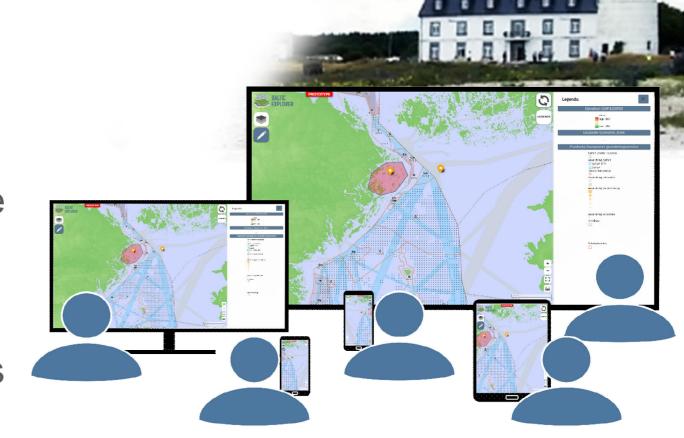


## BONUS BASMATI

**Baltic Sea Maritime Spatial Planning** for Sustainable Ecosystem Services

Integrated and innovative solutions for Maritime Spatial Planning (MSP) from local to Baltic Sea scale bonusbasmati.eu

BONUS BASMATI is developing and testing **Baltic Explorer**, an interactive web-map application for facilitating discussions and negotiations in MSP. It enables **collaborative** capture, visualization, exploration and analysis of marine spatial data available in the Baltic Sea region. Its intuitive interface adapts to a **variety of devices** from smartphones to large multi-touch displays. The Baltic Explorer utilizes open source web technologies. The Baltic Explorer prototype is published at **balticexplorer.eu**, and continuously developed in user tests.



The MSP governance structures, especially stakeholder integration and cross-border planning, are studied to build a conceptual framework for understanding and analyzing conflicts and synergies between stakeholder groups.

The project reviews how frameworks, scenarios, and tools, such as the Baltic Explorer, facilitate the involvement of stakeholders at different stages of the MSP process.

The project promotes data availability, **Ecosystem Services** based on the and pressures identification of current data gaps, Collection, production and supply of data stakeholder requirements, and the ecosystem service framework. Emphasis is put on defining data standards/ minimum requirements for MSP, and producing and acquiring data on ecosystem services, as well as on anthropogenic pressures. The data produced in the case studies are published, and utilized in e.g. the Baltic Explorer.

Governance & Maritime Spatial Planning

Sustainable allocation of marine space

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Stakeholder involvement

MSP is studied on the practical level at various spatial scales in three case studies. The case studies examine economic development and protection of marine habitats, focusing on aquaculture (SW Baltic), marine protected areas (Latvia), and business perceptions

(pan-Baltic). The case studies support ecosystem service concept integration in MSP, and functionality of stakeholder involvement in Baltic Explorer.

**>** 

Case Studies

Impact Assesment Framework

Integrating Marine Ecosystem Services

**Baltic Explorer** 

**(>>**)

Maritime Spatial Planning Information System sustainability
assessment of MSP
scenarios was
developed. It combines
the DPSIR model with
ecosystem service cascade
frameworks, allowing the
comparison of benefits and

A framework for

beneficiaries between a baseline and a scenario. The framework is tested in local contexts as a tool assisting the conceptualization of planning issues, and it it can be assisted by the Baltic Explorer visualization tools.

















