

An ecologically coherent network of well managed Baltic Sea Protected Areas – one cornerstone in ecosystem based marine spatial planning

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PartiSEApate-Stakeholder Workshop, Riga, 31 October 2013

Outline of the presentation

- 1. Baltic Sea Protected Areas – review and actual status of the network**
- 2. Anthropogenic uses and examples for their spatial dimensions**
- 3. Different areas of responsibility: MSP and BSPA**
- 4. Conclusions and recommendations**

Earth Summit Rio and CBD 1992



The new 1992 HELSINKI CONVENTION

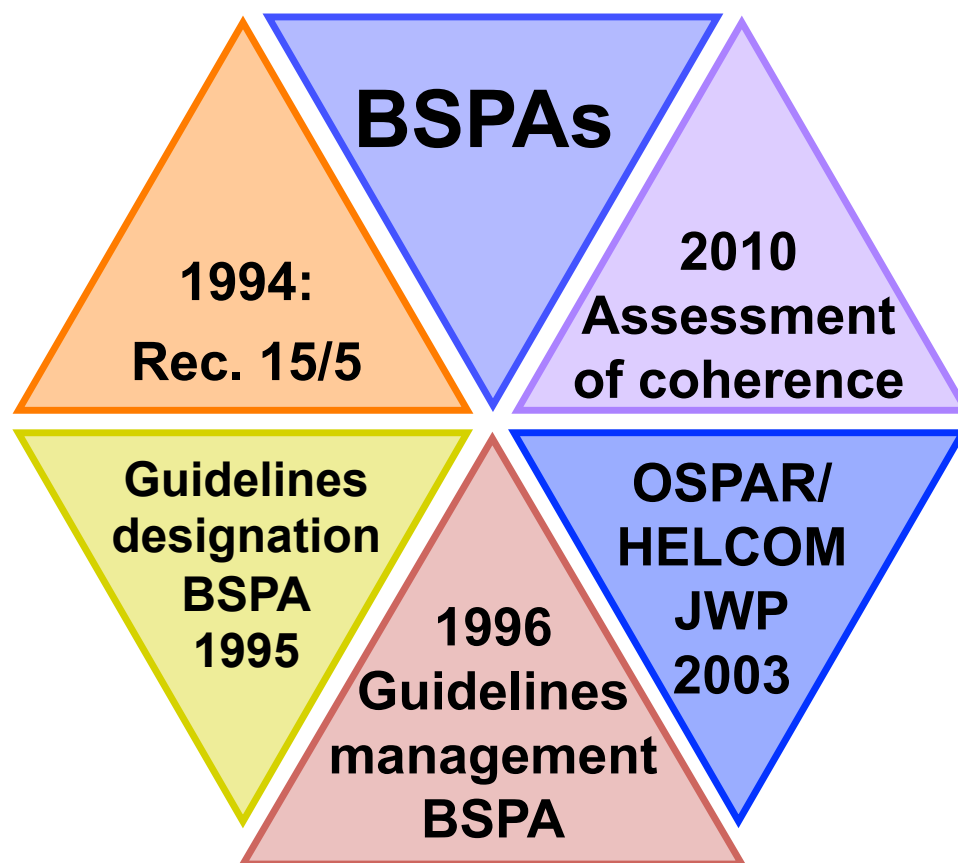
Article 15, Nature conservation and biodiversity

The Contracting Parties shall individually and jointly take all appropriate measures ... to conserve natural habitats and biological diversity and to protect ecological processes.

Such measures shall also be taken in order to ensure the sustainable use of natural resources ...



Marine and Coastal Baltic Sea Protected Areas (BSPA)





BSPAs: Aims and objects of Protection

Protection of Marine and Coastal Biological Diversity

Species and their habitats including migratory routes as well as nursery and spawning sites

Biotopes and landscapes

Ecological processes

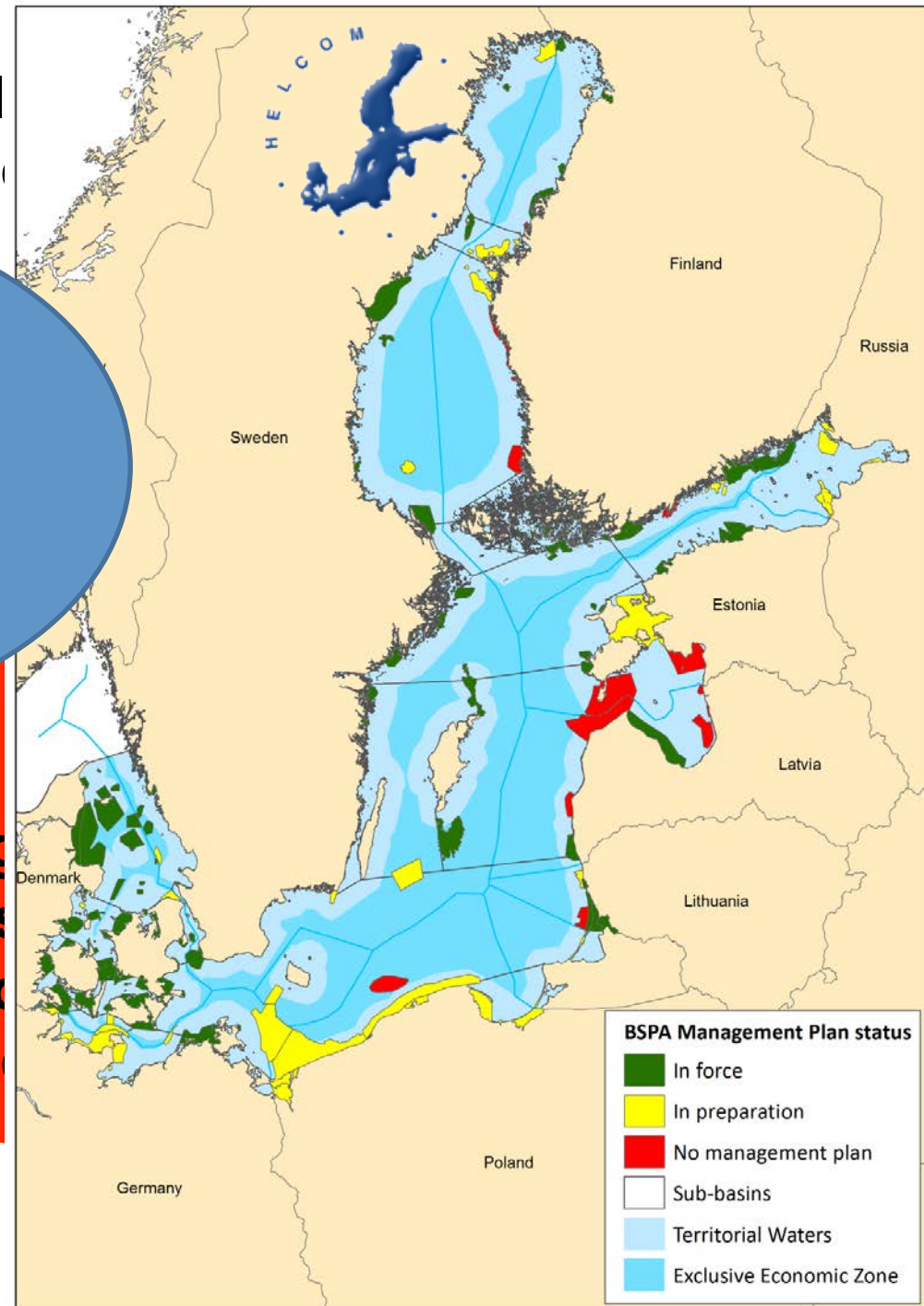
Offshore, inshore and coastal

**Large sites, at least:
10/30 km²**

Towards a well What constitutes

BSPAs are not „*no use-zones*“, but zoning including „*no use-zones*“ can be appropriate

A BSPA as being the consequence of quality of achievement



Comparison of MSP and BSPA planning procedures

MSP:

regulates maritime human activities from a spatial perspective

Analyse spatial and temporal distribution of human activities

Under weighting, reserve space to the respective interests of human activities as well as biodiversity protection

Consider restrictions for the planning of fisheries (CFP) and shipping (IMO)

Contribute to the sustainable use of ecosystem goods and services

BSPA:

Important tool for the protection of marine and coastal biodiversity

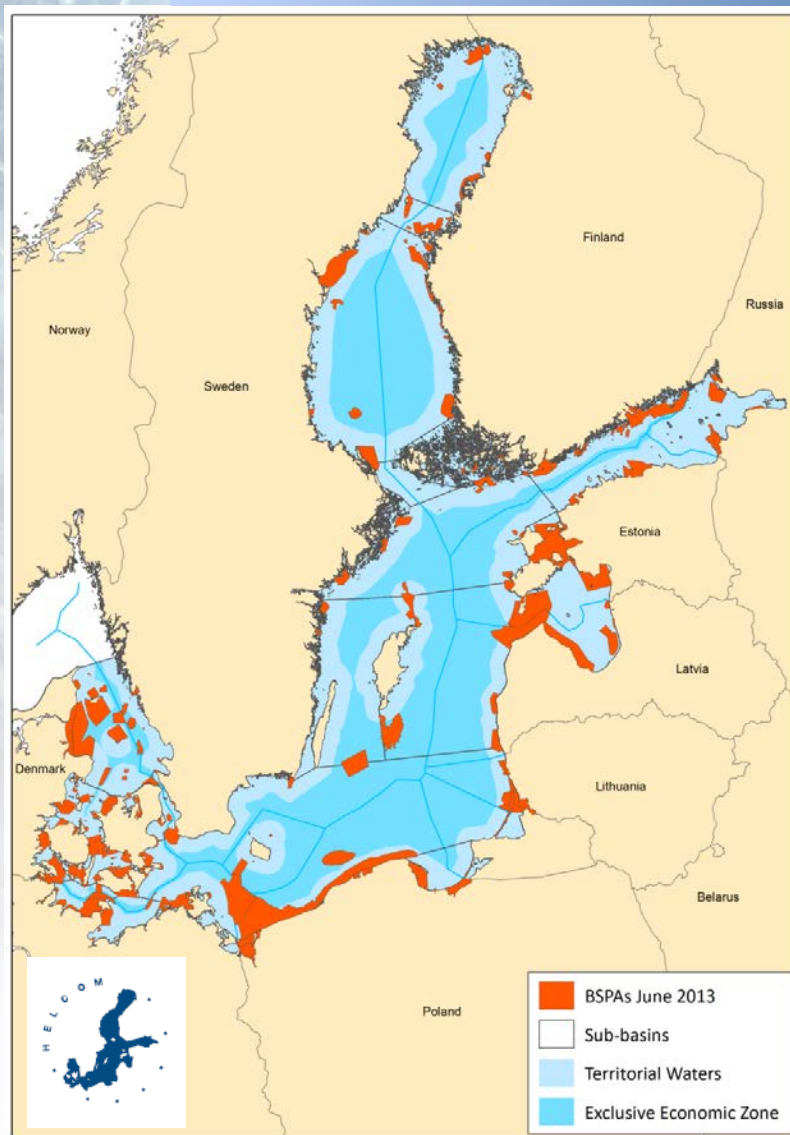
Analyse spatial and temporal distribution of marine features with conservation interests according to the selection criteria of BSPAs

Select sites with particular importance for the interest features and set boundaries

Legalize protection and set up a site specific management

Contribute to favourable conservation status of biodiversity and Good Environmental Status (GES)

Status of the BSPA Network as of Oct. 2013



from: Greenpeace: (The Baltic Sea A Roadmap to Recovery)





Federal Agency for
Nature Conservation

Threats and potential impacts

Fisheries

Shipping (incl. harbour construction)

Offshore windparks

Pipelines and cables

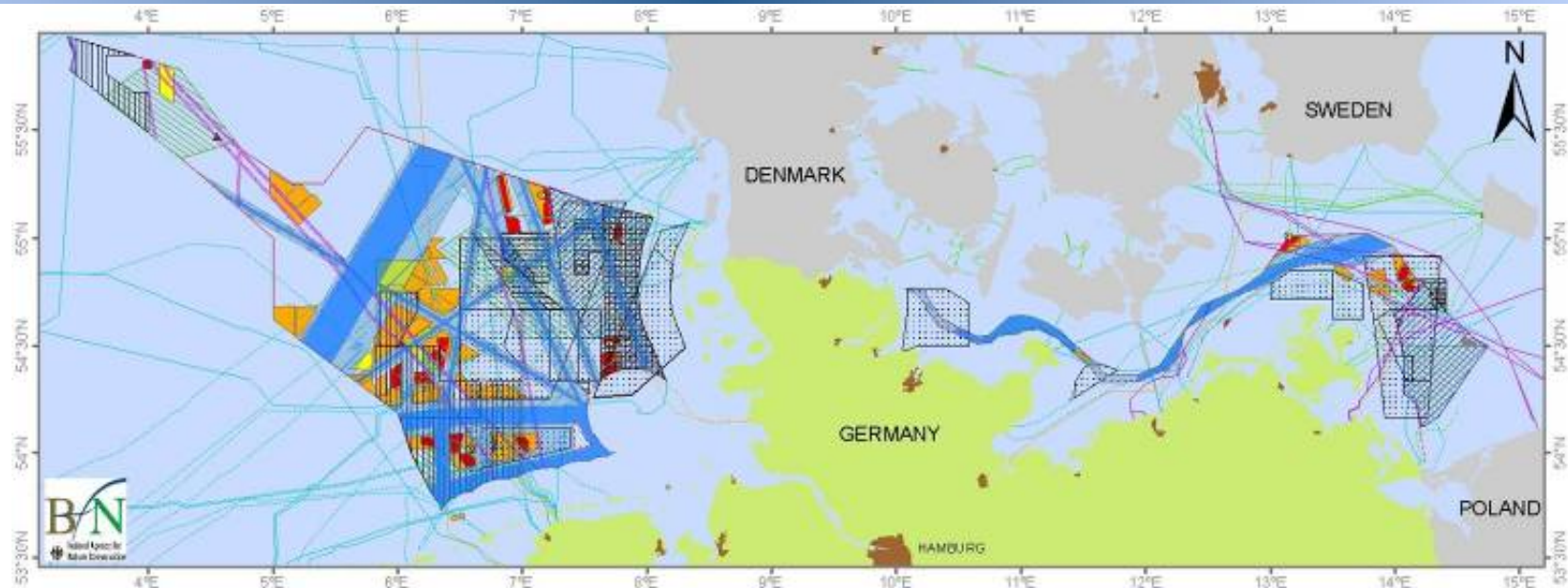
Gas- and oil-
industries

Sediment extraction

Seismic and sonar

Bridges etc.

Challenge for MSP (Example: German EEZ)



Boundaries

- Exclusive Economic Zone (12-200 nm Zone)
- - Territorial Waters

Natura 2000 Sites

- Sites of Community Importance (SCI) in the German Exclusive Economic Zone (Date: June 2007)
- Special Protected Areas (SPA) in the German Exclusive Economic Zone (Date: May 2007)

Offshore Wind Farm Projects (Date: 10/2009)

- Under construction
- Approved
- In approval procedure
- Planned
- Rejected
- Research Platforms

Licensed Fields

- Prospection for hydrocarbons
- Applied for prospection of brine

Sediment Extraction

- Licensed Field
- Extraction applied
- Extraction permitted

Gas platforms

- Processing Platform
- ▲ Compressor Platform

Pipelines

- Planned reservation area
- Planned priority area
- Gas pipelines

Cables

- Power cable (in service)
- Power cable (planned)
- Telecommunication cable (in service)
- Telecommunication cable (out of service)
- Telecommunication cable (planned)
- Unknown cable (in service)
- Unknown cable (out of service)

Military

- Military exercise area

Shipping

- Planned reservation area
- Planned priority area

plus Fisheries!

Status of Biodiversity and BSPI 2010

A Baltic Sea Pressure Index

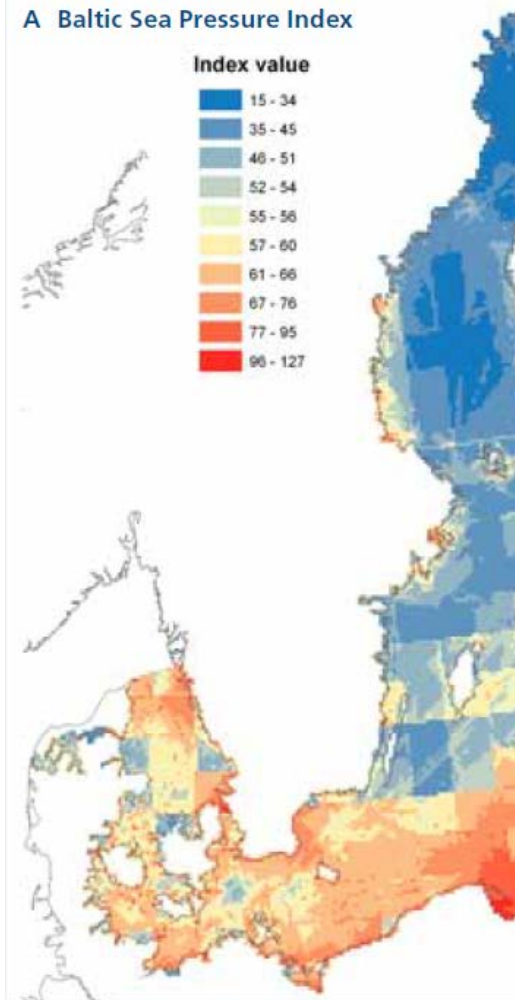
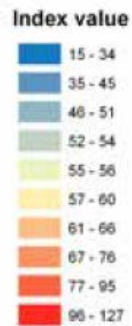
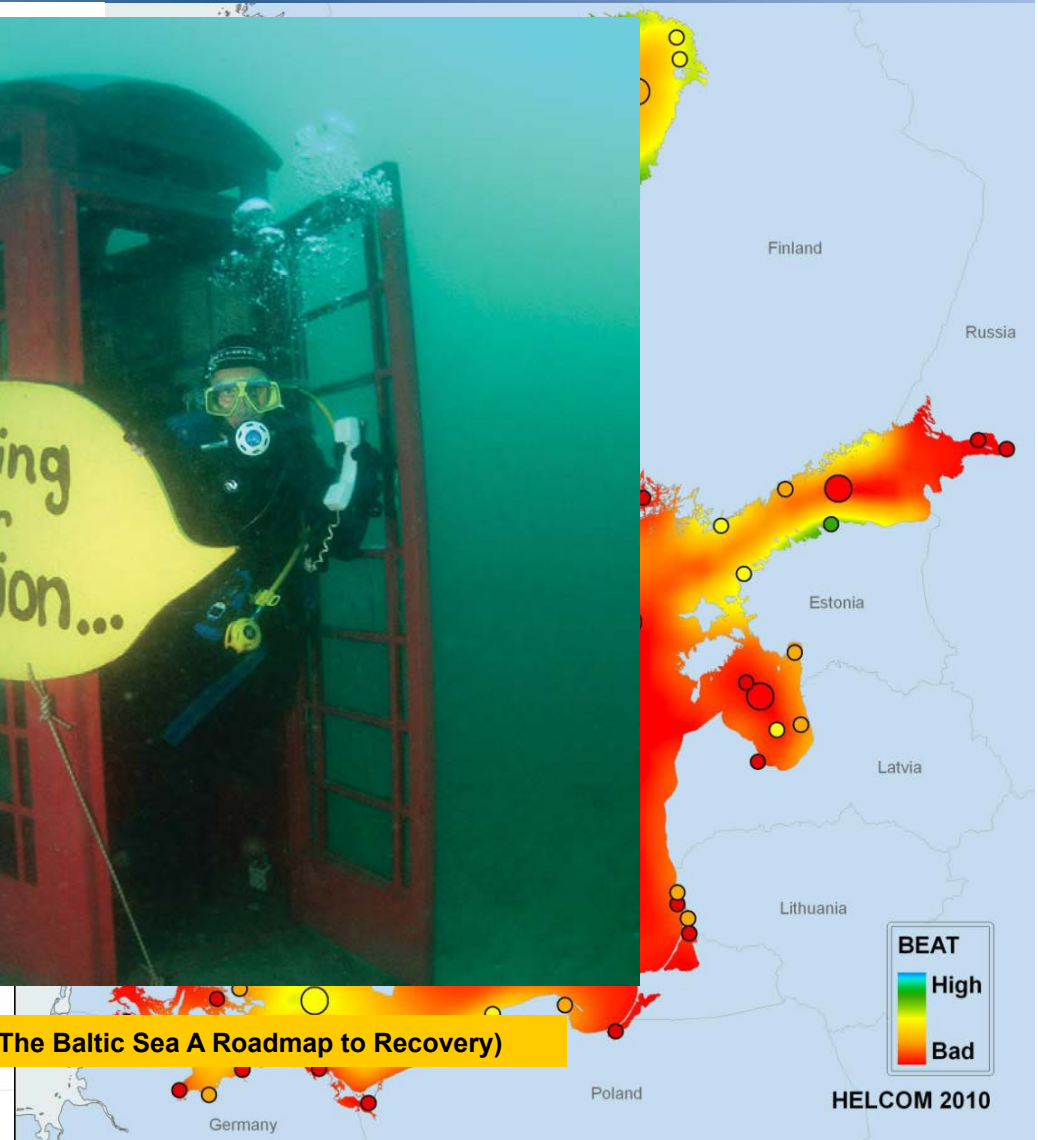
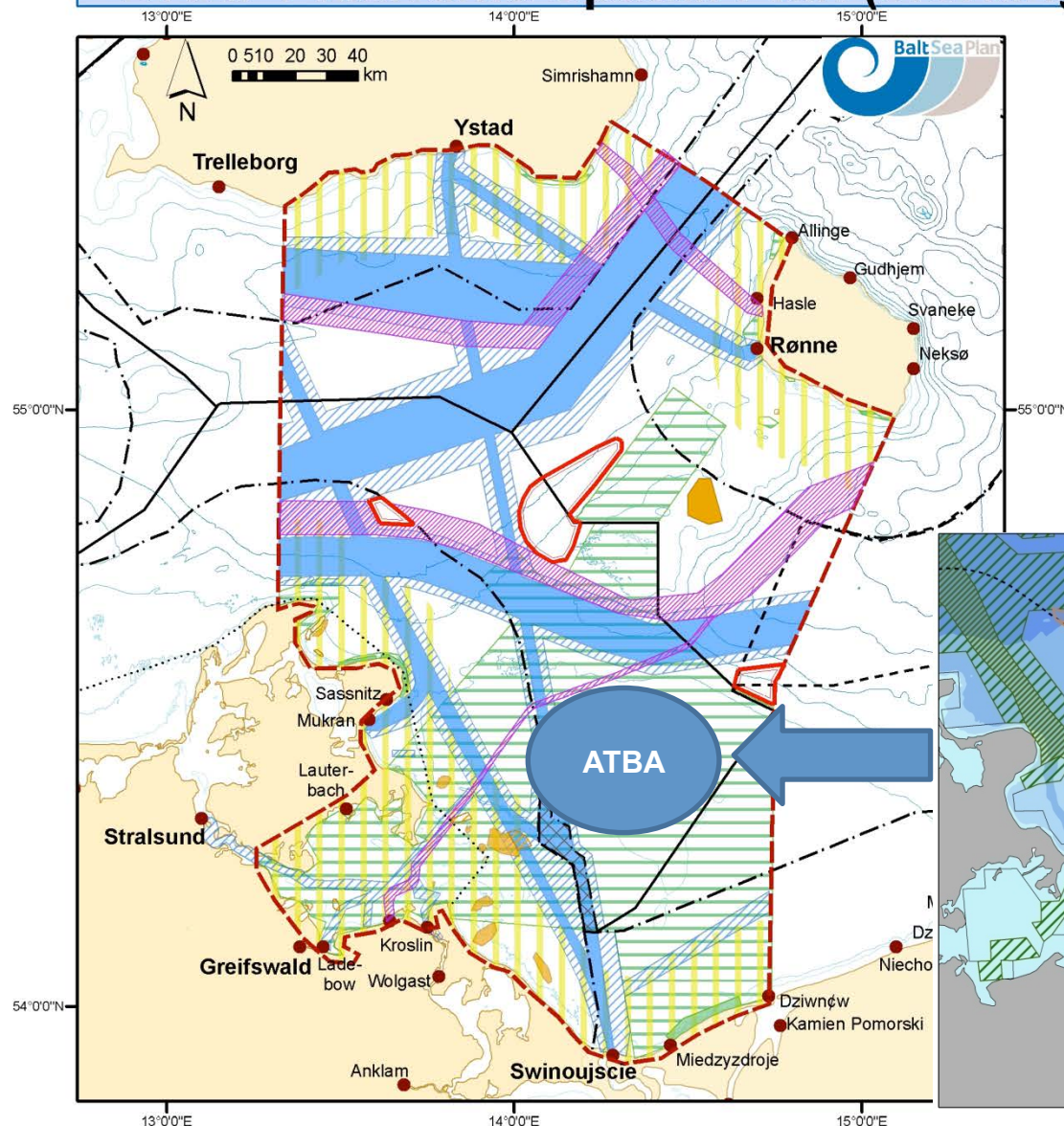


Photo from: Greenpeace: (The Baltic Sea A Roadmap to Recovery)



Pilot Project Area Pomeranian Bight / Arkona Basin - DRAFT Maritime Spatial Plan (Working Document) -



Regulations

Shipping

- Priority Area Shipping
- Reservation Area Shipping

Offshore Wind Energy

- Suitable Area Wind Energy

Submarine Cables/Pipelines

- Reservation Area Cables/Pipelines

Marine Raw Materials

- Priority Area Sand and Gravel
- Reservation Area Sand and Gravel

Nature Conservation

- Priority Area Nature Conservation
- Reservation Area Nature Conservation

Tourism

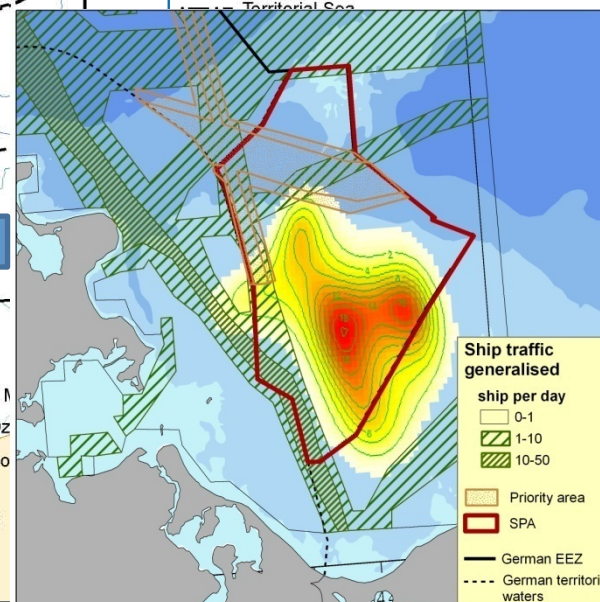
- Reservation Area Tourism

Fishery

- Reservation Area Fishery
(No areas designated yet - should be further developed based on more detailed data.)

Boundaries

- EEZ
- Territorial Sea



Federal Agency for
Nature Conservation

Map Projection:
Mercator (54°N), WGS 84
BSH / 24.04.2012



AMT FÜR
FFFAHRT
GRAPHIE



2009 Planning the future
2012 of the Baltic Sea



Baltic Sea Region
Programme 2007-2013
Part-financed by the European Union
(European Regional Development Fund)

Conclusions and Recommendations

BSPAs are the „PEARLS“ of the Baltic Sea area and must be protected

Spatial and thematic protection requirements must be included in MSP as reservation- and priority areas

Protected areas are not the only protection layer within MSP, other interests such as migratory routes and flyways must also be recognised

MSP is not a tool for planning networks of protected areas.

Thank you very much for your attention!

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