

4-2 Roadmap for continued HELCOM work on economic and social analyses (ESA)



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Action requested

The Meeting is invited to

- consider and agree on the roadmap for HELCOM ESA work, agree to strengthen the network of ESA experts and if so, develop ToR for the network; and
- invite Contracting Parties that have not yet done so to nominate experts to the ESA network.

Background and contents

Regional economic and social analyses (ESA)

- Comparable data and approaches across countries
- Supporting national work
- Work thus far, TAPAS project, 2016
- Supporting HOLAS II, 2017-2018
- Further economic and social analyses, 2018 =>

Work on economic and social analyses thus far (2016)

- Framework for regional economic and social analyses in the Baltic Sea region (TAPAS project)
 - Use of marine waters
 - Cost of degradation
- HELCOM economic and social analyses network established



Use of marine waters

- Economic importance of human activities and sectors in the marine environment
- Linked to activity-pressure assessment
- Statistics and ecosystem service values
- Sectors: fish and shellfish harvesting, aquaculture, tourism and recreation, energy production and transport
- National estimates
- Examples for Finland and Estonia

Cost of degradation

- Consequences to human well-being from the degradation of the marine environment
- Economic valuation studies
- Selected degradation themes and ecosystem services
- National and regional estimates
- Example for eutrophication

Roadmap for further economic and social analyses: Supporting HOLAS II

| Economic and social analysis | By the end of 2016 (TAPAS project) | First HOLAS II by mid-2017 (Part time project researcher in the Secretariat and [SPICE project proposal]) | Updated HOLAS II by mid-2018 ([SPICE project proposal]) |
|------------------------------|--|--|--|
| | Conceptual framework | Regional data | Updates, additions |
| Use of marine waters | Examples using marine water accounting approach | Regional scaling of data for few selected sectors and applying the results in the HOLAS II report | Updating data and covering additional activities of importance |
| Cost of degradation | Example analysis (eutrophication) for all contracting parties using stated preference and benefit transfer methods | Regional scale data on few additional selected descriptors/ themes and applying all the results in the HOLAS II report | Updating data and covering additional descriptors/themes |

Roadmap for further economic and social analyses: additional actions to support HOLAS II

- 1. Develop and agree on common principles for the regional ESA**
- 2. Work with the statistical agencies to provide data in standard format**
- 3. Develop a common understanding on baseline**
- 4. Establish team with pressure-impact researchers and ESA network**
- 5. Engage with different BONUS projects**

Roadmap for further economic and social analyses: additional activities

- 6. Investigate the possibilities to conduct regionally coordinated valuation studies (2018 =>)**
- 7. Conduct cost-effectiveness analysis of measures to improve the marine environment (2018 =>)**
- 8. Conduct cost-benefit analysis for selected descriptors/themes (2020 =>)**

Arrangement for economic and social analyses

- TAPAS project in 2016
- SPICE project application for 2017
- Other resources?
- Nominated country representatives in the ESA network
- Strengthening the ESA expert network

Thank you!



Name
Surname



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