



Document title	Roadmap of HELCOM activities on ecosystem approach
Code	2-4
Category	DEC
Agenda Item	2 - 2018 HELCOM Ministerial Meeting
Submission date	06.02.2018
Submitted by	Executive Secretary
Reference	

Background

HELCOM 38-2017 endorsed the updated Roadmap of HELCOM activities on ecosystem approach and noted it is a living document which will be updated in the future as might be needed.

The Roadmap has been updated based on the progress of work and new decisions. Also HELCOM commitments for UN Ocean Conference on SDG 14 have been reflected.

The Roadmap is presented in the same format with a new title “Roadmap of HELCOM activities on ecosystem approach - Implementation Outlook of the Ocean and Water related SDGs and targets”. A list ocean and water related SDGs and targets has been added.

The aim of the Roadmap is to inform on planned and ongoing major activities of HELCOM in an overview form and to track the progress via regular updates of the document. The Roadmap also indicates resource needs.

The plan is to make a major update of the Roadmap to encompass perspective beyond 2021 based on the outcome of the Brussels Ministerial Meeting and present a renewed Roadmap at HELCOM HOD 54-2018.

The following updates have been made (minor fine-tuning not indicated):

Accomplished actions:

- Review of HELCOM Recommendation 19/3 on monitoring; the updated Recommendation proposed for adoption at this meeting
- Upgrade of HELCOM Map and Data Service “MADS”
- Thematic assessment on radioactivity (2011-2015)
- Maritime assessment
- Develop HELCOM recommendation on sustainable handling of sewage sludge.

Extended timelines for: Activities 1, 8, 9, 10, 22, 24, 27, 32, 39, 44.

New resource allocation

- EU co-funded COMPLETE project), activity no. 7
- A new HELCOM project established for activity no. 19
- EU co-funded MANURE STANDARDS project, activity no. 26
- EU co-funded RE-TROUT project, activity No. 31.
- EU co-funded Pan Baltic Scope project, activities no. 4, 22 and 29.

Removed:

- “Review of eutrophication threshold values every 6 years” removed, and instead, “review” added to further development of core indicators (No. 8)
- “A tool to assess impact of fisheries” removed from no. 10 (BalticBoost tool finalized)
- “Further develop and use HOLAS II tools for MSP (e.g. cumulative impacts)” integrated into No. 29
“Environmental protection in MSP (MPAs, “green infrastructure/blue corridors”/EBSA).

New actions: Activities No 21 and 35.

Action requested

The Meeting is invited to consider and endorse the updated content of the current Roadmap and provide suggestions for changes to the format and presentation of the renewed Roadmap.

Roadmap of HELCOM activities on ecosystem approach

Implementation Outlook for the Ocean and Water related SDGs and targets

Version February 2018

- Agreed and resources allocation secured
- Agreed and resources partly secured
- Agreed but no resources allocated yet
- * Specific activity in workplan of HELCOM EU chairmanship
- ** HELCOM commitment at UN Ocean Conference on SDG 14

MONITORING

- | | | |
|---|---------------------|--|
| 1. Review and revision monitoring guidelines | In cooperation with | |
| 2. Illegal spills, accidents and traffic monitoring | Bonn Agreement | |

STREAMLINED DATA MANAGEMENT

- | | | |
|---|-----------------|--|
| 3. Operationalization of core indicators | | |
| 4. Better access to human activities & pressures data in MSP, HOLAS II (BalticLInes / Pan Baltic Scope) | EMODNET, EUSBSR | |
| 5. Streamline arrangements for ICES advice on fishing activities* | ICES, OSPAR, EU | |
| 6. Online decision support tool and port survey database for ballast water (COMPLETE project) | OSPAR | |

INDICATORS AND TARGETS

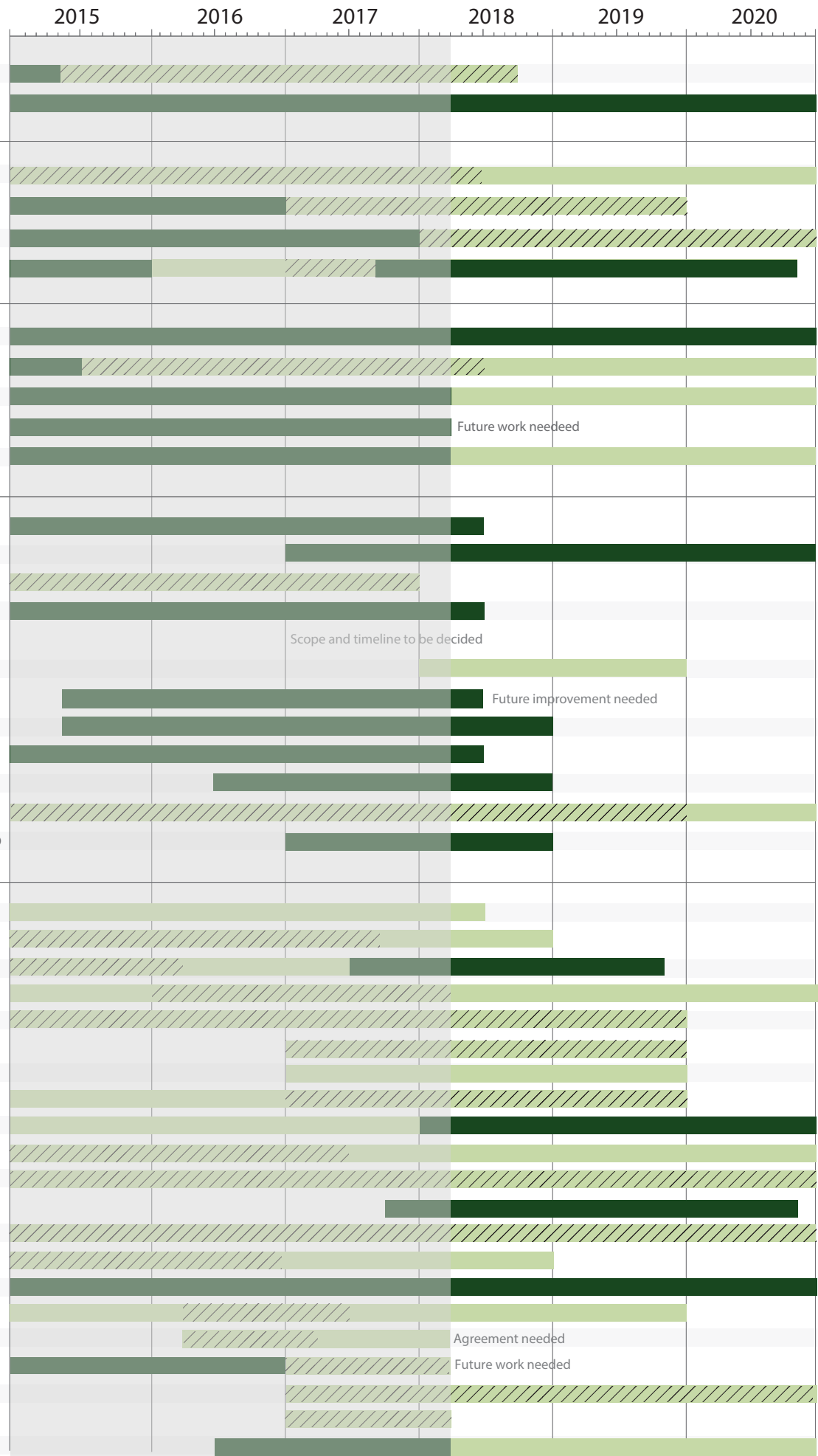
- | | | |
|--|---------------------|--------------------|
| 7. Baltic Sea Environmental Fact Sheets | | |
| 8. Further development and review of core indicators and threshold values | OSPAR, EUSBSR, UNEP | |
| 9. Joint principles for env. targets for underwater noise | EUTG Noise | |
| 10. Joint principles for env. targets for sea floor integrity* | ICES, OSPAR | Future work needed |
| 11. Further development of the follow-up system for HELCOM nutrient reduction scheme | | |

ASSESSMENTS

- | | | |
|---|---------------------------------|----------------------------------|
| 12. Pollution Load Compilation 6 (PLC 6)* | | |
| 13. Pollution Load Compilation 7 (PLC 7)* | | |
| 14. Assessment of submerged hazardous objects (SUBMERGED) | | |
| 15. Assessment of coastal fish status (FISH-PRO II) | | |
| 16. Assessments of the risk of extinction of species and biotopes (RED LIST) | | Scope and timeline to be decided |
| 17. Assessment of climate change | Baltic Earth | |
| 18. Operationalization of a biodiversity assessment system* | | Future improvement needed |
| 19. Operationalization of a hazardous substances assessment system* | ICES | |
| 20. Holistic Assessment (HOLAS II)* | OSPAR | |
| 21. Identify ecologically or biologically significant marine areas (EBSA) | CBD | |
| 22. Implementation of roadmap on social and economic analysis (Pan Baltic Scope, Expert Network)* | | |
| 23. Development of a new regional risk assessment for ships (OPENRISK)* | REMPEC, Bonn Agreement, DG ECHO | |

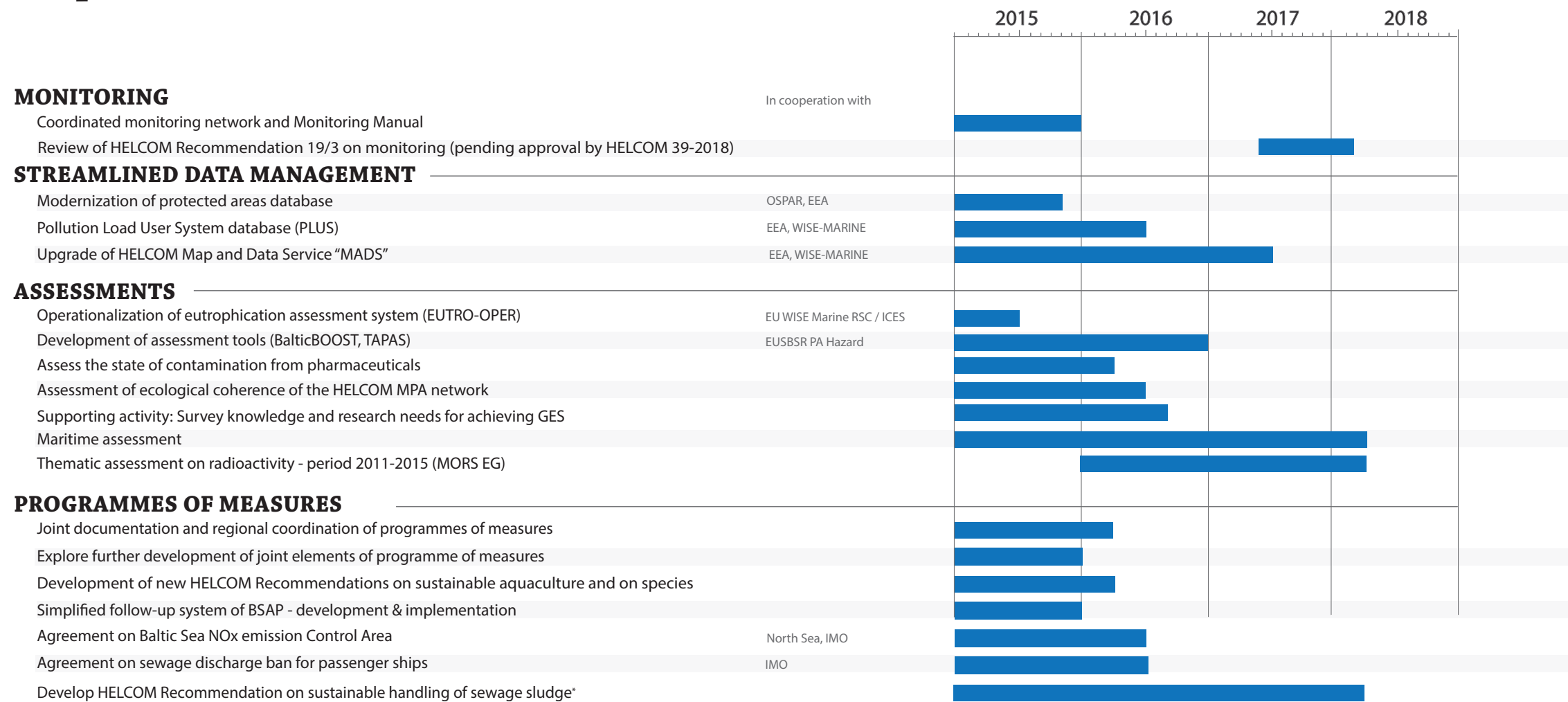
PROGRAMMES OF MEASURES

- | | | |
|--|----------------------------|--------------------|
| 24. Revision of part II of Annex III of the Helsinki Convention | | |
| 25. Introduction of annual nutrient accounting at farm level | | |
| 26. Regional guidance/recommendation on manure nutrient content (MANURE STANDARDS)* | | |
| 27. Develop HELCOM nutrient recycling strategy* | | |
| 28. Implementation of Regional Maritime Spatial Planning roadmap (HELCOM-VASAB MSP WG) | HA Spatial Planning EUSBSR | |
| 29. Environmental protection in MSP (MPAs, "green infrastructure"/"blue corridors"/EBSA) (Pan Baltic Scope)* | CBD | |
| 30. Increasing effectiveness of HELCOM MPAs* | | |
| 31. Common practices and restoration activities for Baltic salmon, sea trout and eel (Retrout) | ICES | |
| 32. Evaluation of impacts of recreational fisheries (FISH-PRO II) | ICES | |
| 33. Regional Action Plan for Marine Litter - implementation & developing measures* | OSPAR / RSCs | |
| 34. Regional work on IMO Ballast Water Management Convention in new Action Plan | OSPAR, IMO | |
| 35. Address risks by alien species via biofouling (COMPLETE) | GEF/UNDP/ IMO Glofouling | |
| 36. Improving implementation of MARPOL Annex IV & V (sewage & garbage)* | IMO | |
| 37. Revising Response Manual Vol II (possible project) | REMPEC, Bonn Agreement | |
| 38. Enhancing the use of green technologies and alternative fuels for ships e.g. NECA (Green Team)* | Zero Vision Tool | |
| 39. Implement HELCOM Recommendation 37/2 on species | | |
| 40. Develop a new HELCOM Recommendation on biotopes, habitats | | Agreement needed |
| 41. Implement roadmap towards a regional action plan on underwater noise (2015-2017) | OSPAR | Future work needed |
| 42. Cooperation to advance innovative solutions for GES* | BONUS, EUSBSR | |
| 43. New regional partnership in fisheries & aquaculture | Baltfish, BSAC | |
| 44. Regional work & follow up on UN SDGs including strengthen of BSAP & cooperation via UN Regional Seas Programme** | RSCs, CBSS | |



Roadmap of HELCOM activities on ecosystem approach

Accomplished activities



Ocean and Water related SDGs and targets relevant for HELCOM

SDG targets / HELCOM activities

SDG 14 Conserve and sustainably use the oceans, seas and marine resources for sustainable development / Activities: 1, 3, 7, 8, 01

14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution / Activities: 2, 11, 12, 13, 14, 19, 23, 24, 25, 26, 27, 33, 34, 36, 37, 38

14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans / Activities: 4, 6, 9, 10, 16, 18, 21, 22, 28, 29, 35, 39, 40, 41

14.3 Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels

14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics / Activities: 5, 15, 31, 32, 43

14.5 By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information / Activities: 30

14.6 By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation

14.c Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want

6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment

13.2 Integrate climate change measures into national policies, strategies and planning / Activity:17

SDG 2 End hunger, achieve food security and improved nutrition and promote sustainable agriculture

SDG 3 Ensure healthy lives and promote well-being for all at all ages

SDG 6 Ensure availability and sustainable management of water and sanitation for all

SDG 8 Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

SDG 9 Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

SDG 12 Ensure sustainable consumption and production patterns

SDG 7 Strengthen the means of implementation and revitalize the global partnership for sustainable development / Activities: 42, 43, 44