



Baltic Marine Environment Protection Commission

HELCOM Platform for sufficiency of measures

SOM Platform 2-2019

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Background

Document 2-2 describes the approach for assessing the effectiveness of measures (step 4) and pressure-state response (step 6). A major part of the data for these steps will come from expert surveys, implemented in physical workshops and online. This document includes the latest survey draft for assessing the effectiveness of measures and pressure-state response, to be finalized after the SOM Platform meeting. The attached survey is the general version which will be used as the basis for the specific surveys made separately for each topic.

Action requested

The Meeting is invited to:

- take note of the survey
- comment on the survey.

Expert survey for assessing the effectiveness of measures and pressure-state linkages in SOM analysis

The words in red will be replaced with specific measures, pressures, activities, or state variables
Instructions are in yellow, not to be put in the final survey

SECTION 1. Introduction

The aim of this survey is to collect expert knowledge on two topics:

1. the effectiveness of measures in reducing pressures, and
2. the most significant pressures contributing to environmental state and pressure reductions required to achieve state improvements.

The responses will be used for the HELCOM sufficiency of measures analysis for the update of the Baltic Sea Action Plan. The aim of the analysis is to evaluate whether existing measures are sufficient in achieving a good state of the Baltic Sea. The surveys are implemented as part of the HELCOM ACTION project.

In each question, please provide your expert opinion based on your best knowledge.

If you have any questions or feedback related to the survey, please contact Luke Dodd, HELCOM (luke.dodd@helcom.fi).

Thank you for taking the time to complete the survey!

SECTION 2. Effectiveness of measure types

Repeated for each pressure – activity pair

Explanation of measure types, full lists of measures under each measure type

1. This question asks you to assess the relative effectiveness of measure types and the certainty of that effectiveness. In your expert opinion, what is the relative effectiveness of each of the following measure types in reducing a pressure from an activity, and what is the certainty of the effectiveness of each measure type?

Provide your answer on the grid below, with the horizontal axis representing the relative effectiveness and the vertical axis the certainty of the effectiveness of the measure type in question. Assume that the measure type is implemented in relevant areas of the Baltic Sea region. Note that certainty includes the level of scientific evidence on the effectiveness of the measure type, grouping of different measures under one measure type and geographic variation in effectiveness of the measure type.

- Measure type 1
- Measure type 2
- Measure type 3
- Measure type 4
- Measure type 5
- ...



2. Think of the measure type that you rated as the most effective in the previous question. In your expert opinion, how much can the most effective measure type reduce a pressure from an activity?

Provide your answer as a percent reduction. 100% means that the measure type will eliminate the specific pressure from this specific activity. The most effective measure type is the measure type furthest on the right in question 1. Assume that the measure type is implemented in the relevant areas of the Baltic Sea region.

Scale from 0% to 100%

SECTION 3. Pressure – state linkages

Repeated for each state variable and area of analysis (sub-basin)

3. In your expert opinion, what are the most significant pressures preventing the achievement of good environmental state for **the given state variable?**

Rate the significance of the following pressures on a scale of 0 – 5, where 0 = not significant at all and 5 = extremely significant. If there are other significant pressures, you can add one to the list.

	0 Not significant	1 Not very significant	2 Somewhat significant	3 Significant	4 Very significant	5 Extremely significant
Pressure 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pressure 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other pressure, please specify	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you provided an answer for “other pressure”, please specify the pressure

Pressure list

Use alternative A or B based on the existence of a GES threshold

ALTERNATIVE 1: quantitative GES threshold exists

4_1. Consider all the pressures listed in question 3. In your expert opinion, by what percentage do these pressures need to be reduced in order to achieve a good state of **the given state variable, regardless of the time it takes?**

Please estimate the minimum, maximum and the most likely percent (%) reduction required.

4_1a. Minimum percent (%) reduction required

Scale from 0% to 100%

4_1b. Maximum percent (%) reduction required

Scale from 0% to 100%

4_1c. Most likely percent (%) reduction required within the minimum-maximum range

Scale from 0% to 100%

ALTERNATIVE 2: no quantitative GES threshold exists

4_2. Consider all the pressures listed in question 3. In your expert opinion, by what percentage do these pressures need to be reduced in order to achieve a specific state improvement level of the given state variable, regardless of the time it takes?

Please estimate the minimum, maximum and the most likely percent (%) reduction required.

4_2a. Minimum percent (%) reduction required

Scale from 0% to 100%

4_2b. Maximum percent (%) reduction required

Scale from 0% to 100%

4_2c. Most likely percent (%) reduction required within the minimum-maximum range

Scale from 0% to 100%

SECTION 4. Background information

Name: _____

Country: _____

Organization: _____

THANK YOU!