

3 A. MSP in the Baltic perspective

Marine Spatial Planning in Sweden and the need for a Pan Baltic Baseline

Riga 2014

Tomas Andersson



3 A. MSP in the Baltic perspective

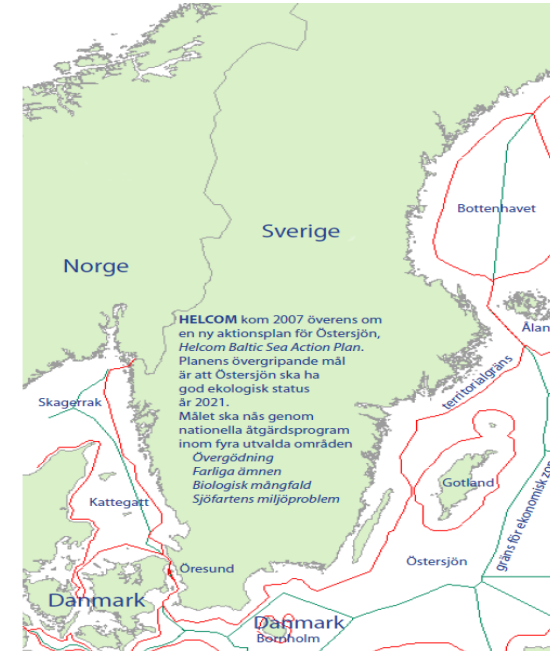
- Presentation about MSP in Sweden and Swedish Status report
- What are the tranboundary issues?
- Discussion about the need for a common Pan-Baltic Baseline for MSP?

Governance system in Sweden



- **Central government - Cabinet with ministries and large number of national agencies**
- **21 counties where County Administrative Boards represent central government**
- **20 County Councils responsible for health care and local transport**
- **290 Municipalities responsible for spatial planning, schools, social welfare, water and waste, etc.**
- **Counties and Municipalities cover the Territorial Sea**

Swedish Agency
for Marine and
Water Management



Special features of the Swedish land and water planning

- Local authorities are responsible for integrated spatial planning, land and water
- Local comprehensive plans should include planning of the territorial sea (12 nm)
- No integrated spatial planning at a national level
- Separate “planning” by different sectors affecting spatial distribution

New MSP law for Sweden

A paragraph on MSP to be added to the Environmental Code

- Marine spatial plans shall contribute to sustainable development
- Guiding MSP (like Comprehensive master plan)
- Plans to be adopted by Government

New MSP law for Sweden cont...

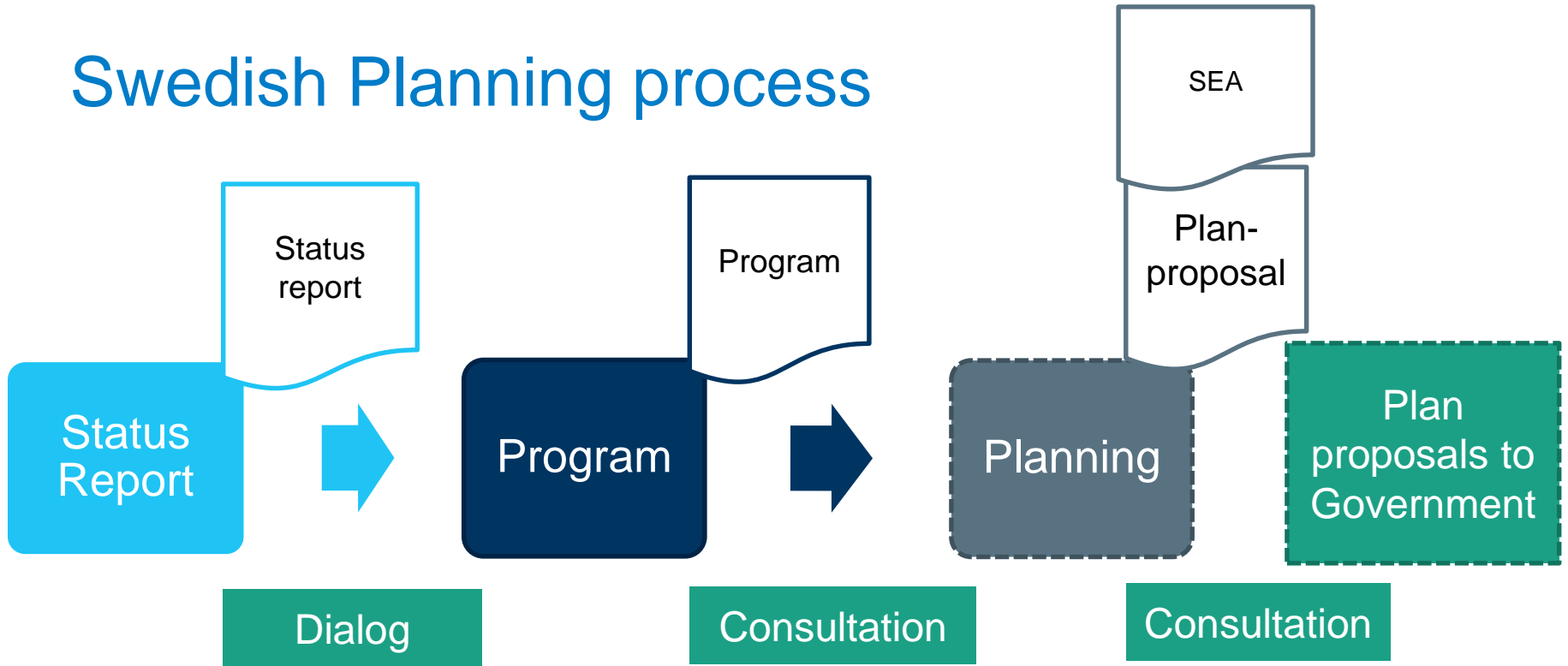
- Government may adopt regulations prohibiting or limiting activities in destined geographical areas
- To be in force by 1 September 2014
- An ordinance will complement the legislation with more detailed instructions to the Agency of Water and Marine Management

Geographical scope

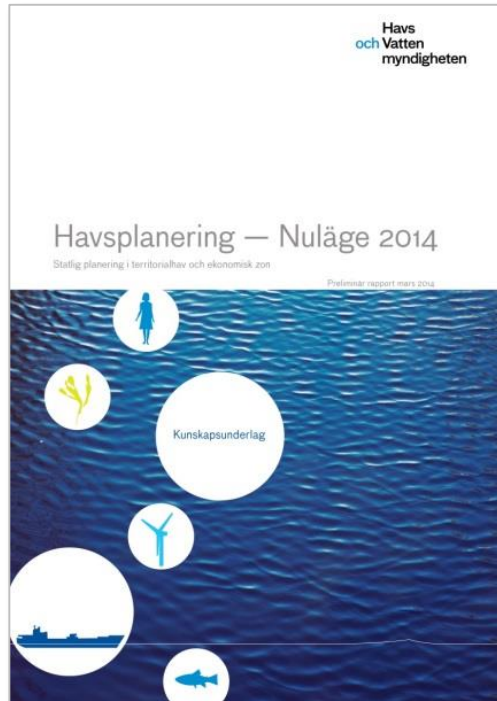
- From one nautical mile from the baseline seawards incl. territorial sea and exclusive economic zone (EEZ)
- 1. Gulf of Bothnia,
2. Baltic Sea
3. Skagerrak/Kattegat
- Approx. 130 000 km²



Swedish Planning process



Preliminary Status Report

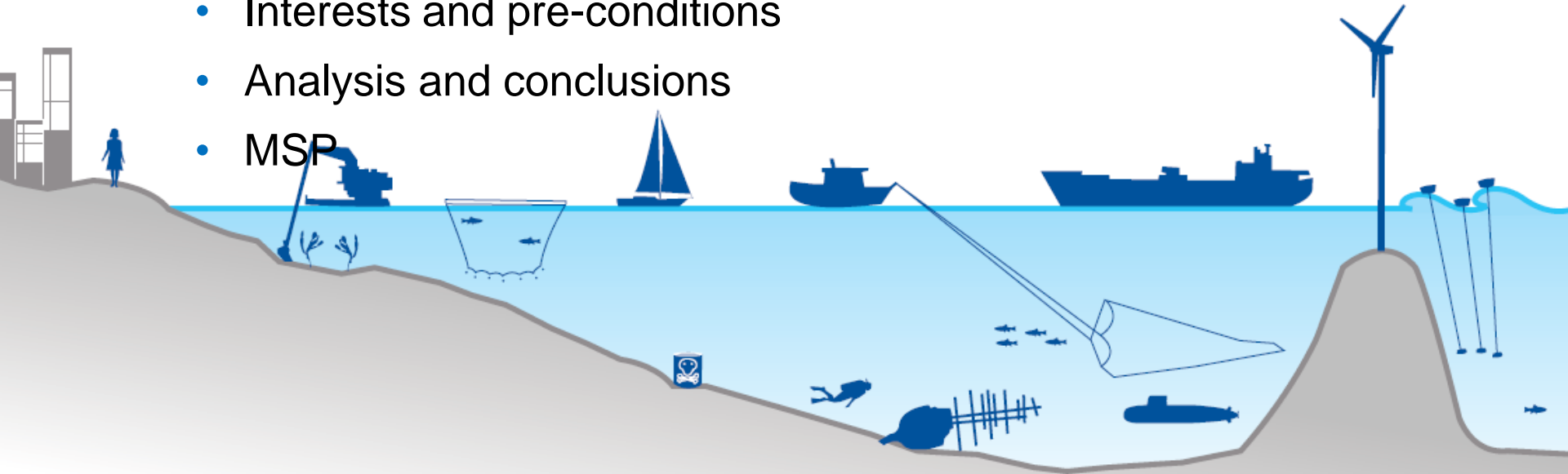


- A Comprehensive picture of the conditions for use today
- Interests and claims today
- Expected development
- Leverage point for the planning phase

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Content of the Status Report

- The Ecosystem and it's status
- Population
- Interests and pre-conditions
- Analysis and conclusions
- MSP



Interests and pre-conditions presents for:

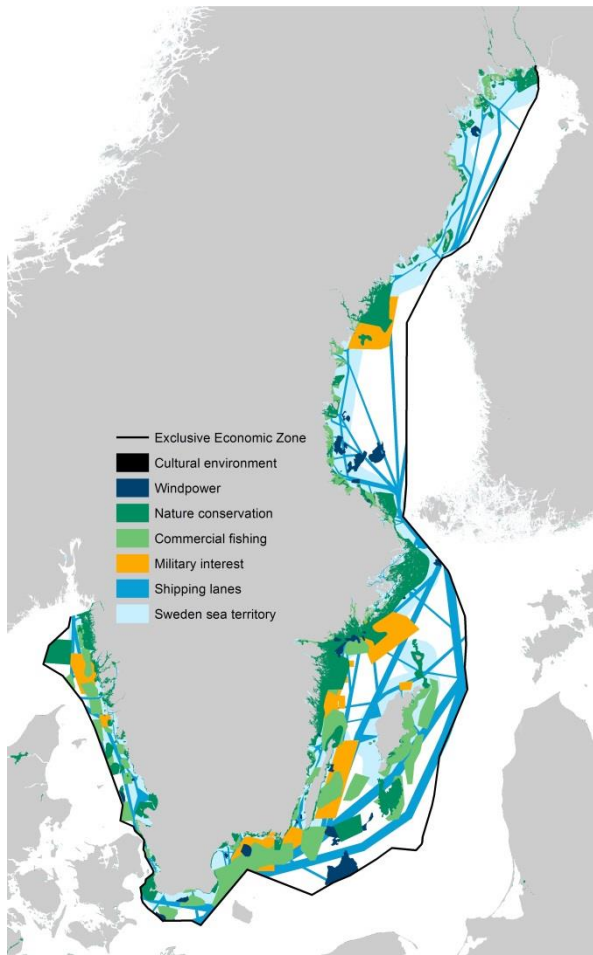
- Cultural heritage
- Out door life and tourism
- Fisheries
- Aquaculture
- Shipping
- Military
- Energy
- Infrastructure
- Natural resources
- Research and environmental monitoring
- Nature protection
- Risks and other effecting issues
- Legal pre-conditions
- Intelligence survey

For each interest:

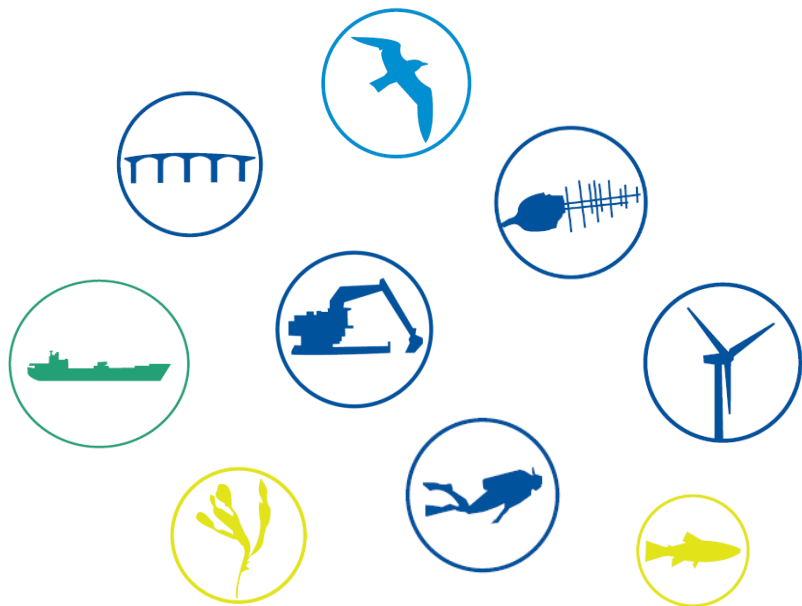
- Importance for society
 - stakeholders
- Use of the sea
 - Current status and trends
 - The sectors relations to other sectors
- Environment and climate
- Claims and targets
 - Goals and strategies
 - National interests
- Relevance for planning

Areas of National Interest

Swedish areas of national interest are designated at sea, both in the Territorial Sea and in the (EEZ), e.g. Natura 2000, Defence, Energy, Fisheries, Shipping lanes



Analysis



Space – conflicts and synergies

- In and on the seafloor/bedrock (under water)
- In water pillar
- On surface
- Above surface
- Effect on landscape

+ Time

Conclusions

- Potential goal conflicts and synergies
- Interacting and conflicting interest
- MSP mandate and possibilities
- Spatial conclusions
- Conclusions for continues planning

Conclusion for planning

How?

- Continued knowledge building and mapping of environmental values
- Development of competence on different levels:
 - To work cross sectorial
 - To work future oriented
 - With a comprehensive integrated perspective on planning

Conclusions for continued planning

International perspective

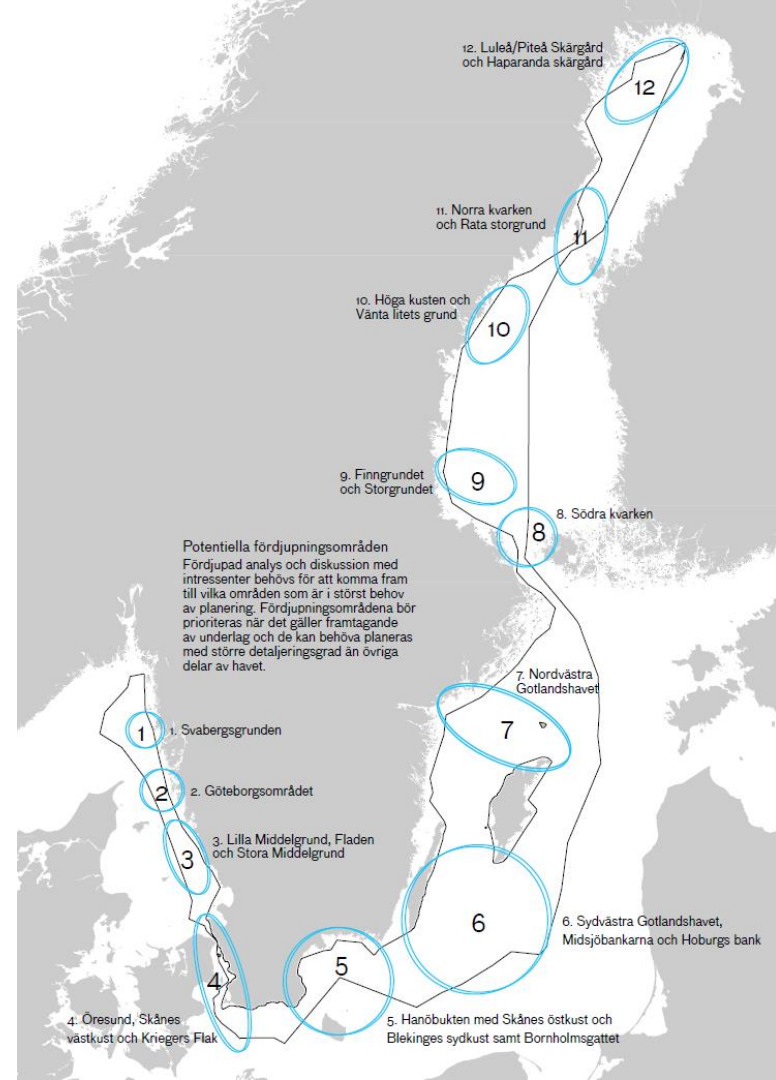
- Co-ordination with neighbouring countries is needed early in the planning process
- Ecosystem approach - create common understanding and perspective for preconditions and use together with neighbours

Conclusions about MSP mandate and possibilities

- MSP has great potential to direct localisation of installations and different protection areas
- Many activities are guided through international agreements, e.c. shipping, EU fishery policies
- Solving environmental problem in the Sea are depending on actions on both land and sea, MSP is just one tool

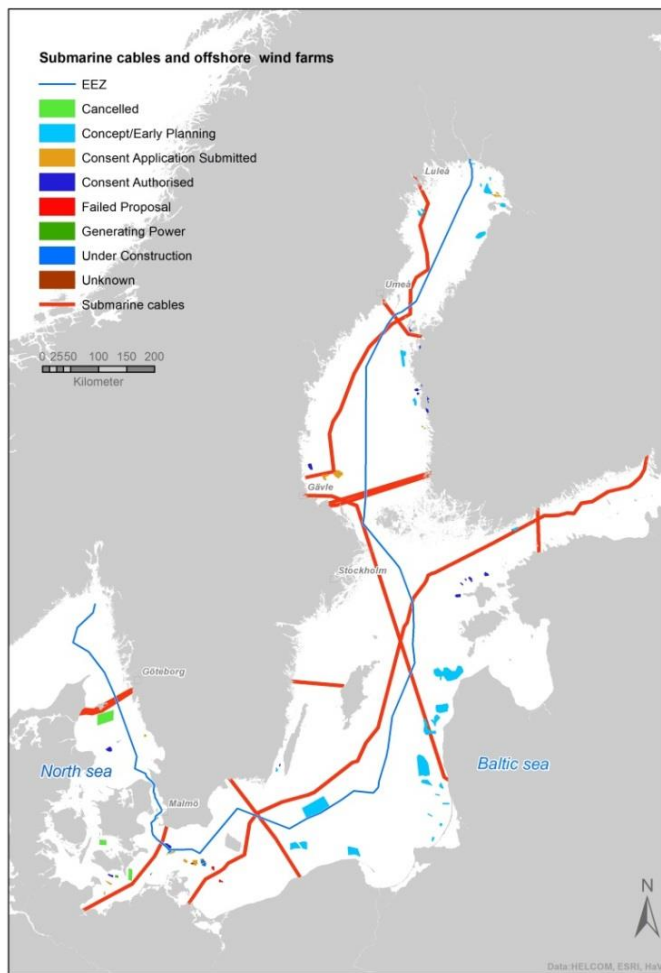
Areas of special interest

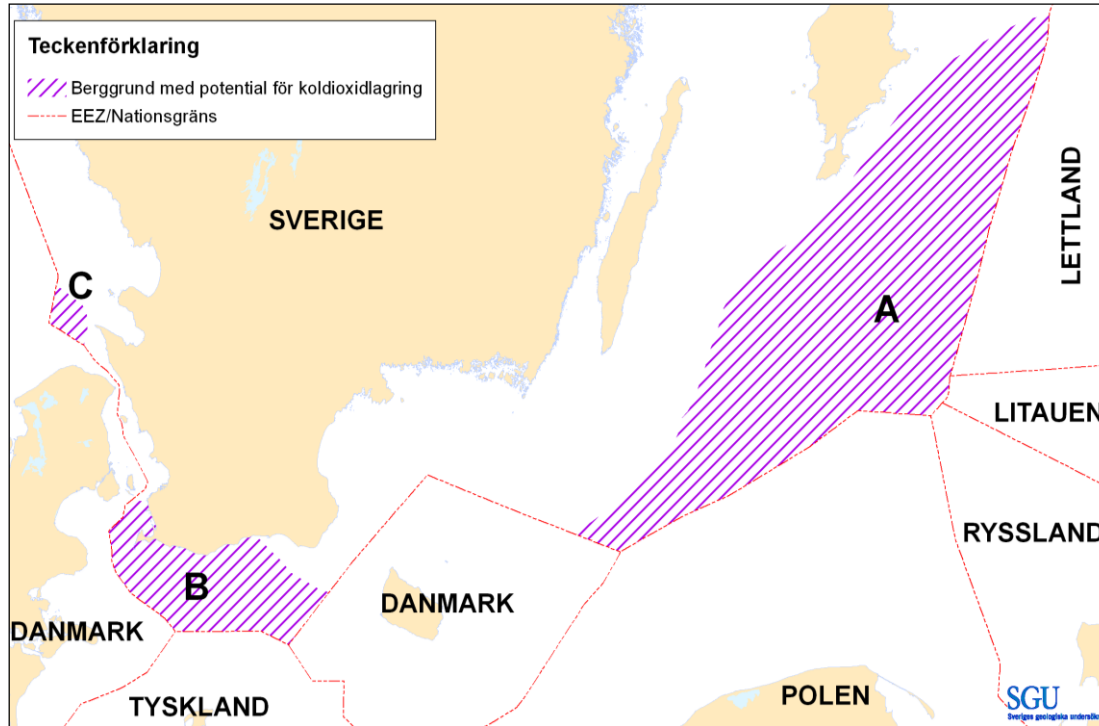
- Areas of greater need for planning
- Should be prioritized
- May need more in depth planning



Example of Cross-border issues

Cables and Wind farms



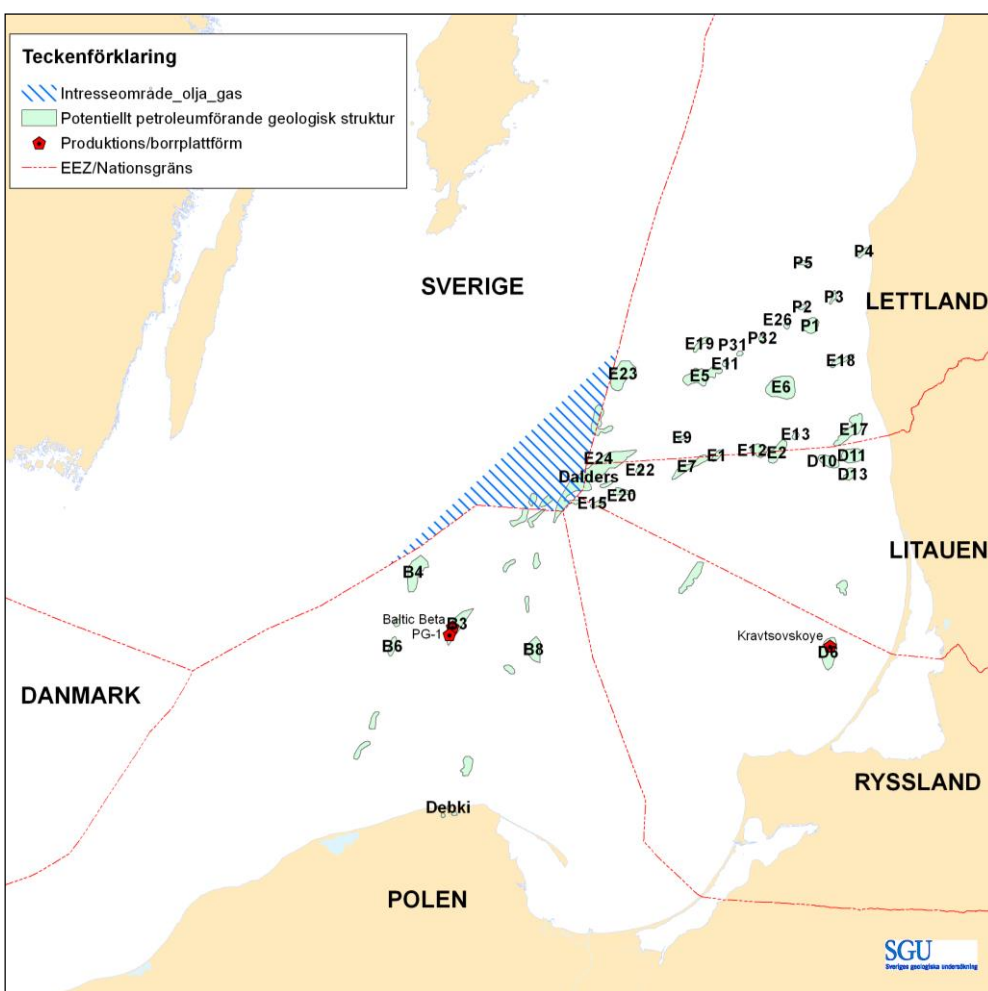


Example of
Cross-border issues

Areas with potential
for CO2 storage

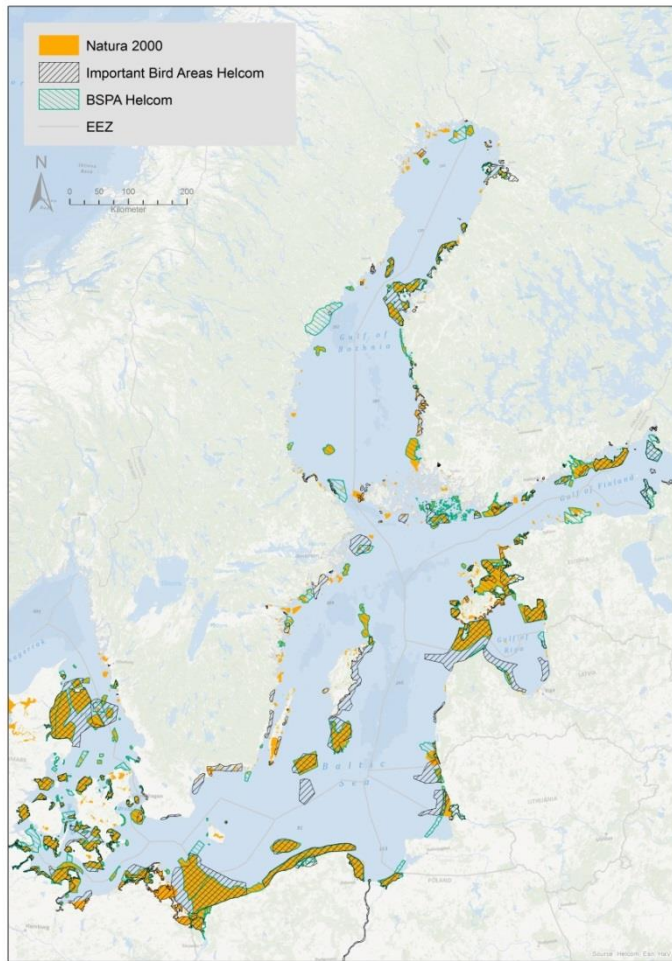
Example of Cross-border issues

Oil rigs, structures
potential for oil
extraction



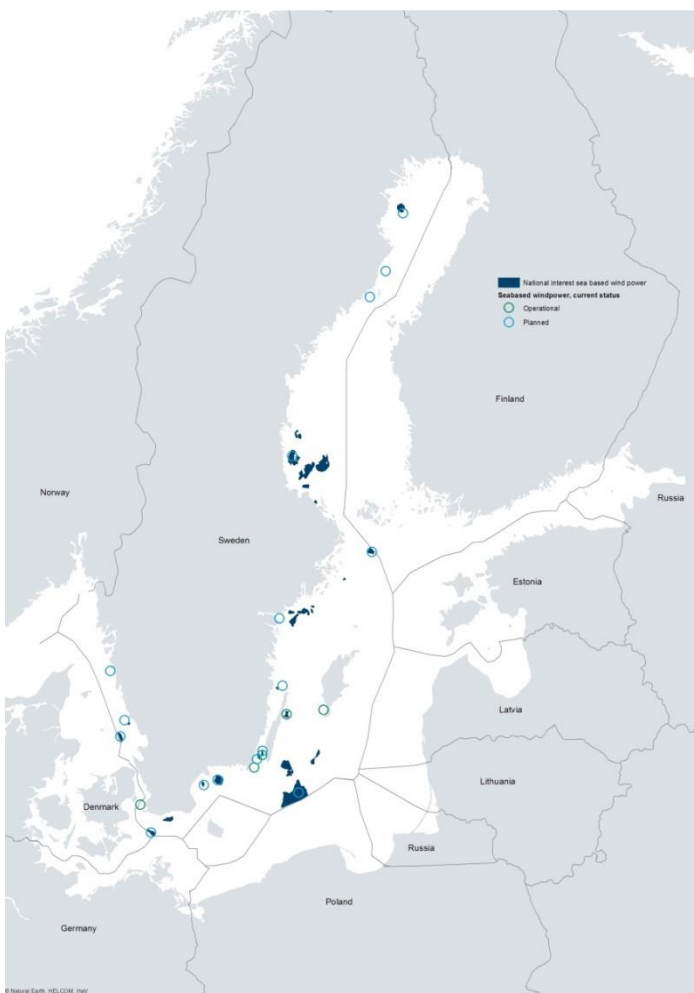
Example of Cross-border issues

Nature 2000, BSAP, Bird Areas



Example of Cross-border issues

Offshoer wind power



Example of Cross-border issues

Potential areas for CO₂
storing, Oil exploration



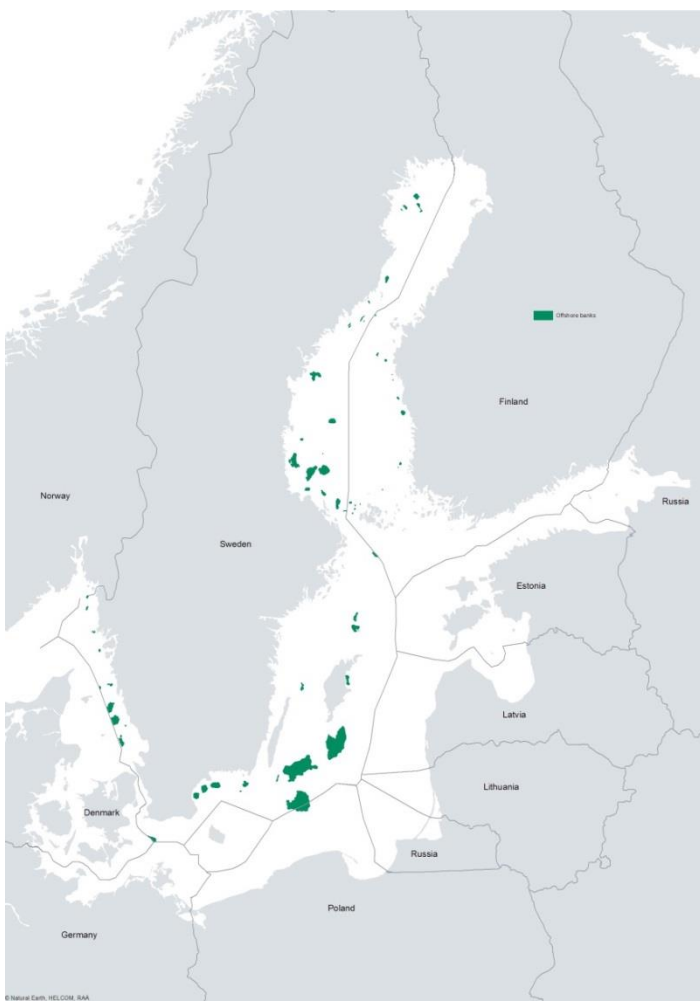
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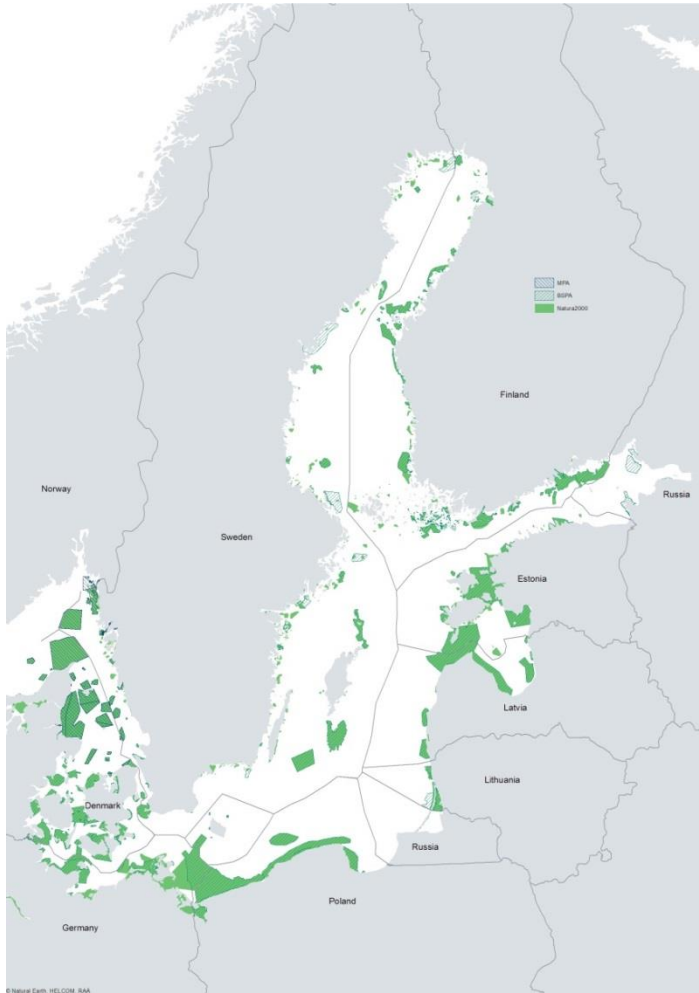
Potential areas for sand extraction



Example of Cross-border issues

Offshore banks



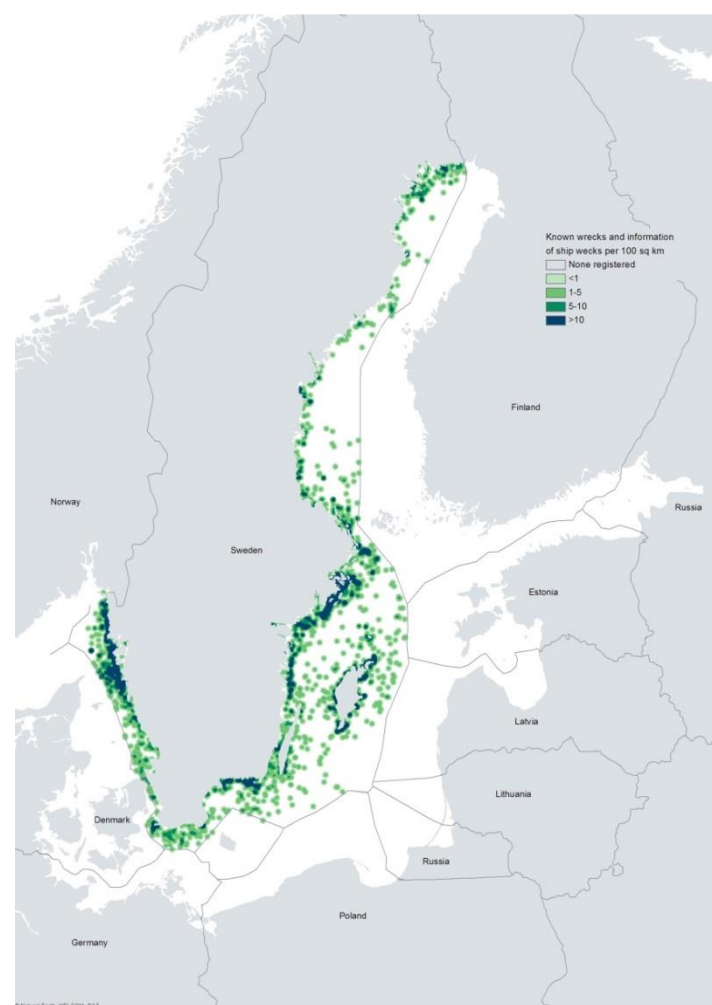


Example of
Cross-border issues

MPA, Natura 2000, BSAP

Example of Cross-border issues

Wrecks in Swedish Waters



The Baltic Sea: a quiet corner of Northern Europe



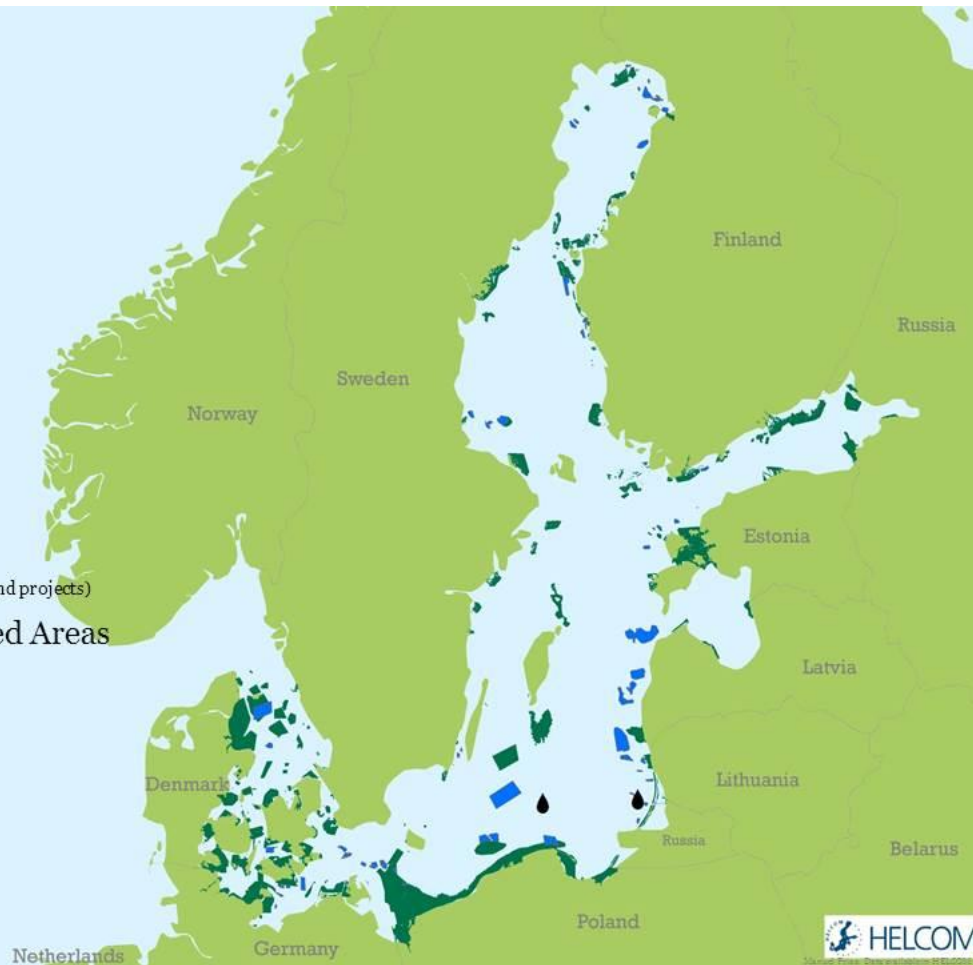
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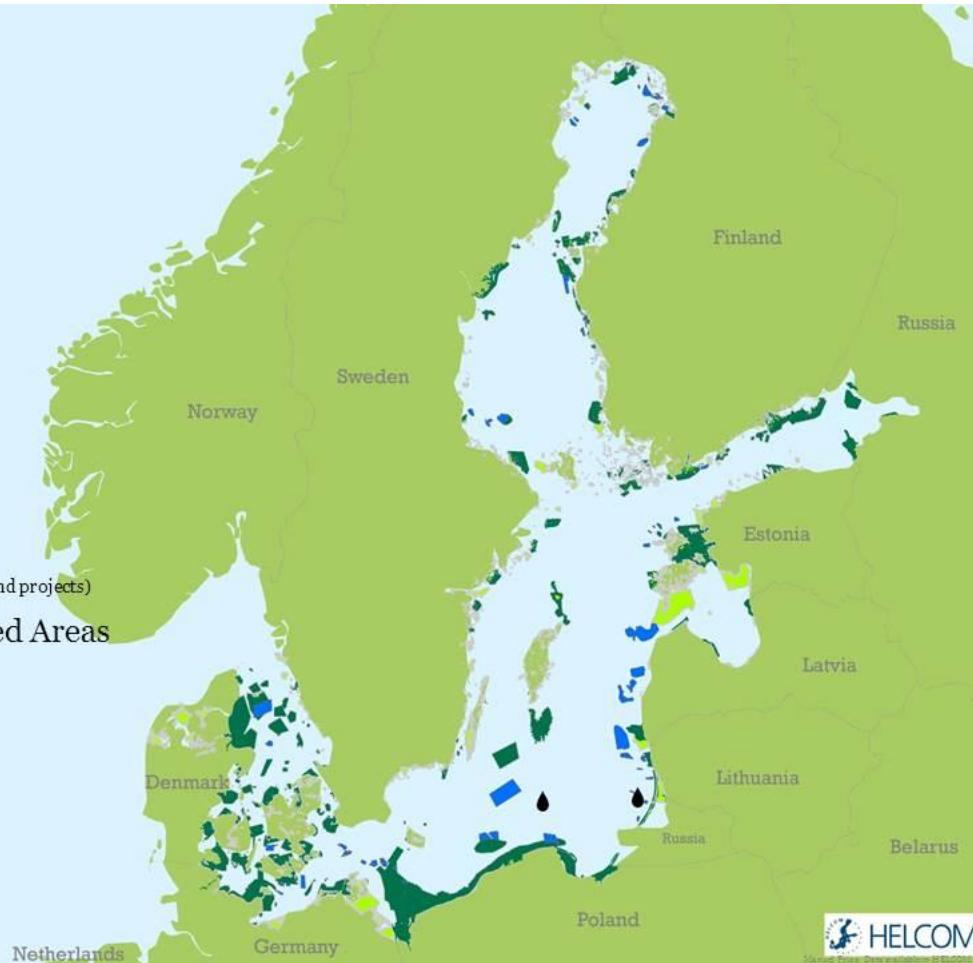
Oil rigs
Wind farms (current and projects)

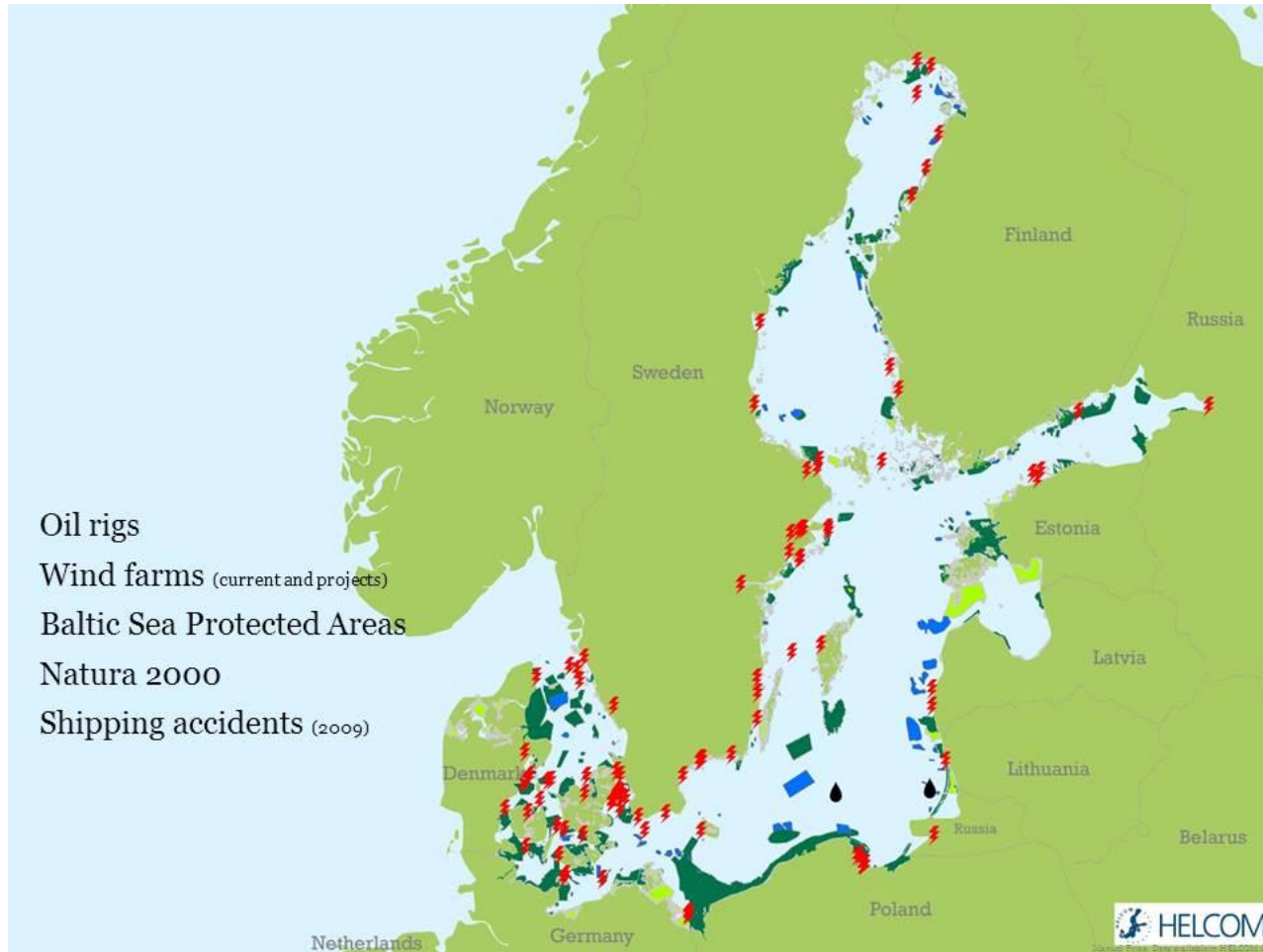


Oil rigs
Wind farms (current and projects)
Baltic Sea Protected Areas

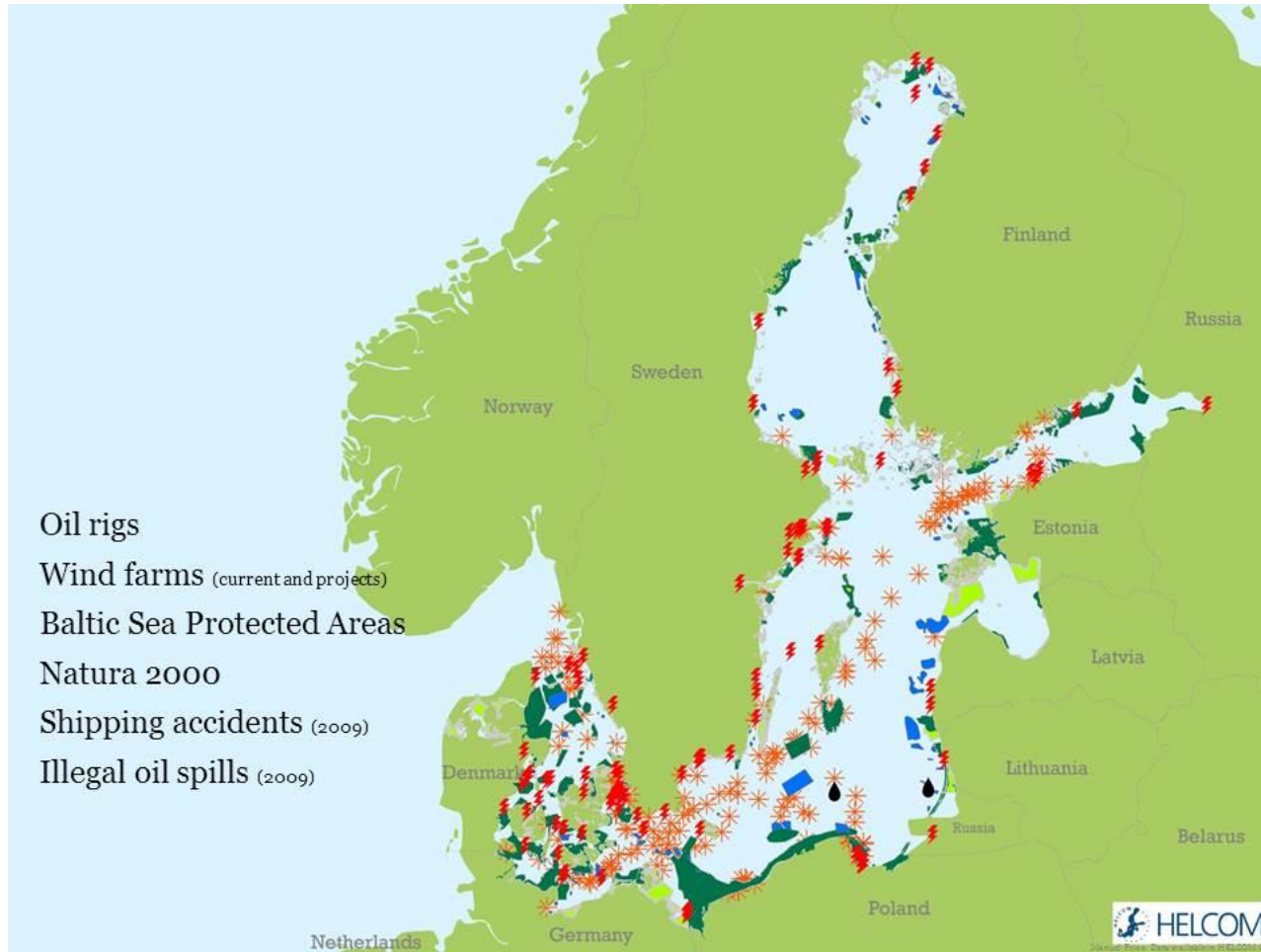


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Natura 2000

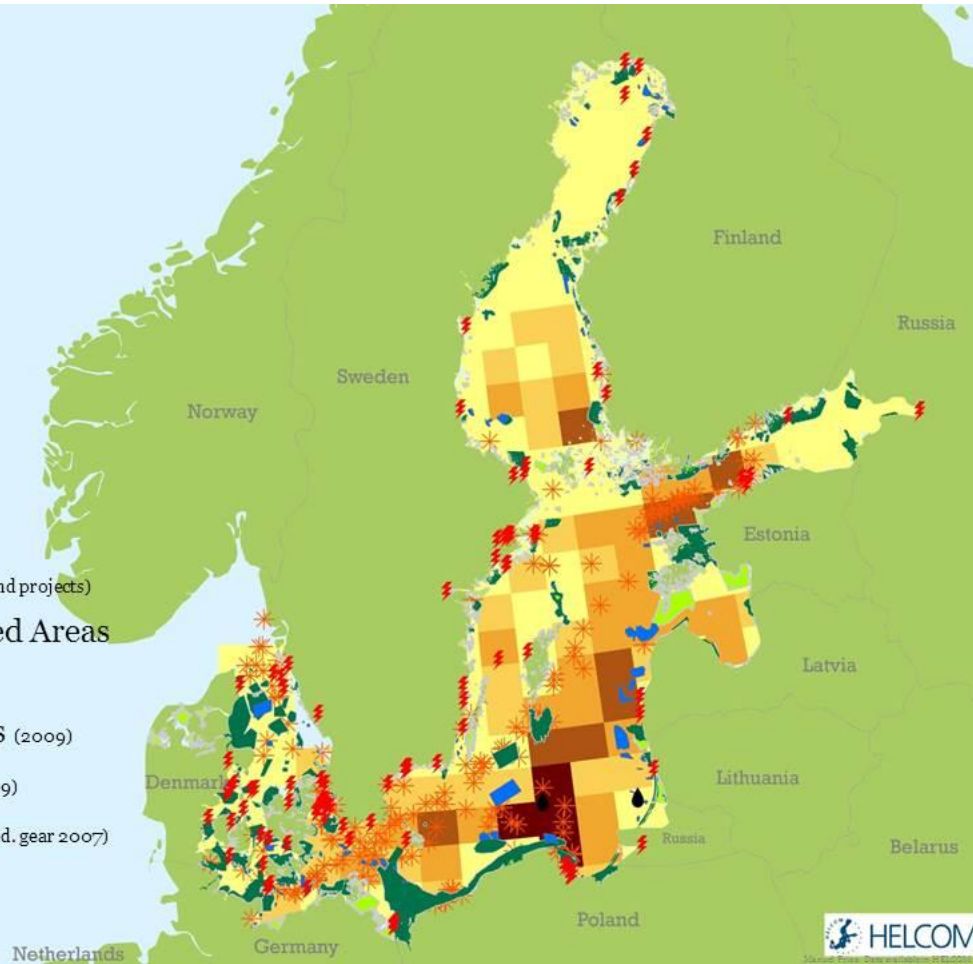




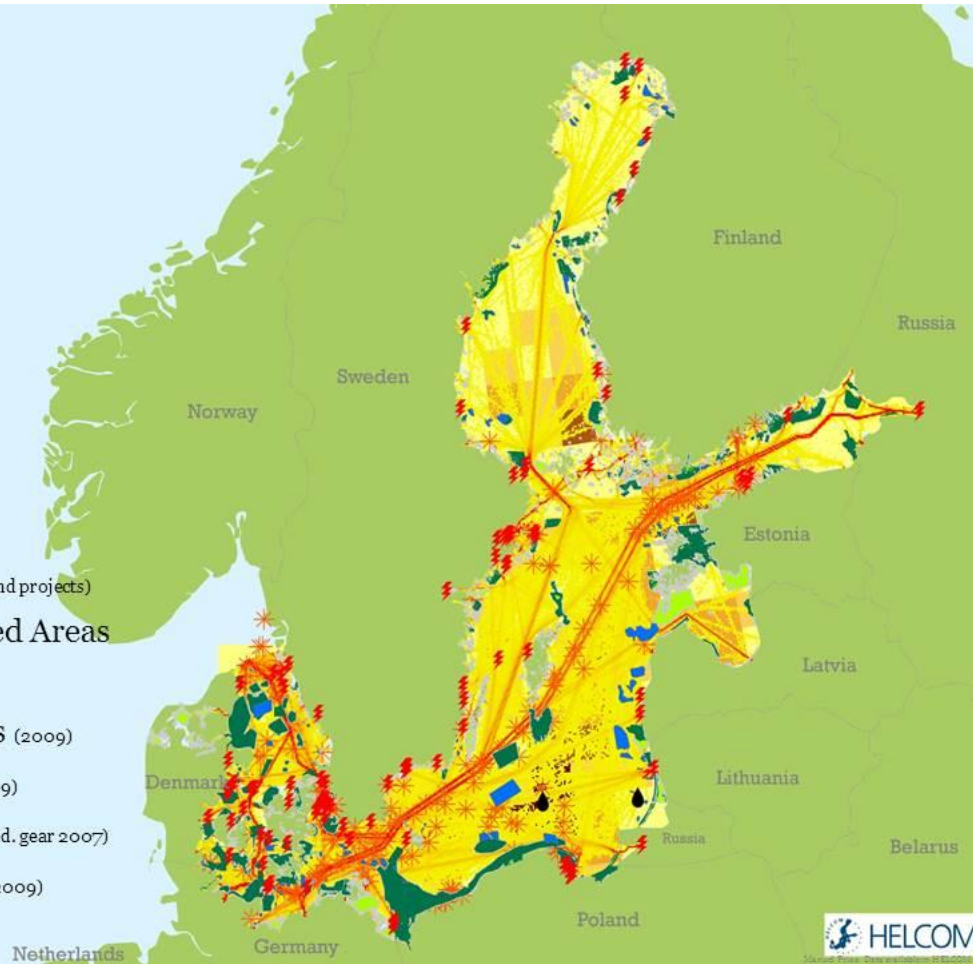
Oil rigs
Wind farms (current and projects)
Baltic Sea Protected Areas
Natura 2000
Shipping accidents (2009)



- Oil rigs
- Wind farms (current and projects)
- Baltic Sea Protected Areas
- Natura 2000
- Shipping accidents (2009)
- Illegal oil spills (2009)
- Fisheries (Surface and mid. gear 2007)



Oil rigs
Wind farms (current and projects)
Baltic Sea Protected Areas
Natura 2000
Shipping accidents (2009)
Illegal oil spills (2009)
Fisheries (Surface and mid. gear 2007)
Shipping density (2009)
and much more...



Not really...

The Baltic Sea is busy
– and getting busier!

Oil rigs

Wind farms (current and projects)

Baltic Sea Protected Areas

Natura 2000

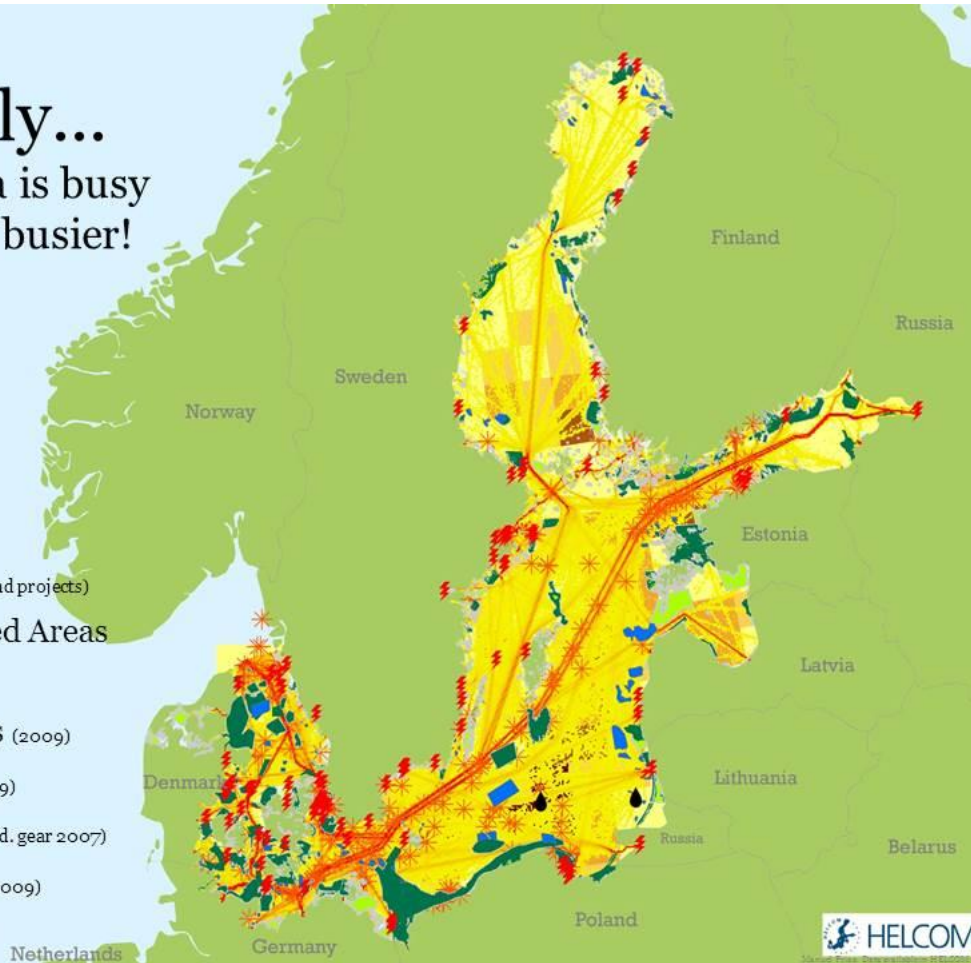
Shipping accidents (2009)

Illegal oil spills (2009)

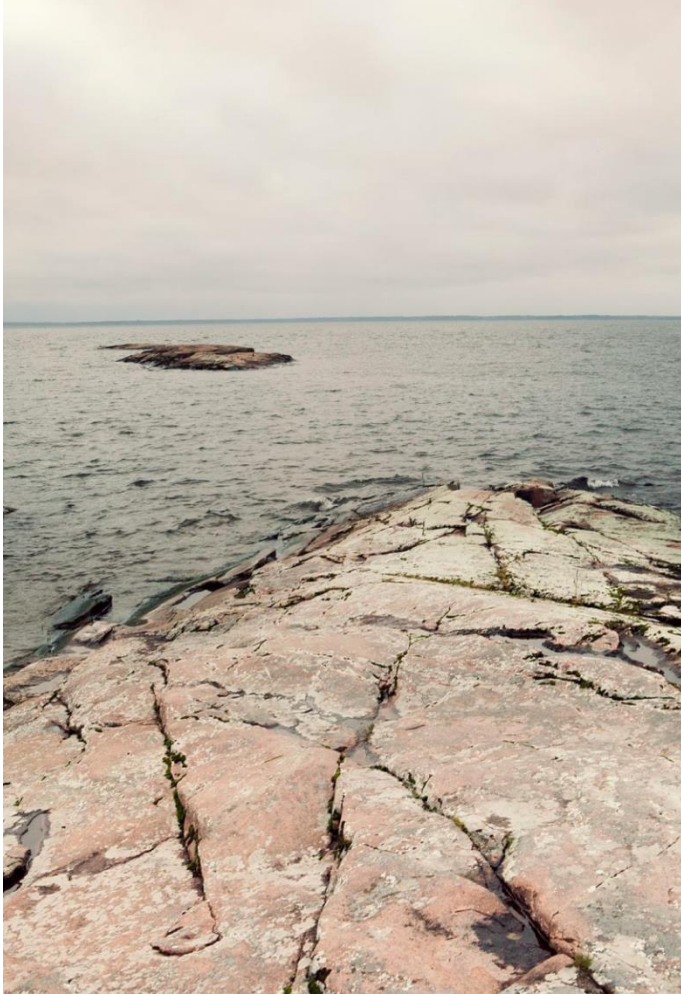
Fisheries (Surface and mid. gear 2007)

Shipping density (2009)

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Thank you

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