The North-East Atlantic

- Region I: Arctic Waters
- Region II: Greater North Sea
- Region III: Celtic Seas
- Region IV: Bay of Biscay and Iberian Coast
- Region V: Wider Atlantic



DATA

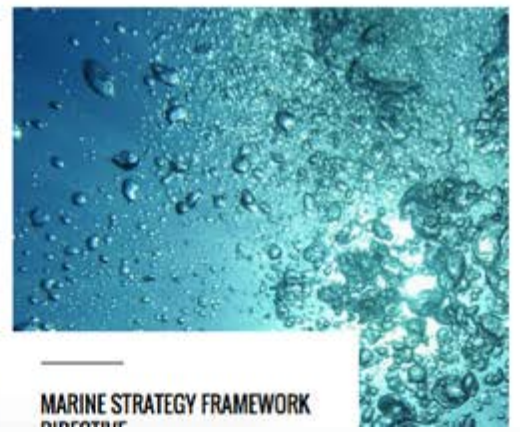
→ View



ABOUT

OSPAR is the mechanism by which 15 Governments & the EU cooperate to protect the marine environment of the North-East Atlantic.

→ Read



MARINE STRATEGY FRAMEWORK

Our friends in fisheries! - Cooperation



The Regional Role



