



Document title	Estimates of the effectiveness of proposed new measures
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Agenda Item	2 – Results of the prior analyses
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Background

The document contains estimates of the effectiveness of potential new measures based on effectiveness of measure types in the sufficiency of measures (SOM) analysis, as well as information from synopses, literature reviews and project outcomes. The synopses have been submitted by Contracting Parties, HELCOM subsidiary bodies, international projects and HELCOM Observers in 2019-2020, and a technical review of the synopses has been carried out by HELCOM Working Groups in spring 2020 to provide a preliminary evaluation of the proposals (see [document 2-1](#)).

To support the evaluation of proposed new measures in the BSAP UP workshops, the HELCOM ACTION project has compiled information on the effectiveness of potential new measures. The effectiveness is evaluated either as a percent reduction in pressures (by activity) or as a percent improvement in environmental state.

The attached Excel table (2-2 Att.1) lists all the proposed new actions and provides effectiveness estimates for those for which they are available. The proposed measures have been categorized to four classes by the ACTION project based on their linkages to the measure types in the SOM analysis of existing measures:

- 1) there is a corresponding measure type in the SOM analysis to the proposed new measure,
- 2) the proposed measure strengthens a corresponding measure type in the SOM analysis,
- 3) there is no corresponding measure type in the SOM analysis, and
- 4) the proposed action is not a straightforward measure (i.e. does not concretely reduce a pressure or improve state).

This categorization has been made to enable the effectiveness estimation by linking the proposed new measures to the measure types included in the SOM analysis and using information on the effectiveness of existing measures as a proxy on the effectiveness of proposed new measures. The categorization is not, in any way, aimed at contradicting or replacing the classification of proposed new measures done by the Working Groups in the technical review of the synopses.

For categories 1 and 2 (which can be linked to measure types in the SOM analysis), effectiveness estimates of the proposed measures are based on the results of the expert surveys and literature reviews on the effectiveness of measure types conducted for the SOM analysis of existing measures. For category 3 (no corresponding measure type in the SOM analysis), effectiveness estimates are based on literature reviews and other ACTION work. Estimates of the effectiveness of actions in class 4 (not straightforward measures) are not provided.

Some measures propose local implementation, such as construction of wetlands (or other habitats), protection areas etc., and the effectiveness depends on the level of implementation. In these cases, effectiveness is estimated by reporting the local effectiveness and assuming a level of implementation in

the Baltic Sea. Readers can judge the assumption and calculate other effectiveness values based on the reported effectiveness estimates.

Action requested

The workshop is invited to take note of the effectiveness estimates in the attached Excel file (2-2 Att.1) and use the estimates as background information for evaluating the proposed new measures.