

Linking practice with science - benefits for MSP

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Maritime Spatial Planning

- MSP is a practical tasks carried out by national, regional, and local authorities following the principles defined in the MSP Directive
- However,
 - the Member States shall consider economic, social and environmental aspects to **support sustainable development and growth** in the maritime sector – **applying an ecosystem based approach**, and to promote **coexistence of activities and uses**
 - take into account **land-sea interaction**
 - ensure the **involvement of stakeholders**
 - organise the use of **best available data**
 - ensure **transboundary cooperation** between member states

Challenges and needs for research support

- Ecosystem services approach and co-location
 - Requires interdisciplinary expertise and cooperation
- Stakeholder involvement
 - Difficulties maintaining interest during the rather long process
- Transnational cooperation
 - Different governance cultures and national languages
- Data and tools
 - Availability of up-to-date marine data is lacking
 - Development of more targeted tools to analyse the complex interactions between human activities and the environment is needed

Ecosystem based approach

- Holistic approach to spatial planning
- Lack of knowledge and experience with the ES approach among traditional spatial planners
- New research is required to make the ecosystem service approach operational in MSP



CO-LOCATION

ECOSYSTEM SERVICES



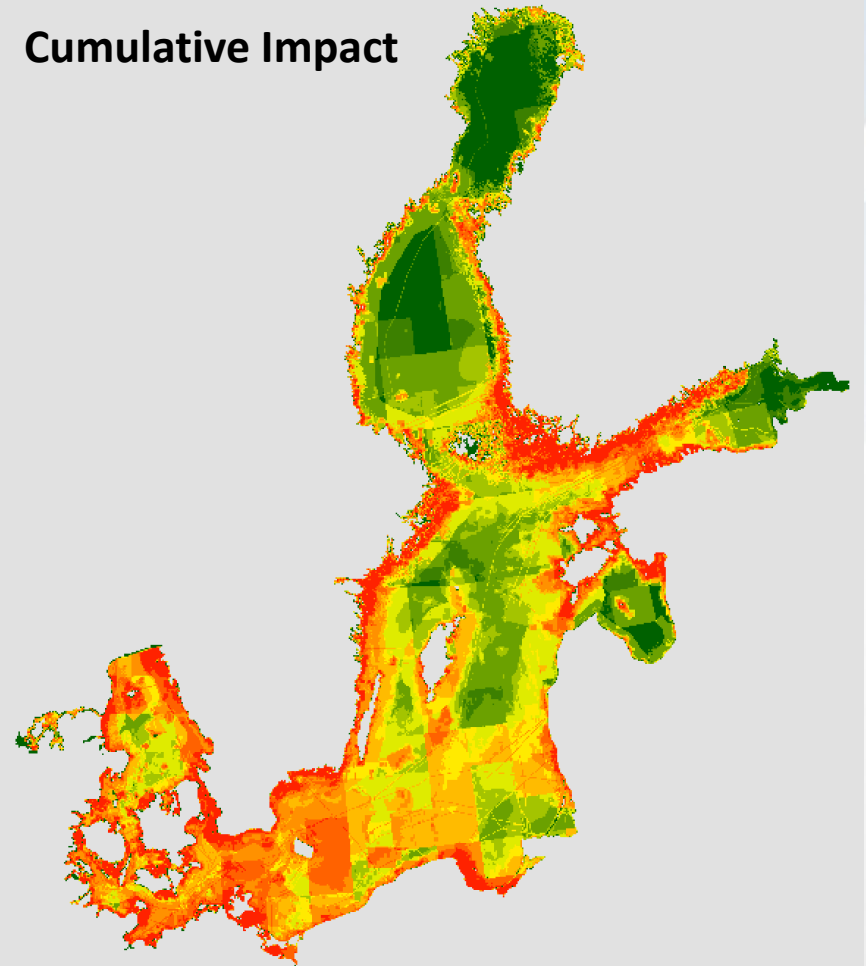
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Baltic Explorer

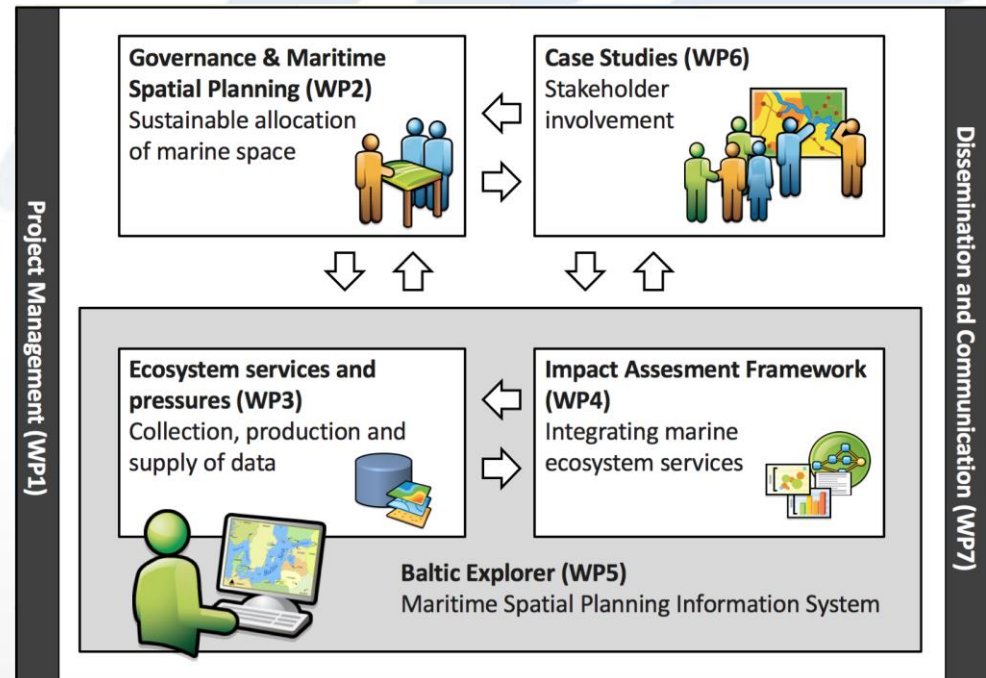
- Open source analysis and visualisation tool aimed for decision making and stakeholder involvement in Maritime Spatial Planning

Cumulative Impact



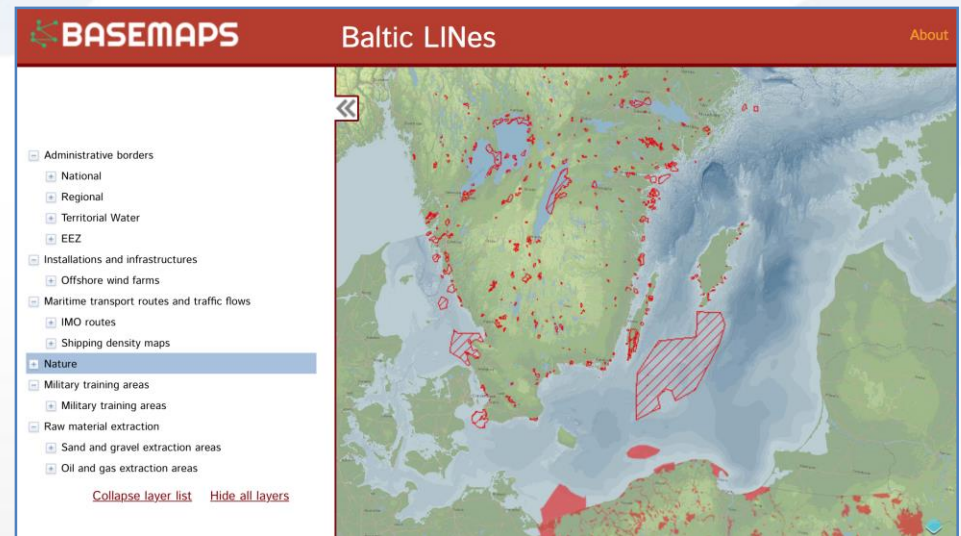


- *The overall objective of the BONUS BASMATI project is to develop:*
- *integrated and innovative solutions for MSP from the local to the Baltic Sea Region scale*
- *through multi-level governance structures*
- *interactive information technology aiming at developing an ecologically and socio-economically sound network of protected marine areas covering the Baltic Sea*



Baltic Lines

- The overall objective of the project is to increase transnational coherence of shipping routes and energy corridors in Maritime Spatial Plans (MSP) in the Baltic Sea Region (BSR)
- Linear structures are generally transnational by nature
- Setting up an up-to-date data infrastructure for linear liner structures is a particular topic
- EUSBSR Flagship project



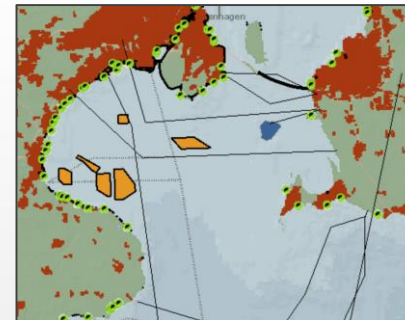
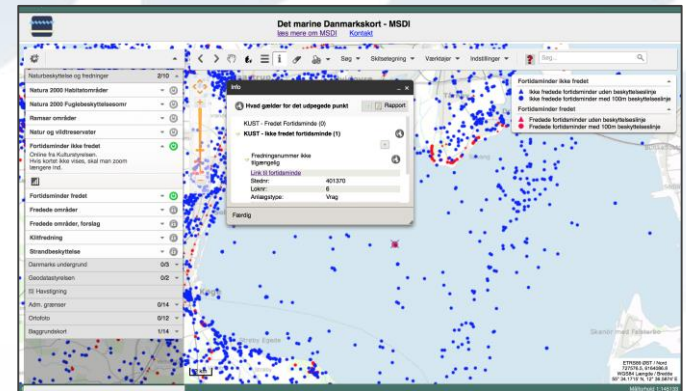
Baltic Sea Region Integrated Maritime Cultural Heritage Management



Management of marine cultural heritage interests in the maritime spatial planning processes

Collaboration concerning criteria and prioritisations

Case studies on mappings of available data, terminology, management based on an ecosystem bases approach, etc



THANK YOU FOR YOUR ATTENTION

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