

Project overview HOLAS II

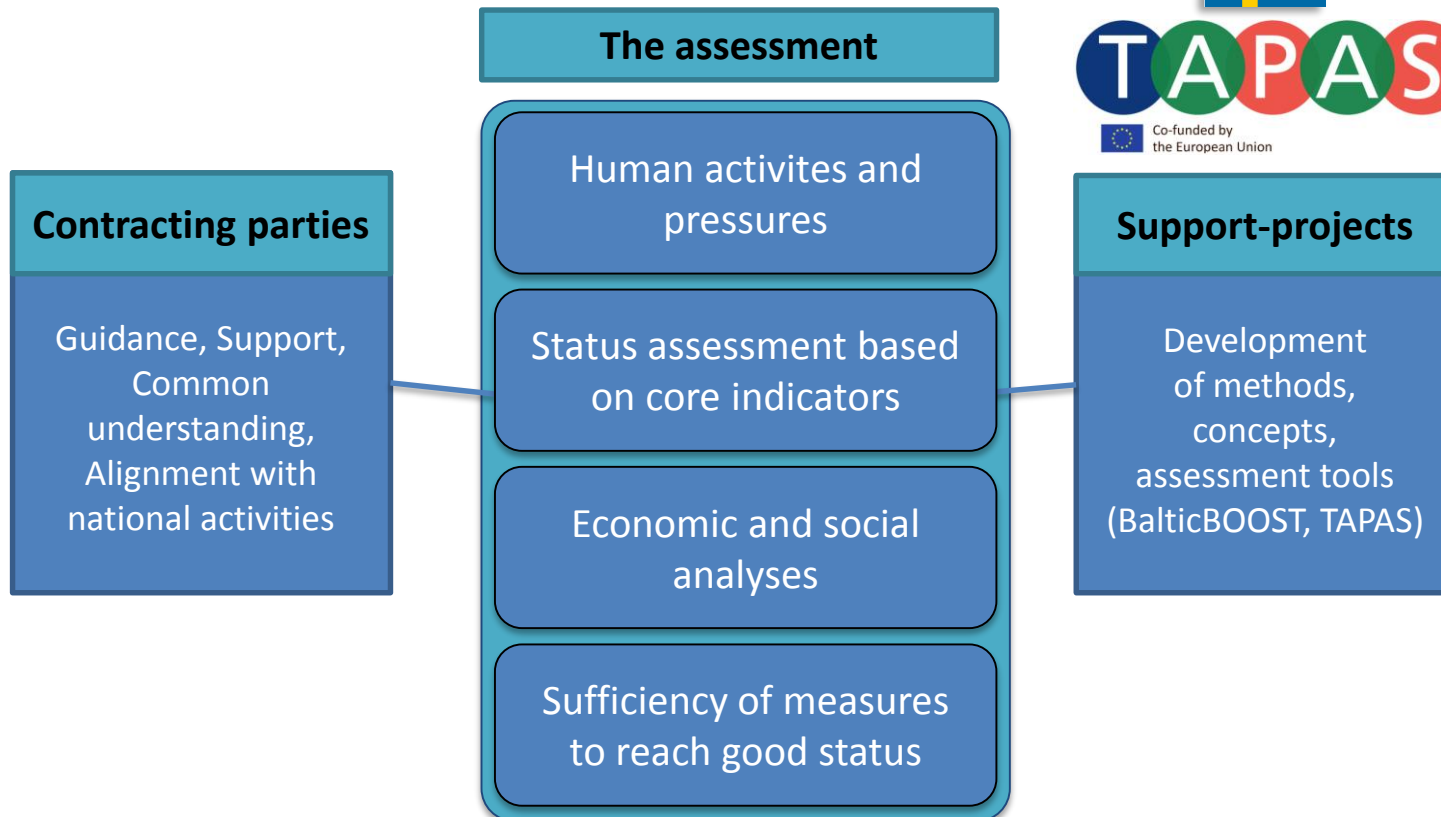
Second HELCOM Holistic Assessment
of the Ecosystem Health of the Baltic Sea



Co-funded by
the European Union

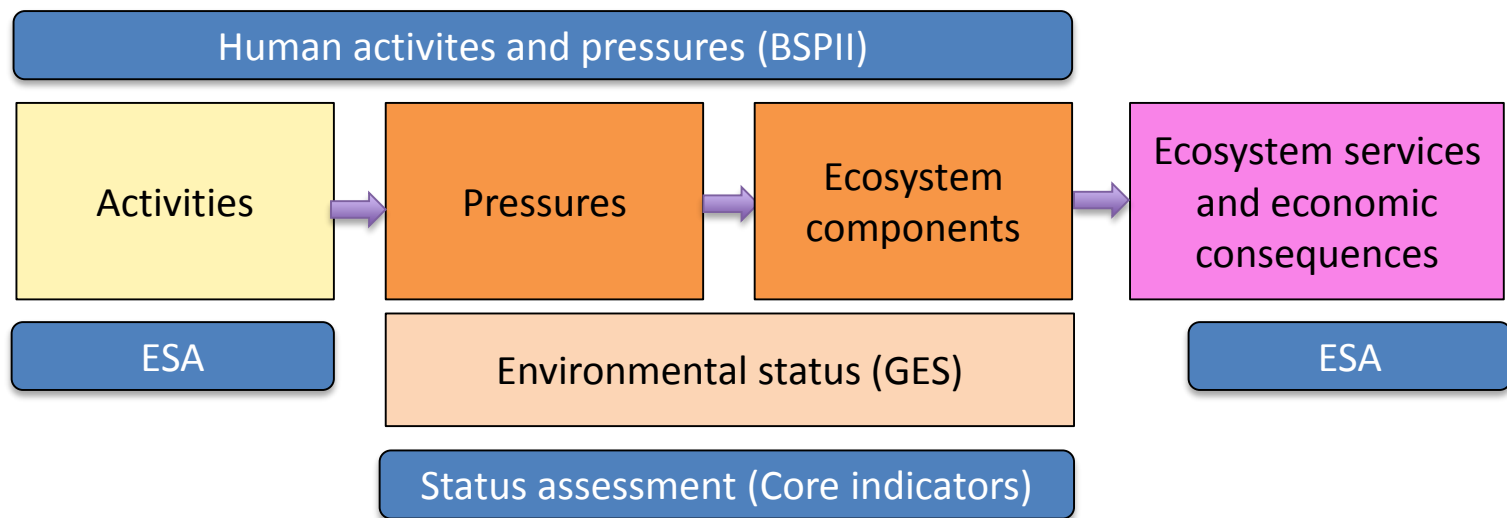


Co-funded by
the European Union



HELCOM

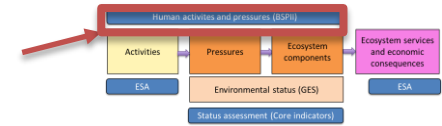
Proposed holistic assessment framework



Align: data, data products, linkages between boxes, terminology, classifications
Conceptual framework for the analyses and the non-quantitative parts



Pressures and human activities



- Spatial distribution of pressures and activities
- Combine with ecosystem component data into an impact index
 - Cumulative Effects Assessment
 - Based on impact scores



Development of the Baltic Sea Impact Index

1. Update and extend the collection of underlying **data sets**

- Ecosystem components
- Pressures/human activities
- Improved spatial information

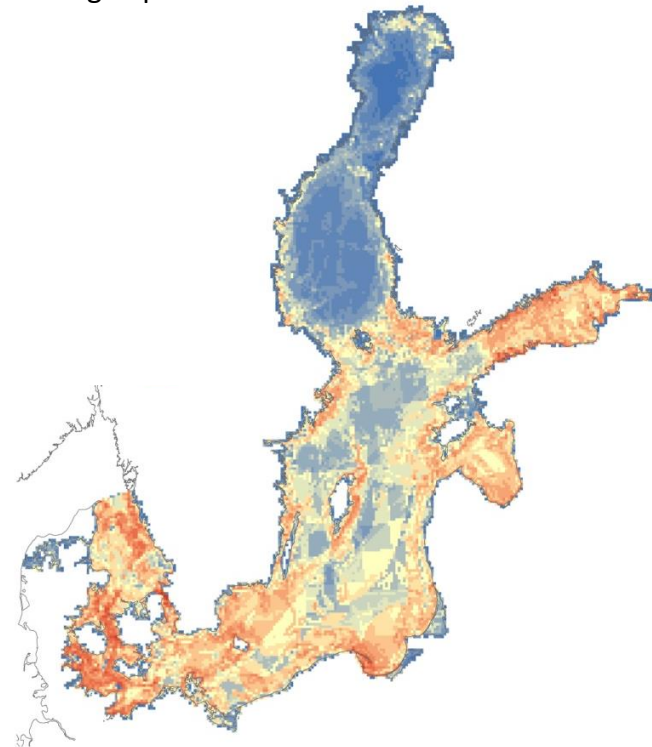
2. Improve the **impact scores**

- Expert questionnaire
- Literature support

3. Include uncertainty estimates

Baltic Sea Impact Index

Pressure and ecosystem data combined using Impact scores



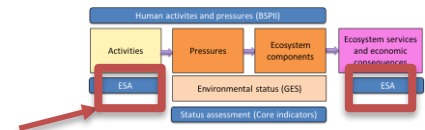
Korpinen et al 2012. Ecological Indicators 15:105-114.



HELCOM

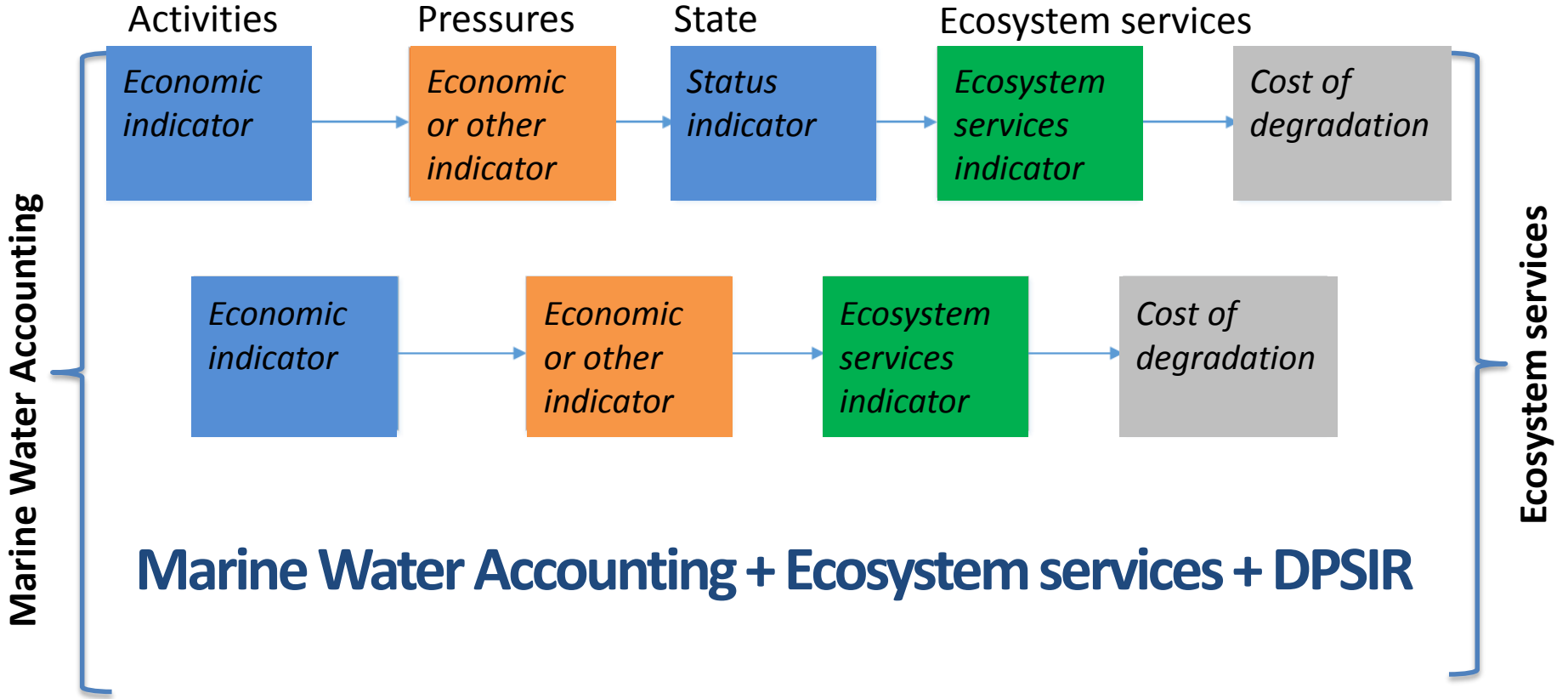
Economic and Social Analyses

- The use of marine waters
- The cost of degradation (benefit of measures to improve status)
- ESA framework linked to the assessments of status and pressures
- Next steps: Test the framework on a selected theme (including test of concept, assessment approaches, typologies, methods, data)

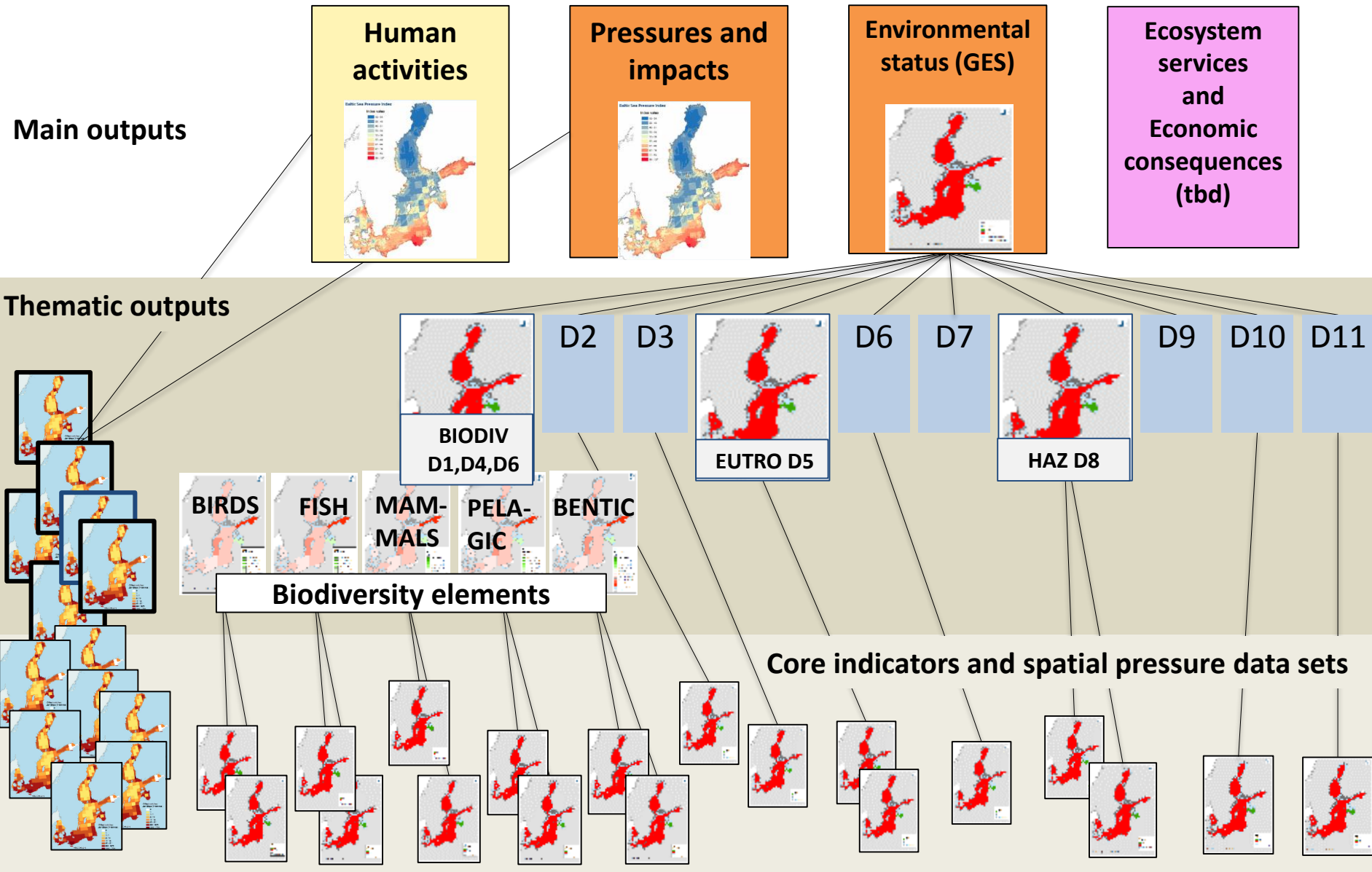


HELCOM

HOLAS II ESA:

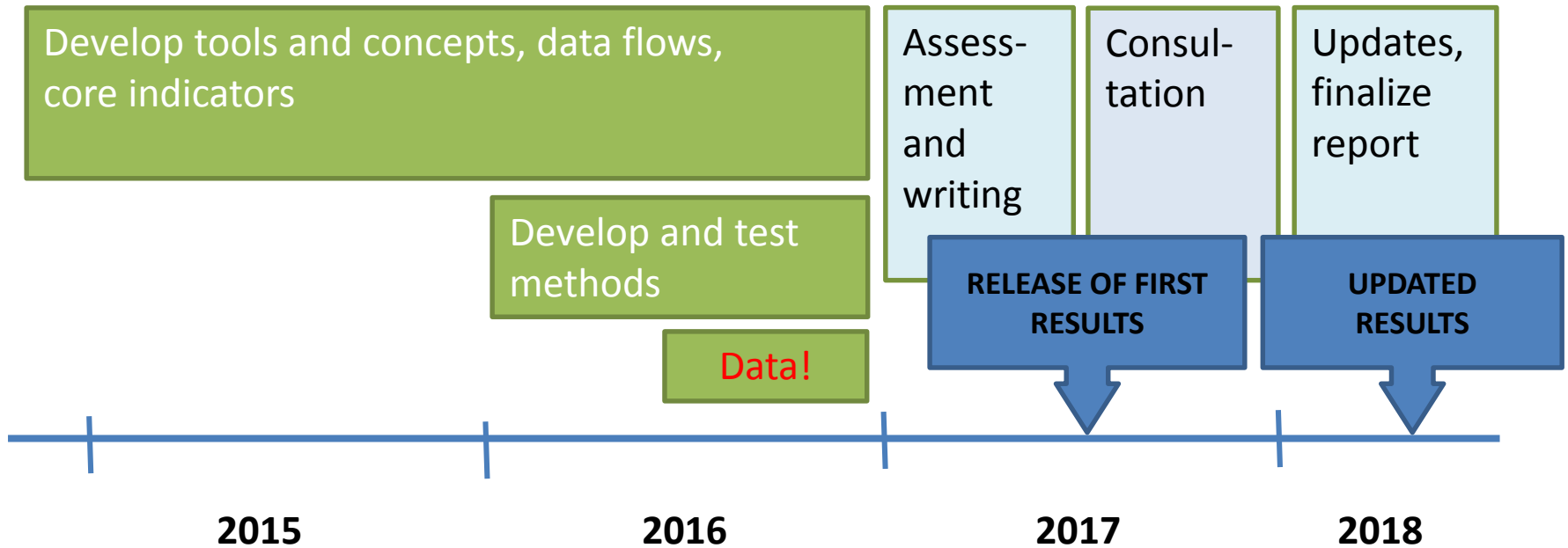


Overview of potential HOLAS II outputs



HOLAS II Timeline

Project from December 2014 to June 2018.



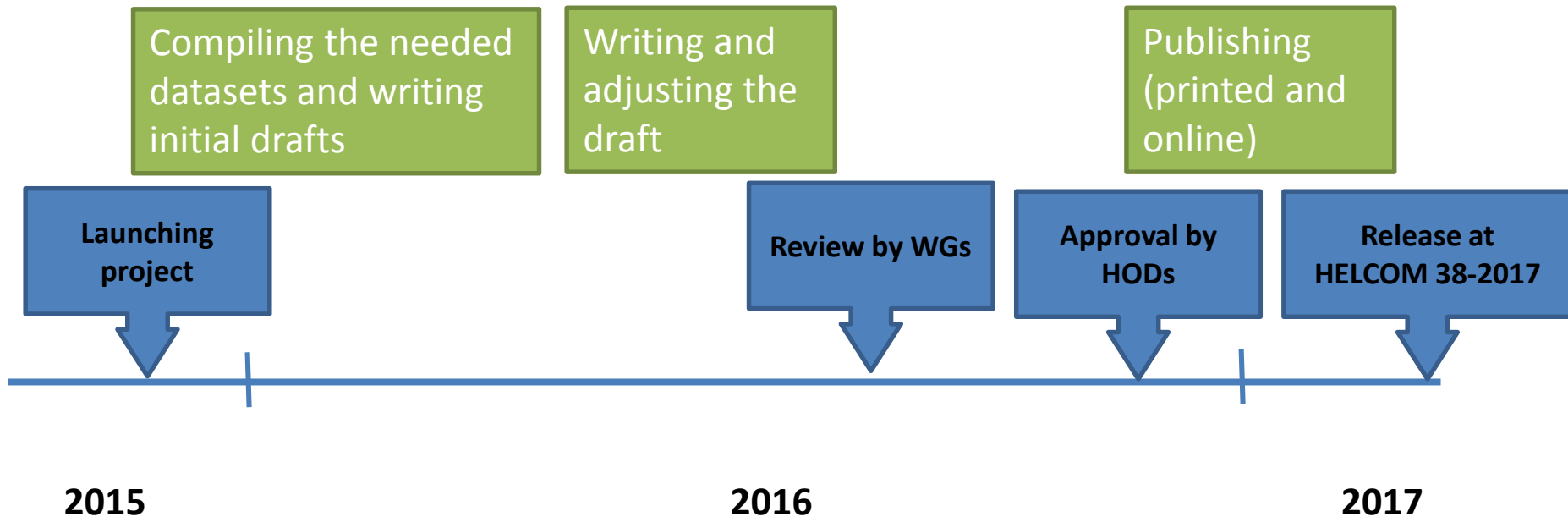
HELCOM Maritime Assessment

Content

- Baltic Sea traffic
- Environment and Shipping
- Safety of Navigation
- Other maritime issues (fisheries, aquaculture, offshore wind, cables and pipelines, offshore gas and oil, submerged hazardous objects, leisure boating)

HELCOM Maritime Assessment Timeline

Project from December 2015 to March 2017.



HELCOM

BalticScope report on MSP and maritime activities by HELCOM

- *I Future of maritime activities in the Baltic Sea*
- *II Maritime activities in MSP based on SCOPE experiences*

Timeline:

- early draft by summer
- final report by November 2016



Baltic Marine Environment Protection Commission

2/26/2016
12