

Ensuring the delicate balance between the use of sea's plentiful resources and maintaining its unique natural world

MSP activities in the Baltic Sea area

Dr. Anita Mäkinen,

Co-chair of the Joint HELCOM-VASAB MSP Working Group

- **NOSTRA-Forum 1 October 2013 Helsinki**

The Baltic Sea Region

Ar

Area: 373 000 km²

Volume: 20 900 km³

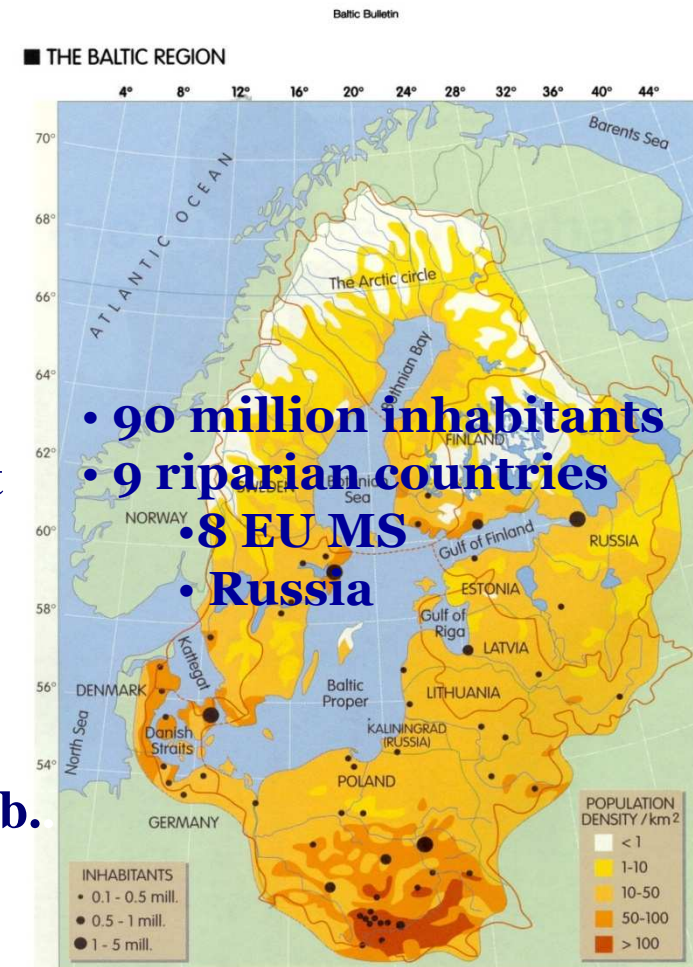
Catchment area: 1.6 million km²

Water residence time: 25-35 years

Salinity range: from 23 ‰

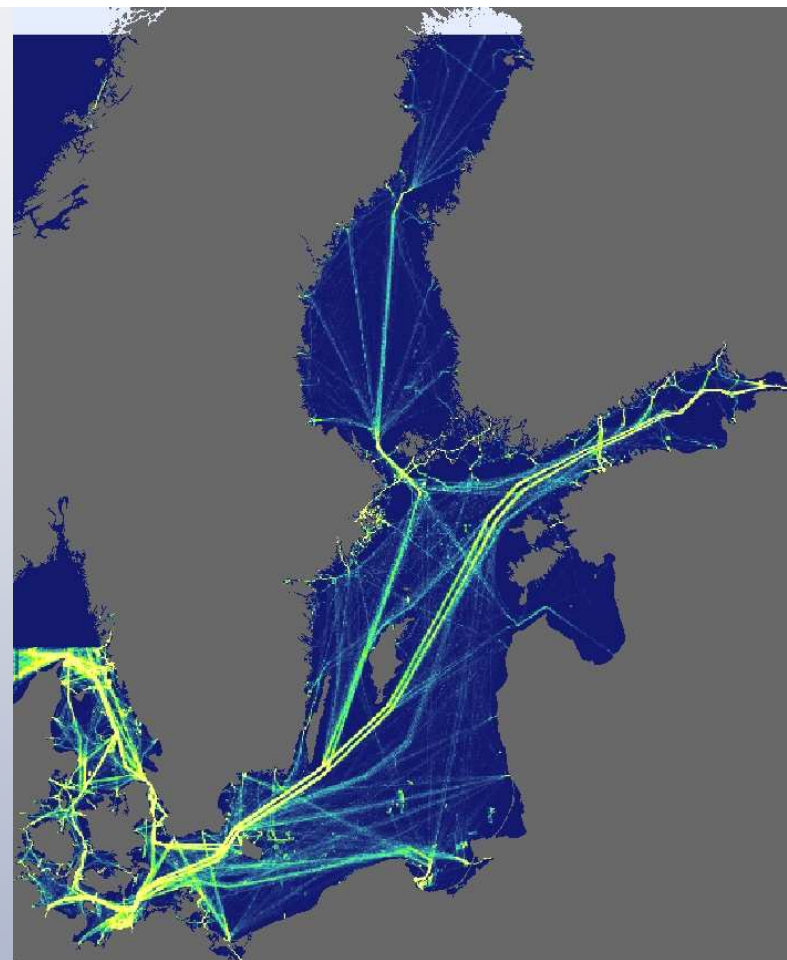
In the Danish Straits to approx. 2-3 ‰
in the easternmost GOF and northernmost
GOB.

Due to exceptional salinity conditions,
the Baltic Sea is characterised by **low**
species diversity of freshwater and
marine origin, and a simplified food web.

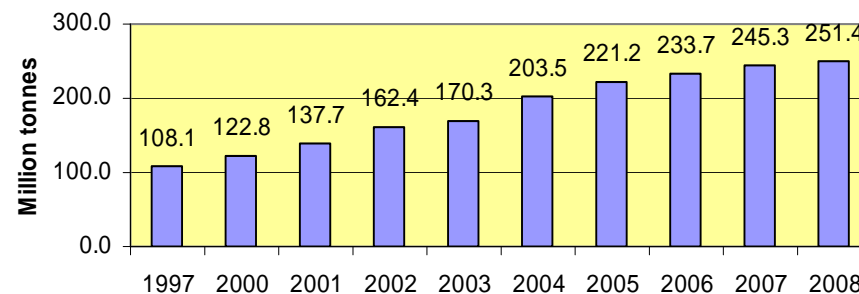


Maritime traffic

- 2000 ships at any given moment
- In 2009, vessels entered or left the Baltic Sea via Skaw 62,743 times - increase by 20% since 2006
- 21% of those ships were tankers
- Also heavy ship traffic through the Kiel Canal – 30,314 ships
- The strongest growth in shipment of oil - from the Gulf of Finland



Amount of oil turnover in the largest Baltic oil terminals



Increasing oil transportation





Increasing cargo and passenger traffic



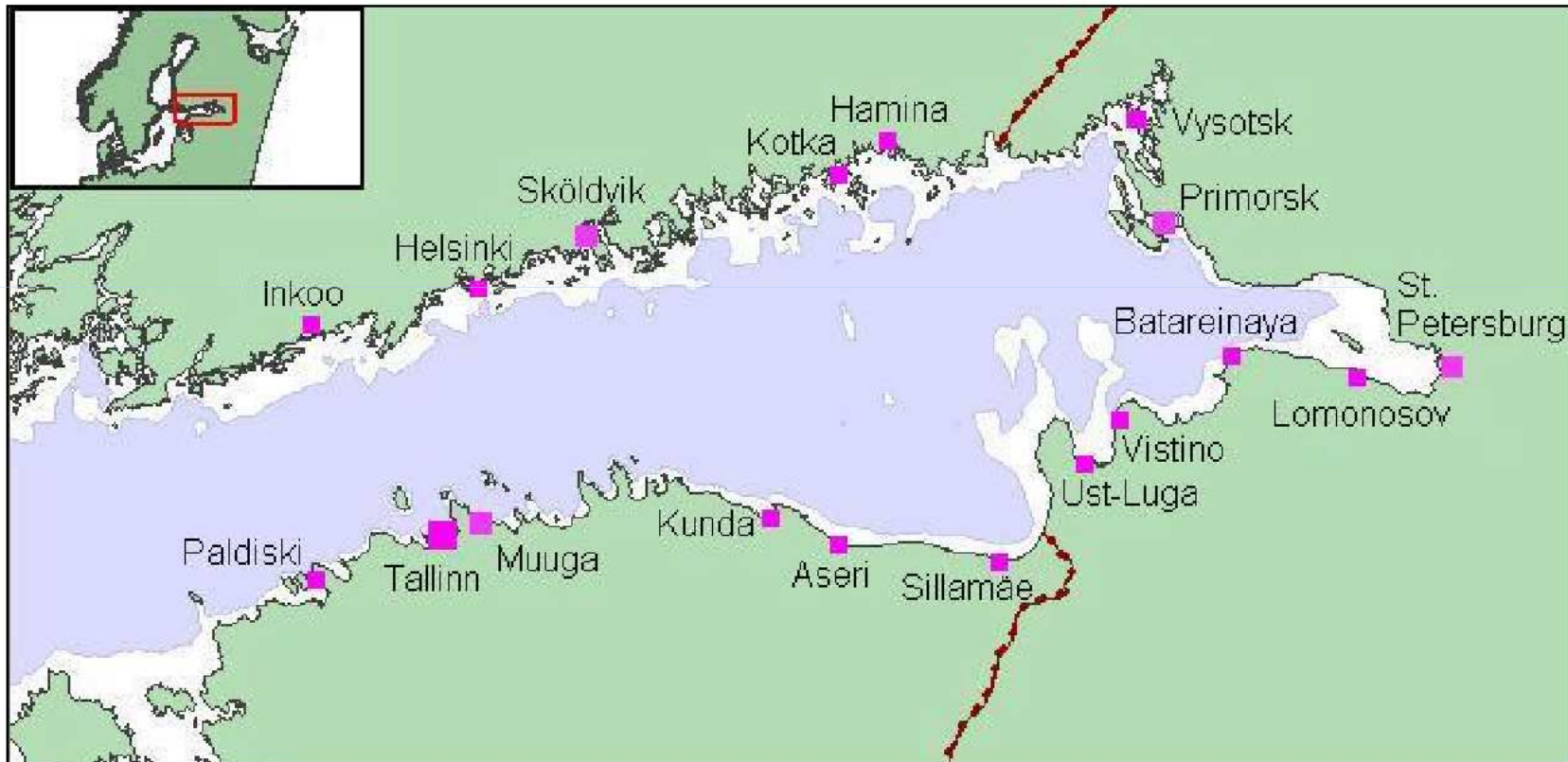
Location of Ports and Harbours



Photo by Erkki Siirilä

Oil harbours in the Gulf of Finland

New: Lomonosov, Batareinaya, Vistino (+Gorki), Ust-Luga, Sillamäe, Aseri, Kunda

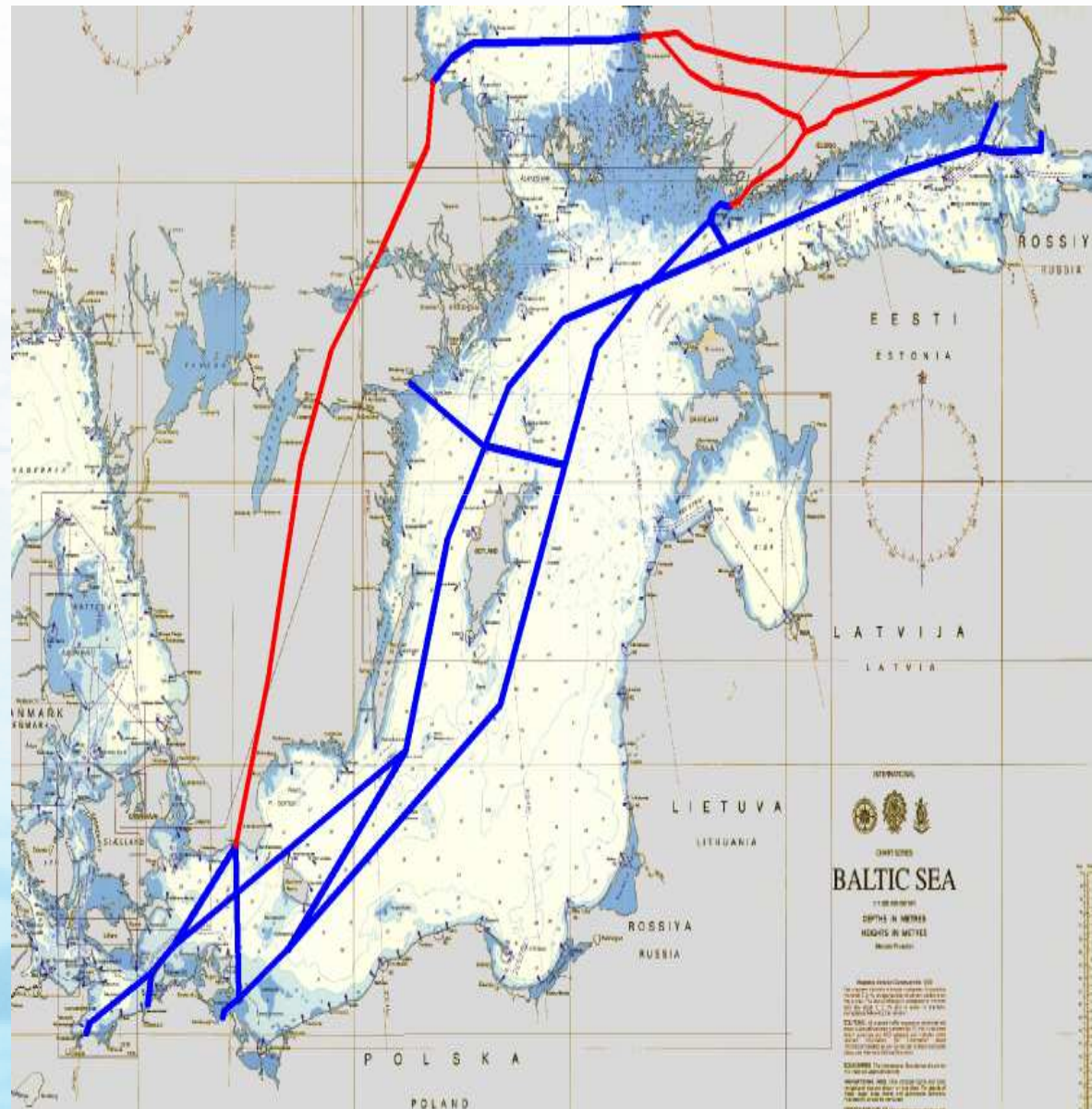


Marine recreation



Kuva: Anita Mäkinen

Submarine Oil- and Gas pipelines and cables



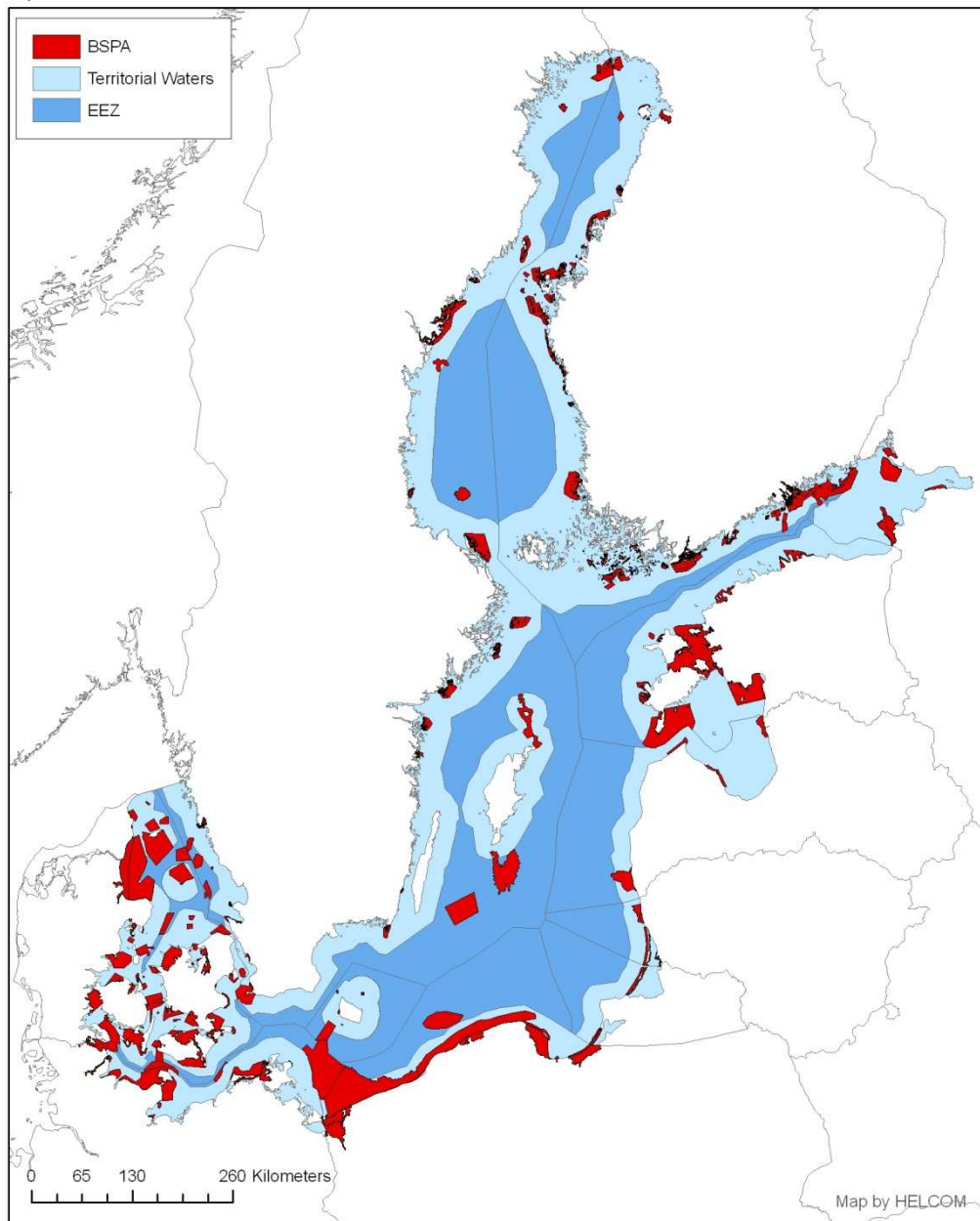
Windmillparks



Mineral extraction



The BSPA network



	Rec 15/5	Designated BSPAs			
	1994	2004	2008	2009	2010
Denmark	12	16	16	16	67
Estonia	6	5	5	7	7
Finland	8	22	22	22	22
Germany	8	9	12	12	12
Latvia	4	4	4	4	4
Lithuania	3	3	3	4	4
Poland	5	4	4	9	9
Russia	3	2	2	2	6
Sweden	13	13	21	28	28
Baltic Sea	62	78	89	104	159

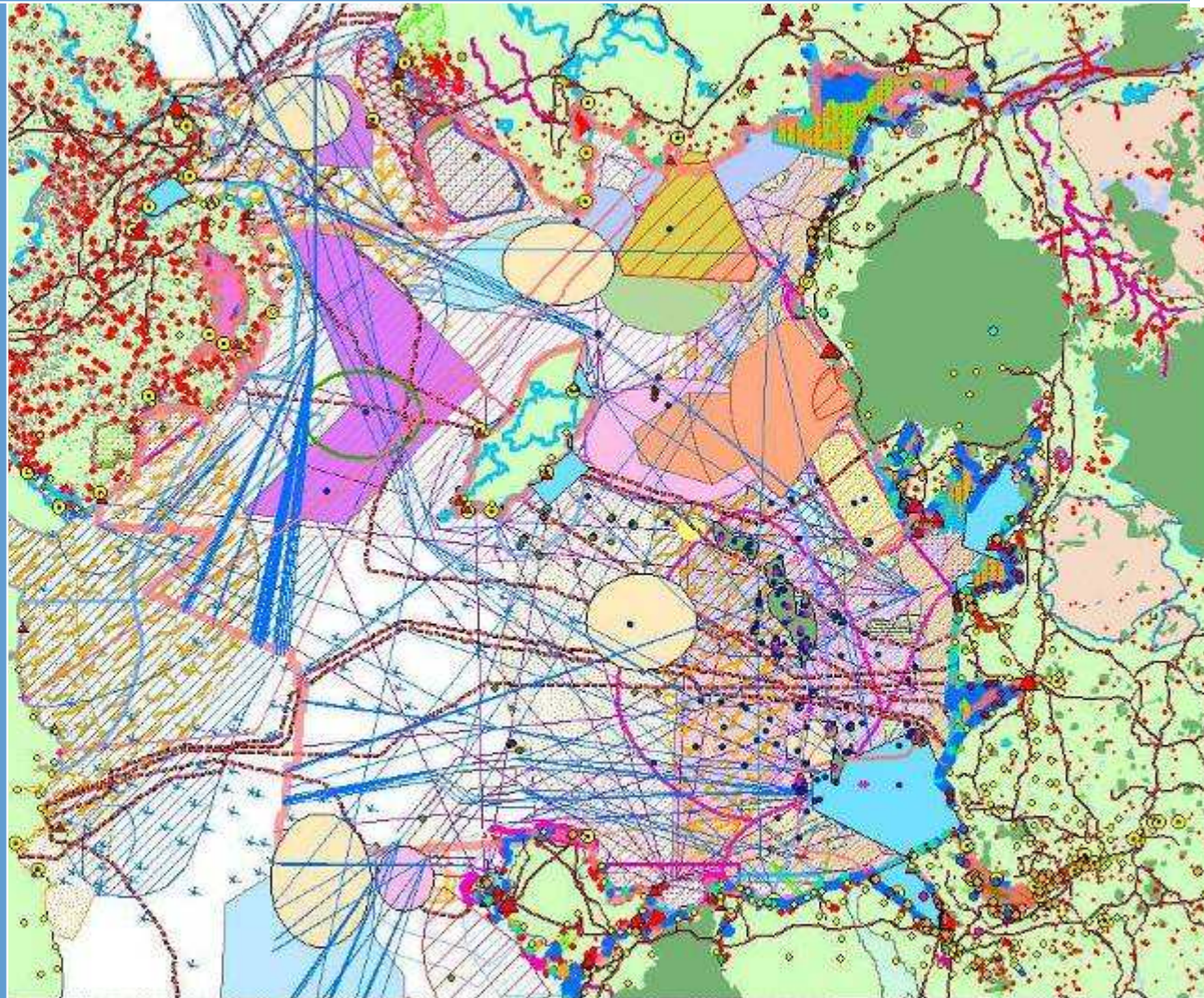
Fisheries



Photo by WWF-Canon
Quentin Bates

COMPETING CLAIMS Maritime Policy

- Land use
- Tourism
- Oil & Gas
- Mariculture
- Coastal Defence
- Ports & Navigation
- Military Activities
- Culture
- Conservation
- Dredging & Disposal
- Submarine Cables



▪ Fishing

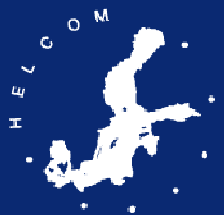
▪ Renewable
Energy

▪ Marine
Recreation

▪ Mineral
Extraction

Joint HELCOM-VASAB Maritime Spatial Planning Working Group

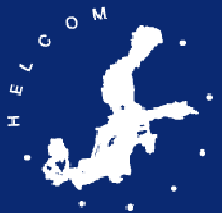
- Launched in October 2010
 - to ensure cooperation among the Baltic Sea Region countries for coherent regional Maritime Spatial Planning (MSP) processes in the Baltic Sea
- A prominent role in promoting MSP in the region together with other stakeholders



Mandate for the joint HELCOM-VASAB MSP WG

- Adopted by HELCOM and VASAB CSPD
- Sets out the overall aims of the Working Group as well as the anticipated tasks
- A firm basis for transboundary cooperation on MSP as well as Integrated Coastal Zone Management in the Baltic Sea region leading to development of a future coherent overall spatial planning for the Baltic Sea

➔ Baltic Sea a forerunner in MSP in Europe.



Existing policy framework

HELCOM

- MPAs – Recommendation 15/5 (1994)
- Maritime Traffic –HELCOM Copenhagen Declaration (2001)
- ICZM - Recommendation 24/10 (2003)
- HELCOM Baltic Sea Action Plan (2007)
- Development of broad-scale MSP principles - Recommendation 28E/9 (2007)

VASAB

- Recommendations on Spatial planning in ICZM and Sea Use Planning (2005)
- VASAB Long Term Perspective for the Territorial Development of the Baltic Sea Region till 2030 (2009)
- Compendium on Maritime Spatial Planning Systems in the Baltic Sea Region Countries

EU

- EU Maritime Policy (Blue Book)
- ICZM - Recommendation 2002/413/EC
- **Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL establishing a framework for maritime spatial planning and integrated coastal management (March 2013)**

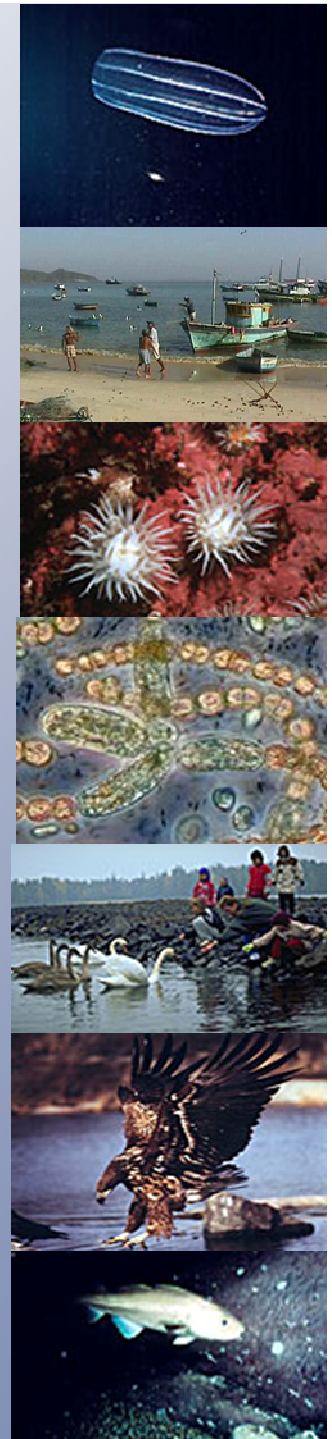
Global

- World Summit on Sustainable Development (2002)
- UNESCO initiative on MSP



Adopted Baltic Sea Broad-scale MSP Principles

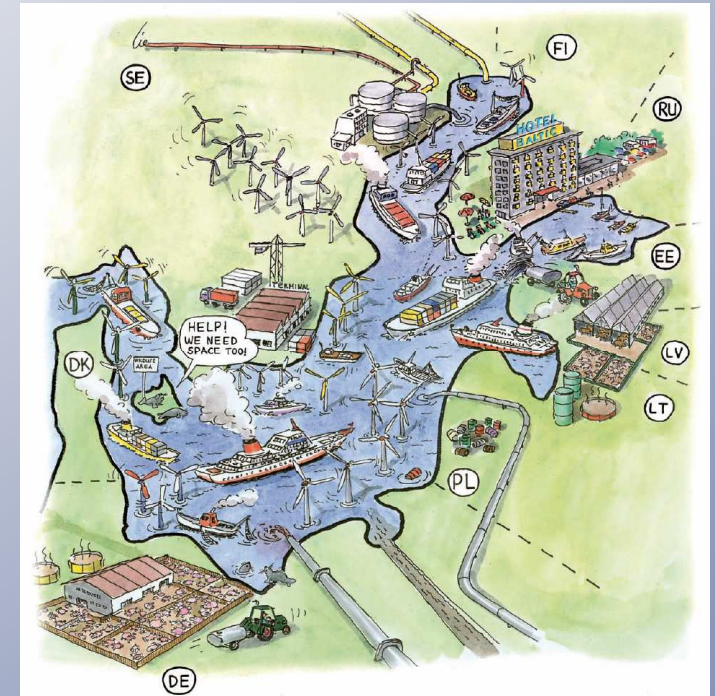
1. Sustainable management
2. Ecosystem approach
3. Long term perspective and objectives
4. Precautionary Principle
5. Participation and Transparency
6. High quality data and information basis
7. Transnational coordination and consultation
8. Coherent terrestrial and maritime spatial planning
9. Planning adapted to characteristics and special conditions at different areas
10. Continuous planning



Principle 1

Sustainable management

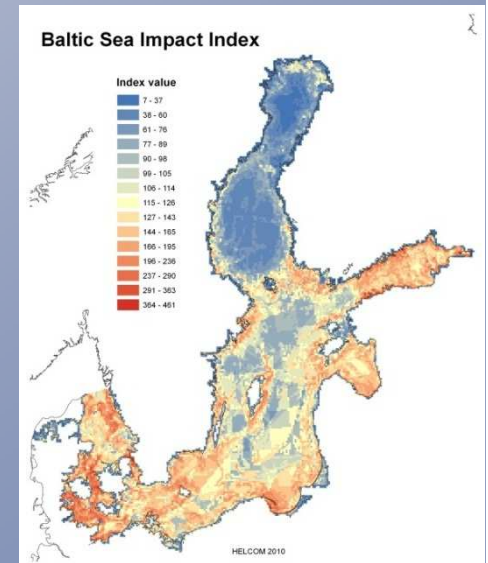
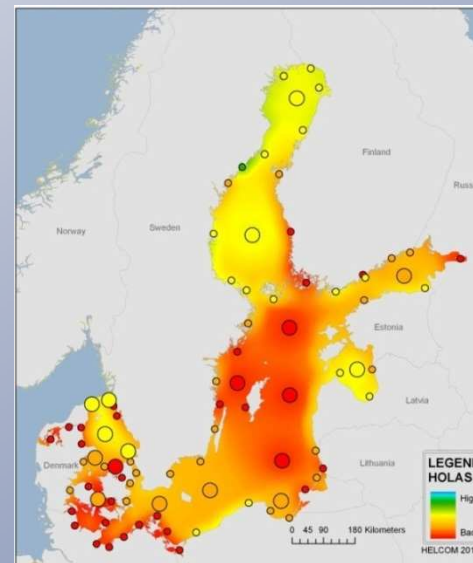
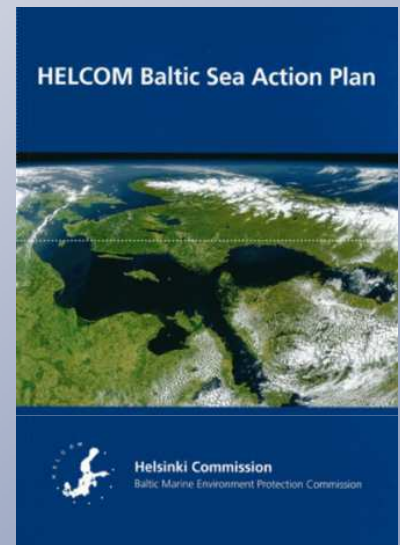
- Multiple uses of the marine environment
 - Limited space and competing uses
- MSP is the key tool for sustainable management by
 - balancing economic, environmental, social and other interests
 - integrating sectoral planning
 - applying the ecosystem approach



Principle 2

Ecosystem approach

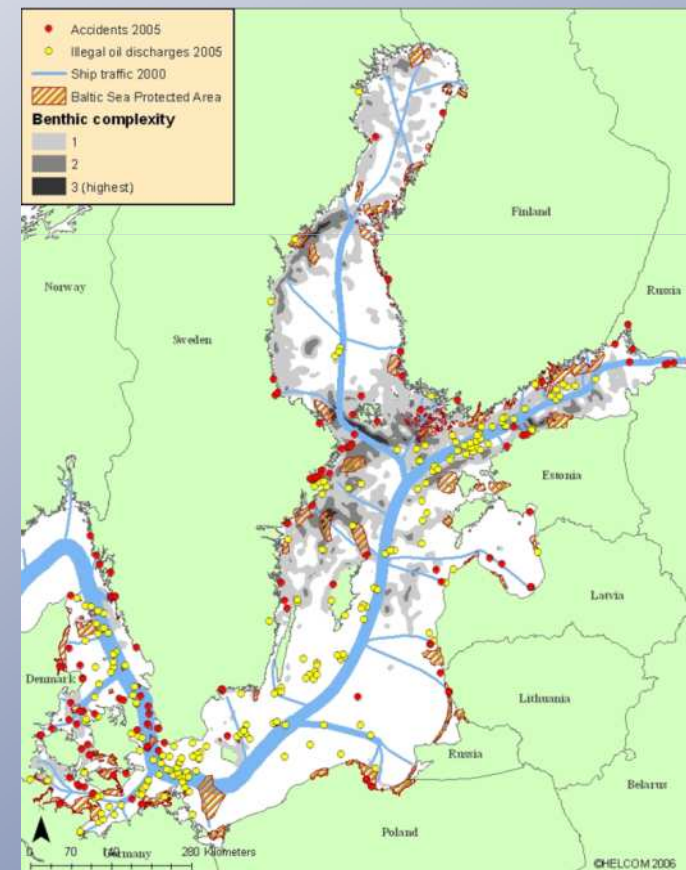
- Overarching basis for implementing MSP
- Ecosystem health status of the entire sea is impaired and anthropogenic pressures impact all sub-basins
- Aims at:
 - a Baltic Sea ecosystem in good status (healthy, productive and resilient)
 - to provide the full economic potential of marine areas



Principle 3 and 7

Long term perspective and objectives Transnational coordination and consultation

- Baltic Sea – a common sea
- Cooperation needed among Baltic Sea countries, organizations and stakeholders
- Spatial vision and strategy for all main uses for the Baltic



Principle 4 and 6

Precautionary Principle and High quality data and information basis

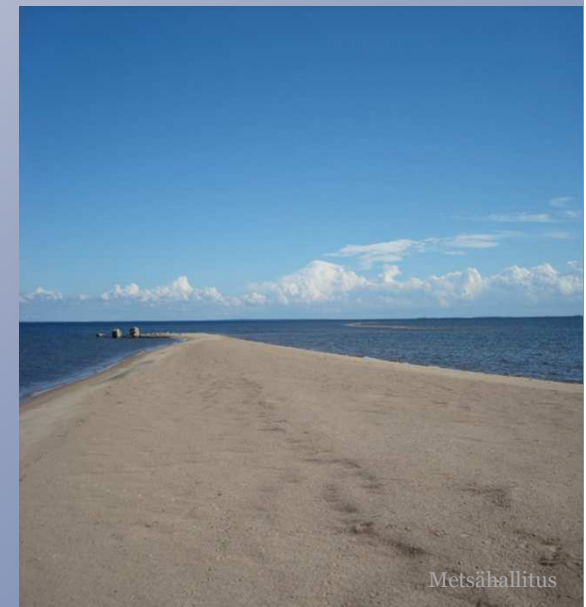


<http://maps.helcom.fi/website/mapservice/index.html>

The way forward for the Joint HELCOM-VASAB MSP WG

Focus on:

- Legal requirements for MSP
- Practical application of the ecosystem approach in MSP
- Integrated Coastal Zone Management linkages to MSP
 - Land-sea interface
 - EU ICZM Recommendation.
- Transboundary cooperation and testing of the adopted MSP principles
 - BaltSeaPlan
 - Plan Bothnia
 - GOF2014





2009 Planning the future
2012 of the Baltic Sea



BaltSeaPlan

The BaltSeaPlan Vision 2030

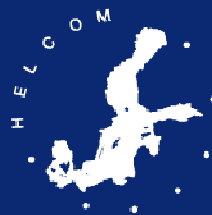
Towards sustainable planning of
Baltic Sea space

Nico Nolte, BSH, Lead Partner



Baltic Sea Region
Programme 2007–2013

Part-financed by the European Union
(European Regional Development Fund)

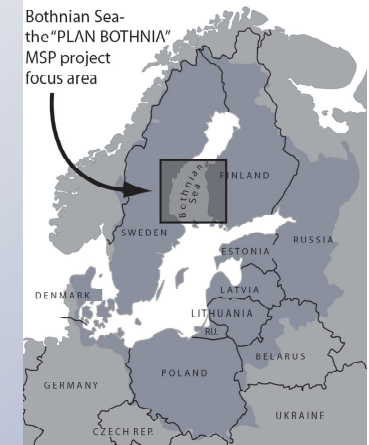


Co-financed under European Integrated Maritime Policy

PLAN BOTHNIA -project

www.planbothnia.org

- DG MARE MSP "preparatory action" (MARE/2009/16)
- HELCOM lead partner, VASAB partner
- 18 months (Dec 2010-May 2012)
- Joint transboundary spatial planning in the Bothnian Sea (Finland and Sweden)
- Implementing:
HELCOM BSAP 2007 & Rec. 28E/9:
(MSP principles tested by 2012)



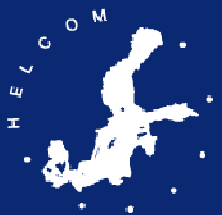
The way forward within MSP in Europe

- Closer co-operation
- Enhanced and strengthened dialogue and co-ordination
- Regular joint workshops ensuring the exchange of experience and knowledge as well as the up-date on the status quo in the respective marine regions
- Involvement of EC to ensure information flow about MSP
- Involvement of other actors, practitioners and relevant organizations
- ICES to support and contribute to the deliberations and the work in the dedicated working groups in each of the marine regions



Gulf of Finland 2014 year

- A pilot project like the Plan Bothnia Project for the GoF on MSP (Estonian, Finnish, Russian, Polish partners)
- Funding instrument could be BONUS research program (II call in 2013)?



Study topics

1. Pilot MSP for the whole GOF like the outcome of the project Plan Bothnia

2. Hots spots:

a) Preliminary MSP for the Bay of Vyborg

b) Preliminary MSP for the Gulf of Narva

3. Data (quality) for MSP and presentation of the data (including maps, harmonization of symbols on maps, data compilation and harmonization)

4. Legislative and administrative differences/similarities on MSP in EST, FIN and RUS

- Clearing house mechanism among MSP authorities in EST, FIN and RUS

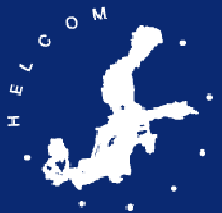
- finding common ground for administrative policies (and administrative structures)



5. Serious of workshops for planners in EST, FIN and RUS to start harmonization for terminology, methods and practice on MSP.

6. How to model existing and evolving conflicts in the GOF and how e.g. seasonality is taken into account in these.

**7. Dissemination of the outcome/results of the project
A book based on materials of MSP exercise in the GOF.**



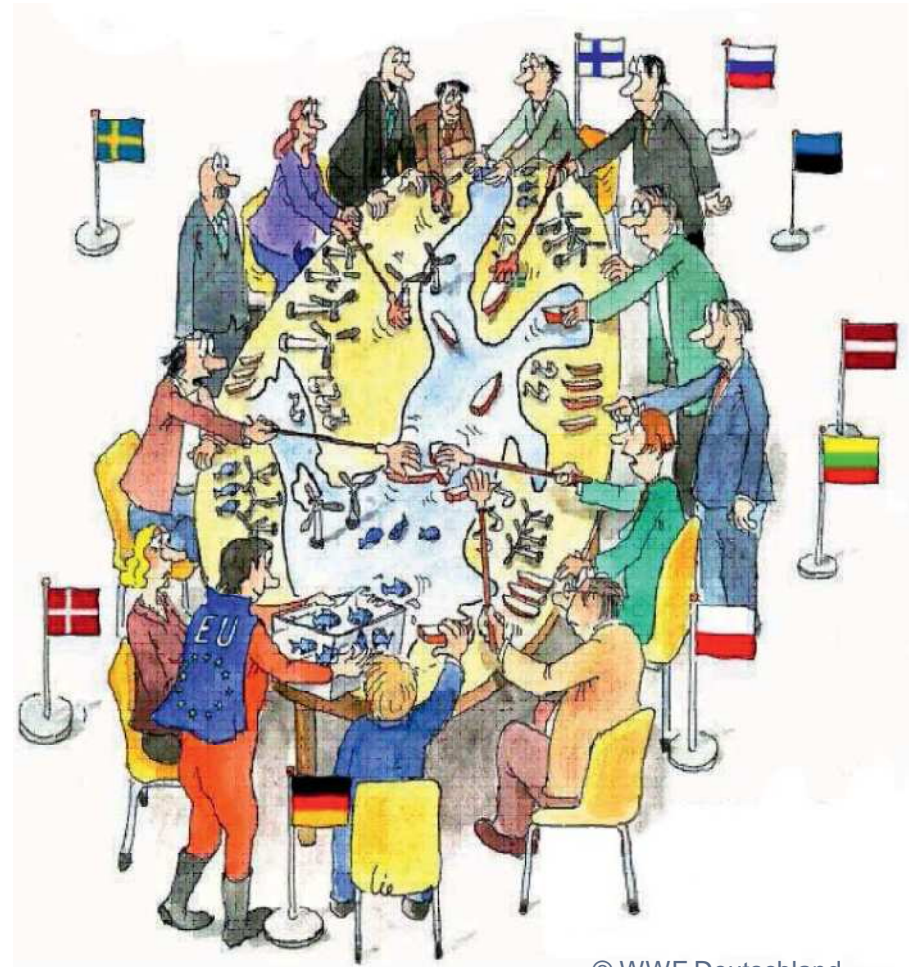
Thank you!

Helsinki Commission (HELCOM)
Katajanokanlaituri 6 B
FI-00160 Helsinki, Finland
www.helcom.fi

VASAB Secretariat
Elizabetes street 19
LV-1010 Riga, Latvia
www.vasab.org

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