



OSPAR
COMMISSION

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

EMEP Products:

Essential for Marine Management

How OSPAR Contracting Parties make use of EMEP data products
and future needs

2nd Joint Session of the Steering Body to EMEP and the
Working Group on Effects

Outreach Efforts, Information Sharing and cooperation with
other organizations and programmes

Geneva, 13 – 16 September

Philip Axe

What is OSPAR?

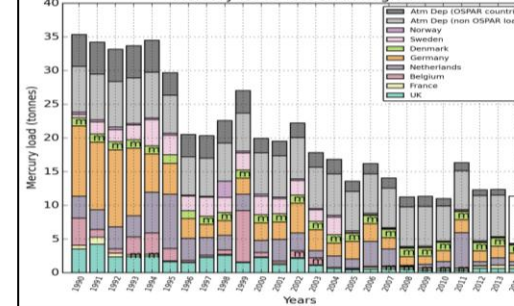
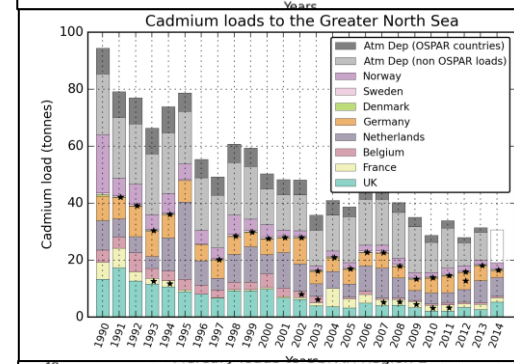
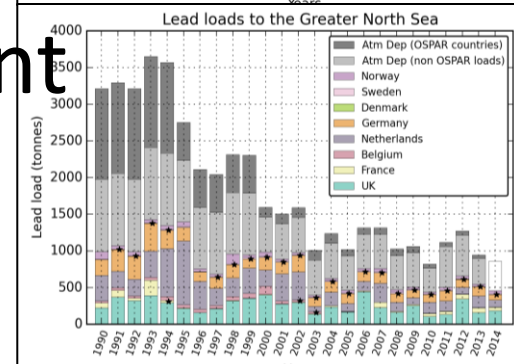
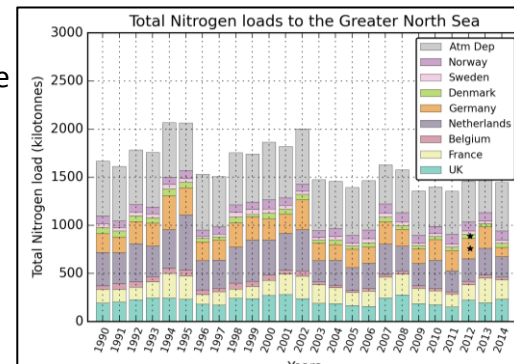
- Regional Seas Convention (RSC) for the North East Atlantic
- Coordinates work on:
 - Biodiversity,
 - Eutrophication and hazardous substances
 - Radioactive substances
 - Human activities and offshore industries
- Produce regular status reports
- Works with other RSCs, especially:
 - HELCOM (Baltic)
 - Barcelona Convention & UNEP/MAP (Mediterranean)
 - Bucharest Convention (Black Sea)
- Coordinates member states' regional implementation of the EU Marine Strategy Framework Directive
- OSPAR Contracting parties are also members of EMEP



Grey = Atmos loads
Colours = waterborne

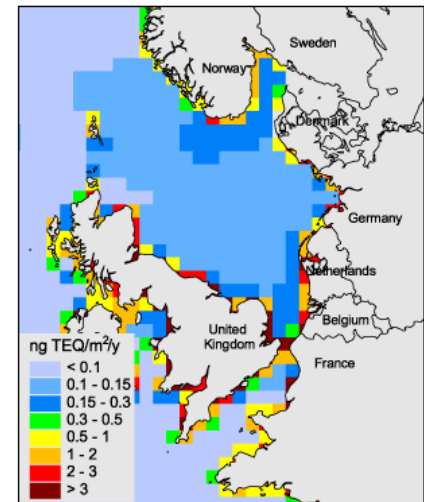
EMEP products: Essential for marine management

- 25 – 50% of heavy metal and nitrogen loads to the North Sea come via the atmosphere
- OSPAR have long used EMEP assessments in their load calculations
- Make use of both freely available products and specially commissioned analyses



EMEP products: Essential for marine management

- North Sea products greatly appreciated (and used)
- Some refinement of boundaries needed to match EU legislation
- Similar products for other OSPAR regions would be v. helpful
- Deposition to national EEZ:s (not just to national land areas) would be ideal
- Source-receptor matrices for OSPAR Regions and national EEZ:s would allow mitigation measures to be focussed
- OSPAR can help with providing maps etc
- Other European Regional Seas Conventions are likely to have similar needs.



PCDD/Fs deposition to the North Sea in 2014, ng TEQ/m²



EMEP products: Essential for marine management

- OSPAR coordinates marine management in the NE Atlantic
- Atmospheric loads of nitrogen and heavy metals are ~25 – 50% of the total to the North Sea
- EMEP atmospheric deposition products are an essential part of science-based management of European Seas
- OSPAR would like to see the development of more marine-focussed products
 - Deposition to all European Seas (including all OSPAR regions)
 - Source receptor matrices and deposition to Regional Seas and national marine EEZs

EMEP products: Essential for marine management

- How can we develop this dialogue?
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HASEC: Hazardous Substances and Eutrophication Committee, one of OSPAR's principle working groups

Thank you!