

State and Conservation 15-2021

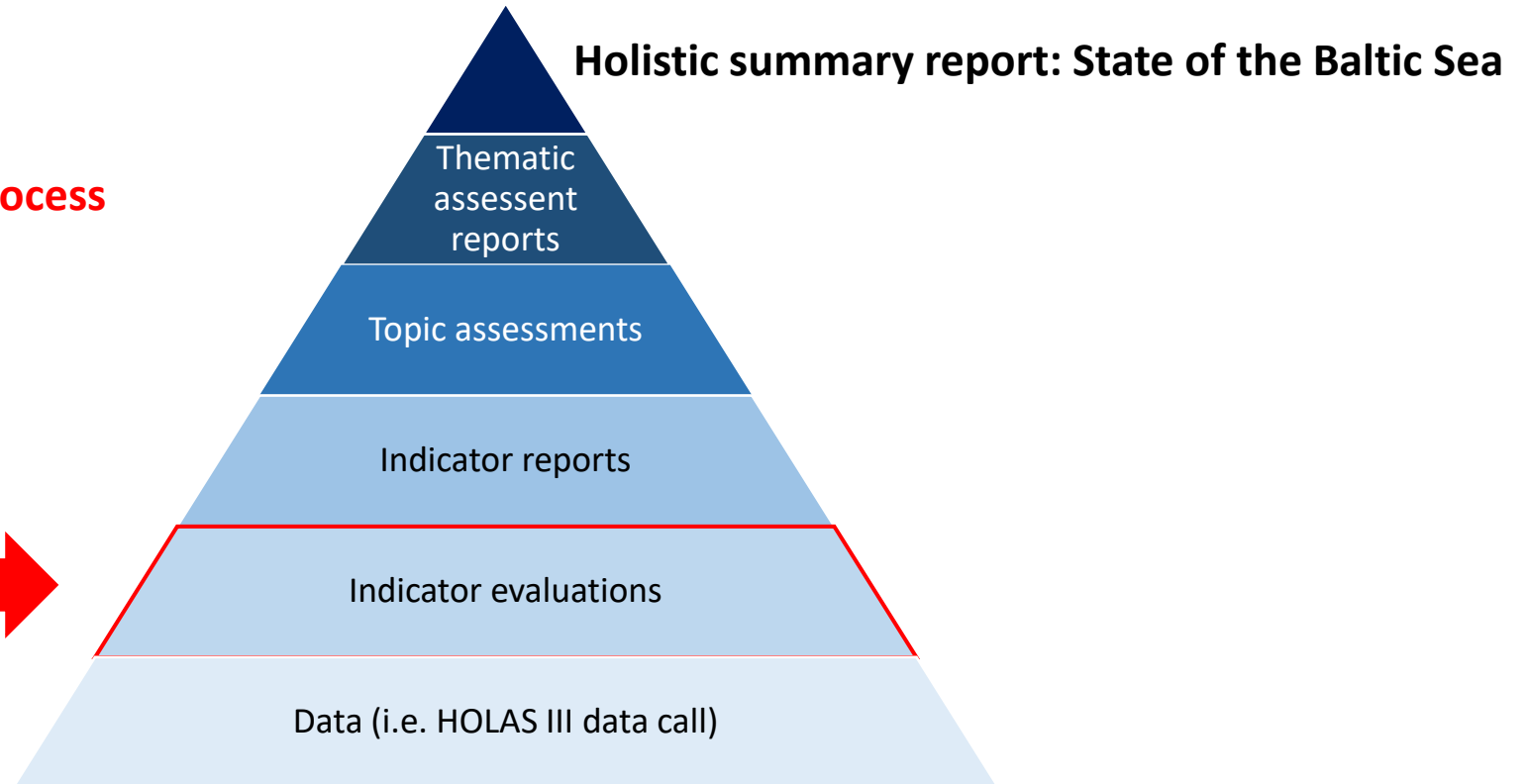
Indicators and assessments towards HOLAS III



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’.



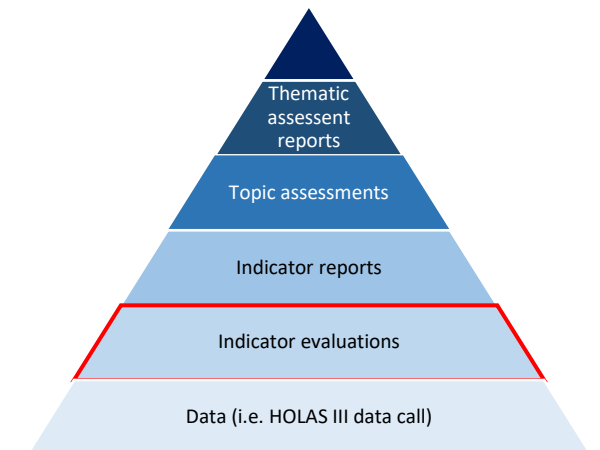
Pelagic habitats



Phytoplankton



- ***Seasonal succession of dominating phytoplankton groups - Document 3J.20 and 3J.20 Annex.1 (excel sheet)**
- Indicator methodology applied – as in indicator report and as in HOLAS II.
- R script tool developed to support conversion of data to suitable format.
- Scale 3 HELCOM Assessment Units (AUs) applied.
- One coastal unit (Gulf of Finland Estonian Coastal waters).
- Threshold value setting described in HOLAS II indicator report – based on deviation from a reference period and deviation from that pattern.
- Possibility to develop threshold values assessed for all AUs.
- Threshold values proposed for 26 Assessment units (in ATT.1).



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.
 - including the threshold values*

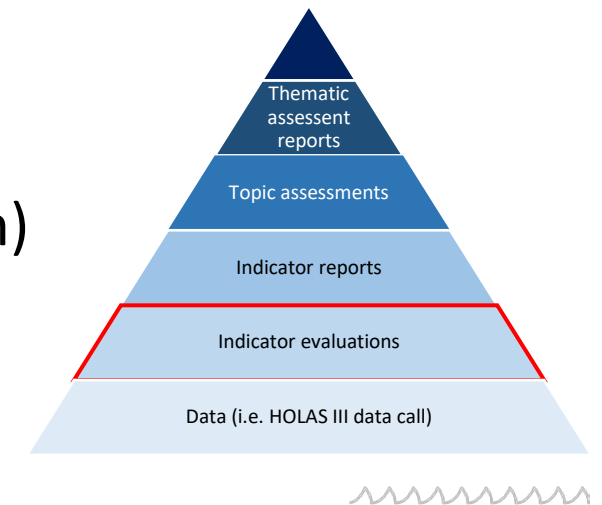
**NOTE: Threshold value proposals also included in HOD 61 process.*



Zooplankton



- ***Zooplankton mean size and total stock (MSTS) - Document 3J.21**
- Indicator methodology applied – as in indicator report and as in HOLAS II.
- Scale of assessment as in HOLAS II – Scale 2.
- New threshold value developed for the Gulf of Riga (Latvia and Estonia data evaluation).
- Data from Russia have been explored but are currently not compatible with the indicator approach.
- Data evaluation ongoing for the Bornholm basin and Eastern Gotland basin (data from Germany, Poland, Estonia, and Sweden) – possible to achieve threshold values by mid-November.
- Simplified tool to support threshold value setting being developed under BLUES – expected to be available during October.



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.
 - including the threshold value (Gulf or Riga)*
 - invited to support the ongoing development of indicator and consider the proposed timeline for presenting the final numeric threshold values for the Eastern Gotland basin and Bornholm basin.

**NOTE: Threshold value proposals also included in HOD 61 process.*





BLUES

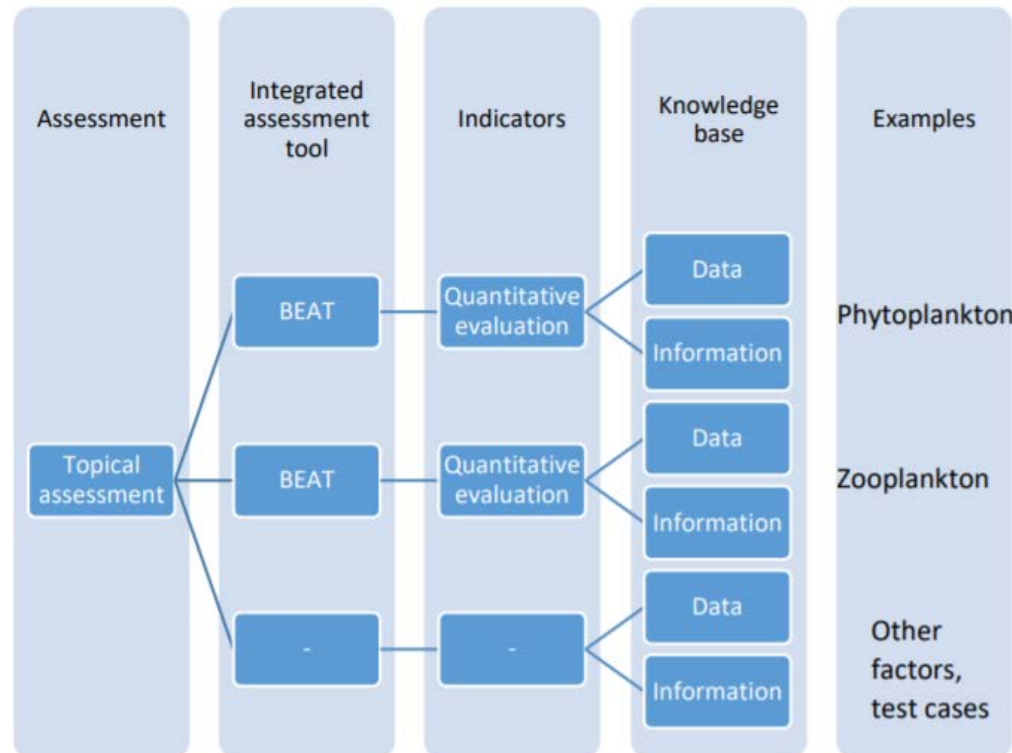


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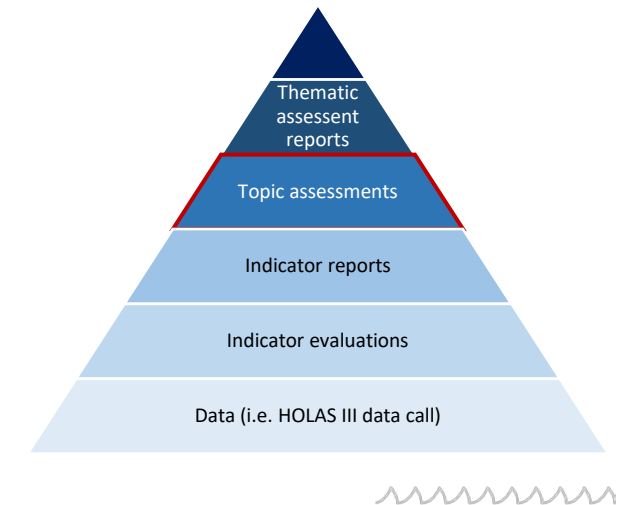


Assessment of pelagic habitats

- **Assessment of pelagic habitats - Document 3J.22**
- Major components: 1) two prior indicators, 2) BEAT integration (see doc 3J-48), 3) possible test cases of 'paired approach' and CBI comparison with Zooplankton MSTs.



- Close cooperation with PELAGIC WS 1-2021.



State and Conservation - Action requested

The Meeting is invited to:

- consider and endorse the proposed approach for assessing the state of pelagic habitats in the HOLAS III assessment as indicated in the corresponding document;
- to support the proposal for a follow up workshop between HELCOM BLUES and OSPAR NEA PANACEA, with regional experts invited.

