

Pan Baltic Scope economic and social analyses workshop

Organized by activity lead HELCOM

Meeting time and place: Thursday 13 December 2018 at 10:00-16:30, HELCOM Secretariat, Helsinki, Finland

Preface

The purpose of the Pan Baltic Scope Workshop on economic and social analyses (ESA) in maritime spatial planning (MSP) was to consider existing knowledge regarding ESA applied in MSP at the Baltic Sea regional scale, and evaluate how remaining knowledge gaps could be filled. The Workshop discussed the existing literature and national approaches for ESA in MSP, based on the information collated and approaches under development within the Pan Baltic Scope project. A major aim was to share experiences of ESA utilized under BSAP/MSFD with relevance to MSP. The information and discussion from the Workshop are used in the Pan Baltic Scope project to establish a shared basis for further work on inclusion of ESA in MSP in the HELCOM region.

HELCOM is the lead partner for work package 1.2.5, Economic and Social Analyses, in this project that is co-funded by the European Maritime and Fisheries Fund of the European Union, and further information about the overall project can be found here: <http://www.panbalticscope.eu/> and <http://www.helcom.fi/helcom-at-work/projects/panbaltic-scope>. The Workshop will be chaired by Ms. Maija Holma.

This document contains the aims and outcome of the Workshop. Agenda and participant list are found in Annex 1 and 2.

Aims of the Workshop

The Workshop shared information on the national and regional practices of assessing economic, social and cultural impacts in MSP and the economic and social analyses utilized under HELCOM BSAP and EU MSFD with relevance to MSP. The Workshop presented information on economic and social analyses in the Pan Baltic Scope project and other ongoing MSP projects, Plan4Blue and BONUS BASMATI. The Workshop discussed the development of economic and social analyses for MSP and provided feedback to further develop the work on economic and social analyses in the Pan Baltic Scope project. The Workshop planned for activities related to economic and social analyses in 2019.

Outcome

The Agenda of the Workshop is contained in Annex 1.

The Workshop was attended by experts and management representatives from ministries, national and regional organizations and European Commission, as well as Pan Baltic Scope project participants. The list of Workshop Participants is contained in Annex 2.

The Workshop was chaired by Maija Holma, HELCOM Secretariat. Heini Ahtiainen acted as secretary.

Opening of the Workshop

1. The Chair opened the Workshop, recalled the agenda of the day (Annex 1) and reminded about the aims of the Workshop.
2. Owen Rowe, HELCOM Secretariat, welcomed the participants to the Workshop.
3. Round table of participants (Annex 2).

Case study presentations on economic and social analyses for the MSFD and tools in MSP

Presentation 2: Could economic analyses be the common denominator in the implementation of ecosystem approach in the MSFD and MSP in the Baltic Sea region?

Presenter: Soile Oinonen, Finnish Environment Institute

4. Soile Oinonen, presented information about the ecosystem based approach and its links to the MSFD and MSP, as well as the economic and social analyses for HELCOM State of the Baltic Sea report and the Finnish reporting for the MSFD. Ecosystem accounting could provide for a common framework to combine different topics related to the marine environment, including ecosystem services, economic and social analyses, cumulative impacts and marine spatial planning.

Presentation 3: Economic analyses in Plan4Blue project

Presenter: Riku Varjopuro, Finnish Environment Institute/HELCOM Secretariat

5. Riku Varjopuro introduced the economic analyses in the [Plan4Blue](#) project. The project has produced maps on blue economy. Work task on the input-output modelling of maritime industries in Estonia and Finland has presented information on economic profiles for each blue sector, indicators of the size of the blue economy sectors and share of the blue economy of the economy at the regional level. The work enabled identifying best and worst performing sectors. The publications are available on the [project website](#).

6. The Workshop took note of the presentation and discussed the challenge of appropriately separating sea-based activities from land-based. The issue is often the type and quality of data available on marine activities and sectors.

Presentation 4: Bonus BASMATI-project: Prototyping Baltic Explorer - yet another GIS tool for MSP?

Presenter: Juha Oksanen, National Land Survey of Finland

7. Juha Oksanen presented the [BONUS BASMATI](#) project, focusing on the Baltic Explorer, a map application that provides spatial decision support for MSP scenarios in the Baltic Sea. The application is now in a prototype phase, and will be up-and-running in the next 1.5 years. The project aims to develop integrated and innovative solutions for MSP in the Baltic Sea Region (BSR) scale. Within the project, computational optimization of the cumulative impacts assessment tool is conducted.
8. The Workshop took note of the presentation and discussed the inclusion of ecosystem services in the Baltic Explorer and the need for analytical tools for ecosystem services, and the type of data included in the Baltic Explorer.

Economic and social analyses in MSP within Pan Baltic Scope

Presentation 5: Review and questionnaire on economic, social and cultural impacts and existing models in national maritime spatial planning (MSP) in the Baltic Sea region including ecosystem services

Presenter: Maija Holma, HELCOM Secretariat

9. Maija Holma presented the literature review on the economic, social and cultural impacts and existing models in national maritime spatial planning (MSP) in the Baltic Sea region, done within the Pan Baltic Scope project. The aim has been to support the preparation of recommendations on economic and social analyses for the MSP. Information has been gathered on the methods and tools for assessing economic, and socio-cultural impact in MSP. Information has also been collected on current practices of applying economic and social analyses in MSP in the Baltic Sea Region using a survey, including the approaches and tools that have been used.
10. The Workshop took note of the information and discussed the possibilities to obtain additional responses to the survey on current practices and the comparison of approaches across countries.
11. Additional topics that could be added in the literature review include information on valuation techniques, and a Latvian case study using cost-benefit analysis for analyzing conflicts in MSP.

12. Comments on the literature review ([Document 3](#)) can be sent via email to Heini Ahtiainen (heini.ahtiainen@helcom.fi) by 15 January 2018. Suggestions on additional studies that could be included in the literature review are very welcome.

Presentation 6: Estonian economic model – how much does the marine space cost?

Presenter: Triin Lepland and Jaan Urb, Estonian Ministry of Finance

13. Triin Lepland presented the Estonian economic model for the Estonian territorial water and EEZ developed in the Pan Baltic Scope project. The current version of the model includes four activities/sectors: energy, fishing, transport and aquaculture. The tools in the model are a cumulative impact online tool and an economic tool. The aim is to develop the model further to include selected ecosystem services and their monetary values.
14. The Workshop took note of the information and discussed the assessment and valuation of recreation as an ecosystem service, assessing the number of recreation visits required to value recreation, spatially mapping recreation activities, and distinguishing between the supply and demand for recreation.
15. There are studies available on the value and location of Baltic Sea recreation visits that could provide useful information for developing the model.
16. In the [SPICE](#) project, ecosystem services were linked to ecosystem components with a Swedish case study, and there is ongoing work in Sweden to develop the Symphony tool and thereto linking ecosystem services and further linking the supply and values of cultural ecosystem services.
17. The [BalticRIM](#) project on cultural heritage may be useful in assessing supply and spatial distribution of cultural ecosystem services.
18. Studies on the location and value of Baltic Sea recreational visits and other relevant information that could be used to develop the model can be sent to Triin Lepland (triin.lepland@fin.ee), by 15 January 2018.

Presentation 7: Filling and bridging the gap? Combining and linking territorial monitoring and land-based spatial data to the sea.

Presenter: Michael Kull and Eeva Turunen, Nordregio

19. Michael Kull and Eeva Turunen presented information on work on the territorial monitoring (TeMo) in the Baltic Sea region as part of the Pan Baltic Scope project. The aim of territorial monitoring is to support the implementation of BSR and EU policies by producing maps based on indicators that include e.g. economic performance and competitiveness, accessibility and quality of life. Nordregio is also conducting work on land-sea interaction, with a

data inventory table as the planned output. The mapping tools are available on the [Nordregio website](#).

20. The Workshop took note of the information and discussed how to link territorial and maritime data to assess land-sea interaction and the relevant planning issues.
21. The Workshop took note of the possibility of linking the land-based data presented in territorial monitoring and the HELCOM data on marine environment and human activities and pressures via collaboration between HELCOM and Nordregio.

Discussion and the outcome of the Workshop

22. Work currently ongoing in the Pan Baltic Scope project includes finalizing the literature review, analysing the results of the information collection, initiating the development of the Estonian economic model and continuing the territorial monitoring and land-sea interaction work. The deliverable on the recommendations for using economic and social analysis in MSP will be initiated in January 2019.
23. Upcoming meetings
 - a. Territorial monitoring task will be presented in FI-AX-SE case meeting in Åland on 31 January 2019
 - b. Online meeting with Pan Baltic Scope BLUES group 8 February 2019 (initial ideas and concepts)
 - c. Small online working meeting 27 February at 13:00 Finnish time
 - d. Online meeting with Pan Baltic Scope BLUES group 5 March 2019 (case studies)
 - e. BLUES meeting September 2019 in Helsinki
24. General discussion on plans for 2019
 - a. Assess possibilities to contribute to the joint project-level case study by providing ESA-related information
 - b. Coordination of ecosystem services assessments within the project will be started by Soile Oinonen and Lena Bergström
 - c. Recommendations on ESA in MSP: The work could benefit from input from the BLUES group in the Pan Baltic Scope project. Recommendations could be useful for future MSP planning cycles. Connection points e.g. with strategic environmental assessment (SEA) and cumulative impacts, and other themes in the project, steps towards more comprehensive social analyses. Draft recommendations available to BLUES groups, connection points to other WPs.

- d. Each country has their own specific questions that need to be first specified and then answered via the economic and social analyses in MSP, and the recommendations could give input for choosing the best possible approach to including economic and social analyses in the national MSP. Criteria for a useful approach could be set out. The experiences of conducting regional economic and social analyses in the Baltic Sea Region is an example of cross-border collaboration that could be built upon in MSP.

Annex 1: Agenda

Thursday 13 December	
10:00	Opening and welcome (<i>coffee available</i>)
10:15	Aims of the workshop
10:30	<p>Case study presentations on economic and social analyses for the MSFD and tools in MSP</p> <ul style="list-style-type: none"> • Could economic analyses be the common denominator in the implementation of ecosystem approach in the MSFD and MSP in the Baltic Sea region? Soile Oinonen, Finnish Environment Institute • Economic analyses in Plan4Blue project. Riku Varjopuro, Finnish Environment Institute • Bonus BASMATI-project: Prototyping Baltic Explorer - yet another GIS tool for MSP? Juha Oksanen, National Land Survey of Finland
12:00 – 13:00	<i>Lunch break</i>
13:00	<p>Economic and social analyses in MSP within Pan Baltic Scope</p> <ul style="list-style-type: none"> • Review and questionnaire on economic, social and cultural impacts and existing models in national maritime spatial planning (MSP) in the Baltic Sea region including ecosystem services. Maija Holma, HELCOM • Estonian economic model – how much does the marine space cost. Triin Lepland and Jaan Urb, Ministry of Finance, Estonia • Filling and bridging the gap? Combining and linking territorial monitoring and land-based spatial data to the sea. Søren Qvist Eliassen, Nordregio
14:30 – 15:00	<i>Stretching and coffee break</i>
15:00	<p>Discussion and the outcome of the workshop</p> <ul style="list-style-type: none"> • Plan for year 2019 • Drafting the outcome of the workshop
16:30	End of the Workshop

Annex 2: Participant list

Name	Organisation	Participating
Alessandro Pititto	Cogea	Online
Andrei Lappo	Scientific and Research Institute of Maritime Spatial Planning Ermak NorthWest	Physically
Anna Soirinsuo	WWF Finland	Physically
David Sanmiguel	The Executive Agency for Small and Medium-sized Enterprises (EASME)	Online
Elin Cedergren	Nordregio	Online
Heini Ahtiainen	HELCOM	Physically
Jaan Urb	Estonian Ministry of Finance	Physically
Juan Jose Ronco Zapatero	EU COMMISSION DG MARE	Online
Juha Oksanen	National Land Survey of Finland	Physically
Kristine Pakalniete	AKTiiVS Ltd.	Physically
Larisa Danilova	Scientific and Research Institute of Maritime Spatial Planning Ermak NorthWest	Physically
Maija Holma	HELCOM	Physically
Marie Hallberg	Swedish Agency for Marine and Water Management	Physically
Max Vretborn	Swedish Agency for Marine and Water Management	Physically
Mette Vesterskov	Danish Maritime Authority	Physically
Michael Kull	NORDREGIO (Pan Baltic Scope partner)	Online
Monika Stankiewicz	HELCOM Secretariat	Physically
Olof Widén	European Community Shipowners Association	Physically
Owen Rowe	HELCOM Secretariat	Physically
Riku Varjopuro	HELCOM secretariat	Physically
Søren Eliassen	Nordregio	Online
Soile Oinonen	Finnish Environment Institute	Physically
Triin Lepland	Estonian Ministry of Finance	Physically