

State and Conservation 15-2021

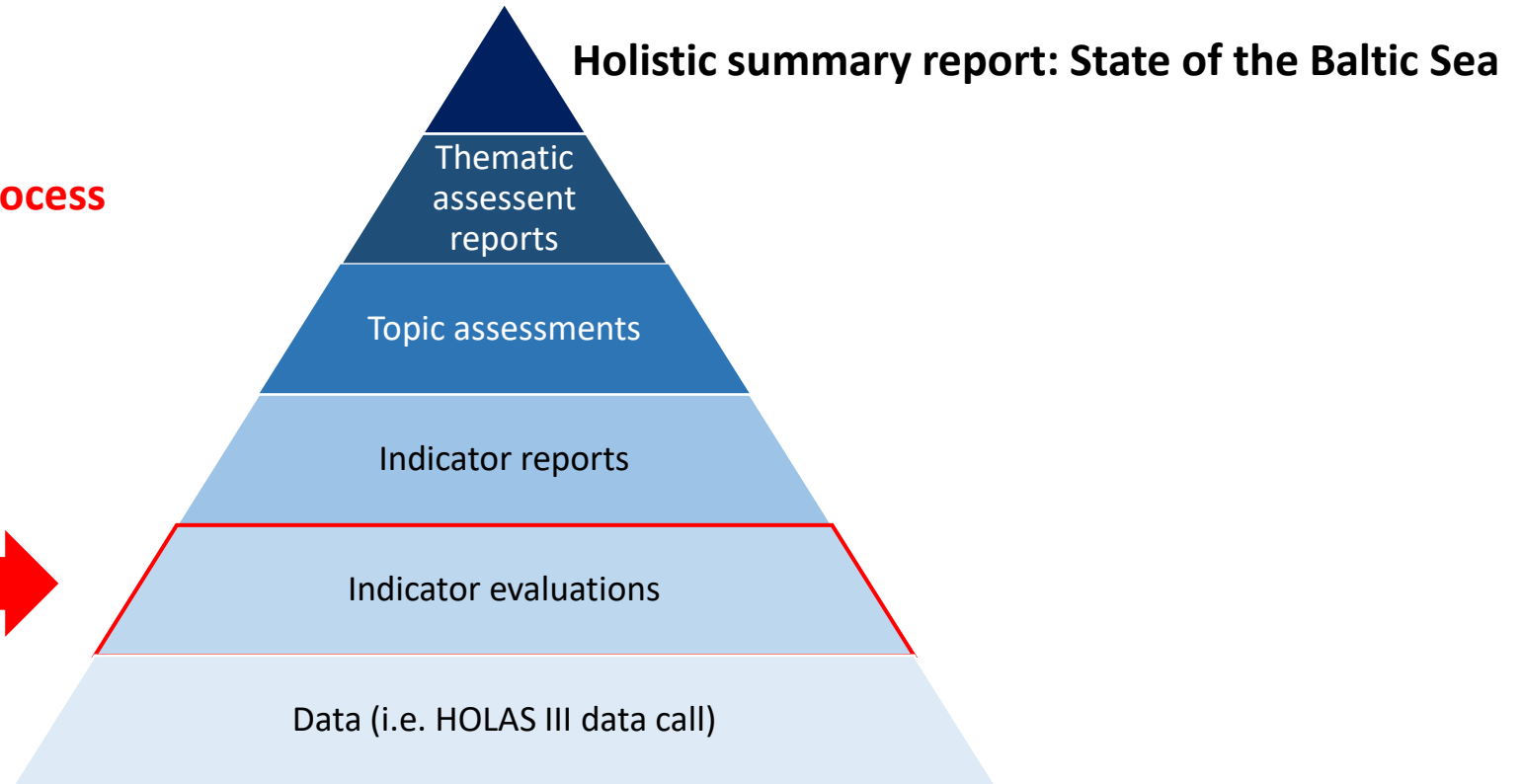
Indicators and assessments towards HOLAS III



Conceptual overview of the HOLAS III assessment structure and the progressive integration of results.

***also sent to HOD for threshold value process**

Red outline will show where in the scheme the current slide is addressing – e.g. ‘indicator evaluations’.

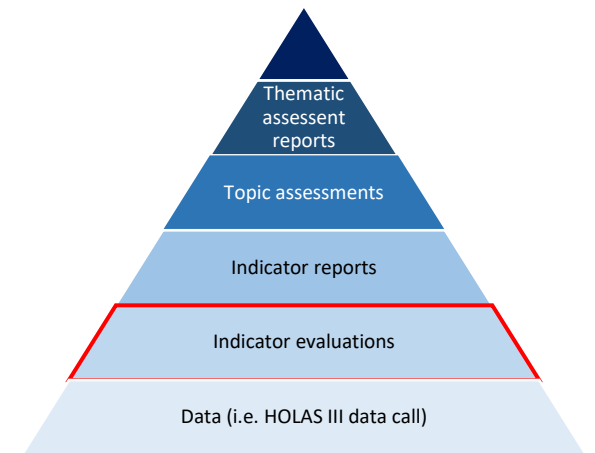


Marine mammals



Nutritional status of seals

- **Nutritional status of seals** - Document 3J.40
- Applied at scale of seal management units.
- Spatial coverage expected to increase, but highly dependent on data received under HOLAs III data call. Also, including all species.
- All data will be included, where not viable for the assessment protocol it will be summarised in the indicator.
- Monitoring and Assessment guidelines have been updated to reflect current situation.
- Threshold values will be applied as in HOLAS II, as revision of these requires further extensive analytical work (and data collection).
- New data collection under EG MAMA during autumn 2022.



State and Conservation - Action requested

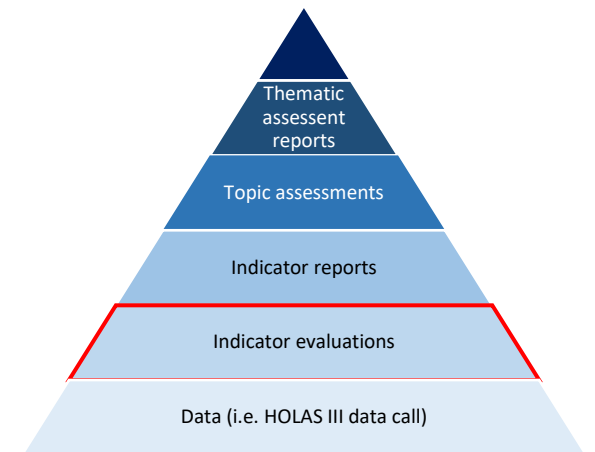
The Meeting is invited to:

- provide further technical guidance to the indicator leads and experts, including specific requests defined within the document;
- consider and endorse the proposed developments of the indicator for use in the HOLAS III assessment.



Reproductive status of seals

- **Reproductive status of seals - Document 3J.41**
- Applied at scale of seal management units.
- Spatial coverage expected to increase, but highly dependent on data received under HOLAs III data call. Also, including all species.
- All data will be included, where not viable for the assessment protocol it will be summarised in the indicator.
- Monitoring and Assessment guidelines have been updated to reflect current situation.
- Threshold values will be applied as in HOLAS II, as revision of these requires further extensive analytical work (and data collection).
- New data collection under EG MAMA during autumn 2022.



State and Conservation - Action requested

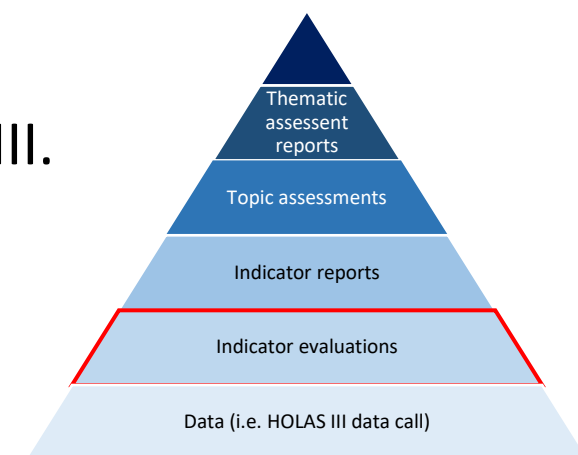
The Meeting is invited to:

- provide further technical guidance to the indicator leads and experts, including specific requests defined within the document;
- consider and endorse the proposed developments of the indicator for use in the HOLAS III assessment



Abundance and population trends of harbour porpoise

- **Abundance and population trends of harbour porpoises - Document 3J.42**
- Assessment applied at population scale (trends) and scale 2 (qualitative assessment).
- Qualitative assessment (historic records) of Baltic Proper population.
- Trend based assessment (though no current threshold value application) for the Belt Sea population.
- Trend assessment based on SCANS and miniSCANS data.
- Indicator will summarise the above two components for HOLAS III.
- Work presented carried out and ongoing in HELCOM BLUES project.



State and Conservation - Action requested

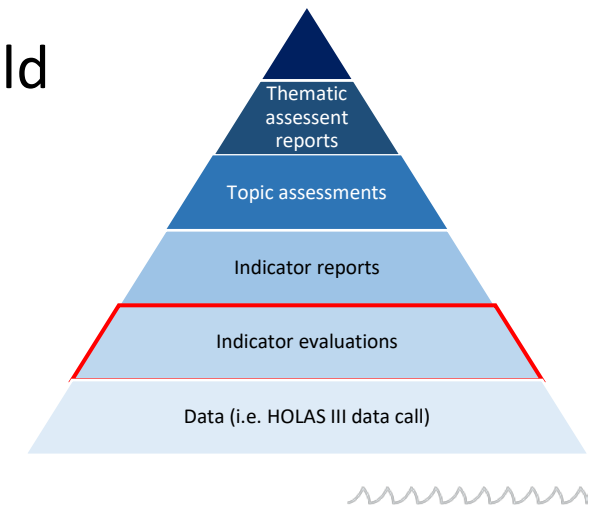
The Meeting is invited to:

- provide further technical guidance to the indicator leads and experts, including on the yellow highlighted text passages, concerning additional location data for the Baltic Proper population and additional existing reporting systems;
 - Input related additional data to support the evaluation of historic records (table provided in report).
- consider and endorse the proposed developments of the indicator for use in the HOLAS III assessment.



Distribution of harbour porpoises

- **Distribution of harbour porpoises - Document 3J.43**
- Assessment applied at scale 2 (qualitative assessment) for the Baltic Proper population.
- No assessment possible for the Belt sea population buy HOLAS III.
- Qualitative assessment based on a review of historic information and comparison to the current status.
- Indicator will summarise the above for HOLAS III, but no threshold values will be applied.
- Work presented carried out and ongoing in HELCOM BLUES project.
- Further progress towards HOLAS IV would be supported by proposed workshop (proposed at S&C 14-2021).



State and Conservation - Action requested

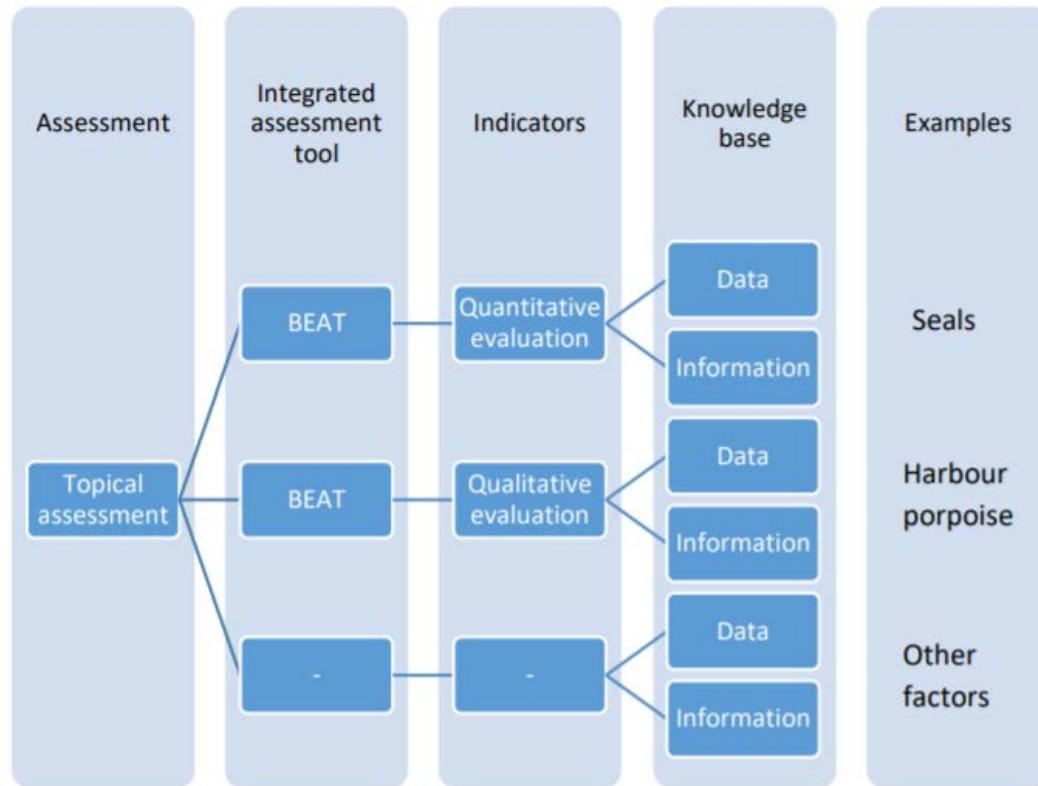
The Meeting is invited to:

- provide further technical guidance to the indicator leads and experts, including input on the yellow highlighted text passages, concerning additional location data for the Baltic Proper population and additional existing reporting systems;
 - Input related additional data to support the evaluation of historic records (table provided in report).
- consider and endorse the proposed developments of the indicator for use in the HOLAS III assessment.

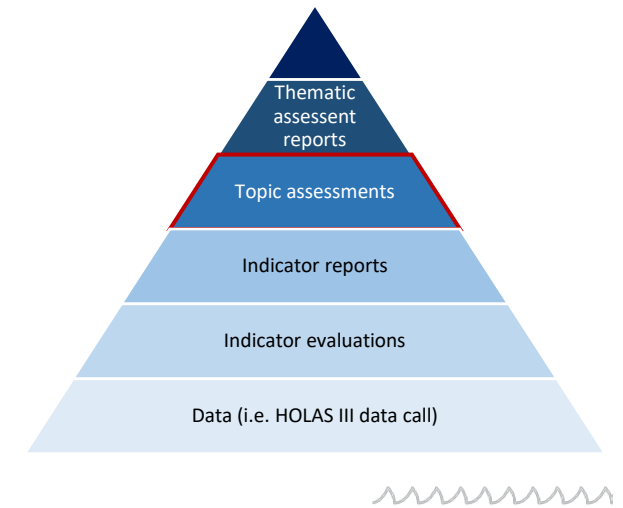


Assessment of marine mammals

- **Assessment of marine mammals- Document 3J.44**
- Major components: 1) seal abundance, 2) seal distribution, 3) harbour porpoise abundance (trend/qualitative), 4) harbour porpoise distribution (qualitative), 5) seal reproductive status, 6) seal nutritional status, 7) bycatch information.



- Relevant links to BEAT document (3J.48).
- Incorporation of other relevant information and Expert Group involvement key.



State and Conservation - Action requested

The Meeting is invited to:

- consider and endorse the proposed approach for assessing marine mammals in the HOLAS III assessment.

