



Baltic Marine Environment Protection Commission

HELCOM Platform for sufficiency of measures

SOM Platform 2-2019

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Background

This document outlines the engagement of HELCOM Working Groups, expert groups, etc. in contributing to expert-based evaluations or validation of input to the SOM analysis. Note that some surveys will not be completed until after meeting of HELCOM Working Group meetings have been held in autumn 2019. Thus, for some components an intersessional process will be required for countries to validate the input to the SOM analysis.

Action requested

The Meeting is invited to take note of the information.

Identifying main pathways for pressures using activity-pressure-linkages (step 3)

Expert evaluation: identifying main pathways for pressures

Topic	Expert pool	Distribution to experts	Validation group	Validation date
Input of litter	EN Marine Litter	EN Marine Litter meeting, 26.8	EN Litter WG Pressure	Intersessional, TBD PRESSURE 11-2019, 23.10-25.10
Input and spread of NIS	DATA BASED	Not applicable	WG Maritime WG Fish	MARITIME 19-2019, 24.9-26.9 Intersessional, TBD
Physical disturbance	TBD ⁴	TBD ⁴	WG Pressure WG Fish	Intersessional, TBD Intersessional, TBD
Physical loss	TBD ⁴	TBD ⁴	WG Pressure WG Fish	Intersessional, TBD Intersessional, TBD
Input of Hg	EN Hazardous Substances	EN HZ 11-2019, 7.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of TBT	EN Hazardous Substances	EN HZ 11-2019, 7.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of PFOS	EN Hazardous Substances	EN HZ 11-2019, 7.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of Diclofenac	EN Hazardous Substances	EN HZ 11-2019, 7.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of continuous noise 63/125 Hz	EN Noise EG MAMA	EN Noise meeting, 19.8 EG MAMA 13-2019, 24.9-26.9	EN Noise WG Pressure	Intersessional, TBD PRESSURE 11-2019, 23.10-25.10
Input of continuous noise 2 kHz	EN Noise EG MAMA	EN Noise meeting, 19.8 EG MAMA 13-2019, 24.9-26.9	EN Noise WG Pressure	Intersessional, TBD PRESSURE 11-2019, 23.10-25.10
Input of impulsive noise below 10 kHz	EN Noise EG MAMA	EN Noise meeting, 19.8 EG MAMA 13-2019, 24.9-26.9	EN Noise WG Pressure	Intersessional, TBD PRESSURE 11-2019, 23.10-25.10
Input of Nitrogen	DATA BASED	Not applicable	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of Phosphorous	DATA BASED	Not applicable	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Bycatch of mammals	EG MAMA WP1	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation WG Fish	S&C 11-2019, 21.10-25.10 Intersessional, TBD
Bycatch of birds	JWG Birds WP1	JWG Birds meeting, 30.9-4.10	WG State & Conservation WG Fish	S&C 11-2019, 21.10-25.10 Intersessional, TBD
Targeted extraction of mammals	Not required ¹	Not applicable	Not applicable	Not applicable
Targeted extraction of birds	Not required ¹	Not applicable	Not applicable	Not applicable
Extraction of target fish and shellfish species and incidental fish catches	DATA BASED	Not applicable	WG Fish	Intersessional, TBD
Species disturbance: human presence	Likely not required ²	If necessary, TBD	If necessary, TBD	If necessary, TBD
Species disturbance: other	Likely not required ³	If necessary, TBD	If necessary, TBD	If necessary, TBD

¹ Only one activity contributes to this pressure

2 Will be generated only if identified as a top pressure during pressure-state surveys

3 Will be generated only if identified as a top pressure during pressure-state surveys; most likely components to be included are single activity issues

4 Likely data based using reported data from the HELCOM Map and Data Service. <http://maps.helcom.fi/website/mapservice/>

Estimation of effects of measures (step 4)

Expert evaluation: effectiveness of measures

Topic	Expert pool	Distribution to experts	Validation group	Validation date
Input of litter	EN Marine Litter	Intersessional, TBD	EN Marine Litter WG Pressure	Intersessional, TBD PRESSURE 11-2019, 23.10-25.10
Input and spread of NIS	Requested national experts ¹	TBD	WG Maritime WG Fish	MARITIME 19-2019, 24.9-26.9 Intersessional, TBD
Physical disturbance	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG Pressure WG Fish	Intersessional, TBD Intersessional, TBD
Physical loss	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG Pressure WG Fish	Intersessional, TBD Intersessional, TBD
Input of Hg	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of TBT	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of PFOS	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of Diclofenac	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of continuous noise 63/125 Hz	EN Noise	Intersessional, TBD	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of continuous noise 2 kHz	EN Noise	Intersessional, TBD	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of impulsive noise below 10 kHz	EN Noise	Intersessional, TBD	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Input of Nitrogen	TBD	TBD	WG Pressure	TBD
Input of Phosphorous	TBD	TBD	WG Pressure	TBD
Bycatch of mammals	EG MAMA WP1	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation WG Fish	S&C 11-2019, 21.10-25.10 Intersessional, TBD
Bycatch of birds	JWG Birds WP1	JWG Birds meeting, 30.9-4.10	WG State & Conservation WG Fish	S&C 11-2019, 21.10-25.10 Intersessional, TBD
Targeted extraction of mammals	EG MAMA	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation	S&C 11-2019, 21.10-25.10
Targeted extraction of birds	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Extraction of target fish and shellfish species and incidental fish catches	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ²	WG Fish	Intersessional, TBD
Species disturbance: human presence	EG MAMA JWG Birds	SOM Bio-MM WS1 , 26.9-27.9 JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Species disturbance: other	EG MAMA JWG Birds SOM Fish WS	SOM Bio-MM WS1 , 26.9-27.9 JWG Birds meeting, 30.9-4.10 HELCOM SOM-Fish WS 1-2019, X.11 ²	WG State & Conservation WG Fish	S&C 11-2019, 21.10-25.10 Intersessional, TBD

¹ If proposal to MARITIME 19-2019 is accepted² Exact dates pending

Linking reduced pressures with state components (step 6)

Expert evaluation: pressure-state linkage

Topic	Expert pool	Distribution	Validation group	Validation date
Photic sand	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG State & Conservation	Intersessional, TBD
Photic mud	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG State & Conservation	Intersessional, TBD
Photic hardbottom	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG State & Conservation	Intersessional, TBD
Aphotic sand	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG State & Conservation	Intersessional, TBD
Aphotic mud	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG State & Conservation	Intersessional, TBD
Aphotic hardbottom	ACTION WP2 EN Benthic	EN Benthic meeting, 14.11-15.11	WG State & Conservation	Intersessional, TBD
Hg	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
TBT	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
PFOS	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Diclofenac	EN Hazardous Substances	HELCOM SOM-HZ WS 1-2019, 22.10	WG Pressure	PRESSURE 11-2019, 23.10-25.10
Nitrogen	TBD	TBD	WG Pressure	TBD
Phosphorous	TBD	TBD	WG Pressure	TBD
Harbour porpoise	EG MAMA	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation	S&C 11-2019, 21.10-25.10
Harbour seal	EG MAMA	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation	S&C 11-2019, 21.10-25.10
Ringed seal	EG MAMA	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation	S&C 11-2019, 21.10-25.10
Grey seal	EG MAMA	SOM Bio-MM WS1 , 26.9-27.9	WG State & Conservation	S&C 11-2019, 21.10-25.10
Surface feeding birds – Breeding season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Pelagic feeding birds – Breeding season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Benthic feeding birds – Breeding season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Wading feeding birds – Breeding season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Grazing feeding birds – Breeding season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Surface feeding birds – Wintering season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Pelagic feeding birds – Wintering season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Benthic feeding birds – Wintering season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Wading feeding birds – Wintering season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10
Grazing feeding birds – Wintering season	JWG Birds	JWG Birds meeting, 30.9-4.10	WG State & Conservation	S&C 11-2019, 21.10-25.10

Topic	Expert pool	Distribution	Validation group	Validation date
Coastal fishes	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Cod in subdivisions 22-24, western Baltic stock	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Cod in subdivisions 24-30 and 32, eastern Baltic stock	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Herring in subdivisions 20-24, spring spawners	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Herring in subdivisions 25-29 and 32, excluding the Gulf of Riga	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Herring in subdivision 28.1 (Gulf of Riga)	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Herring in subdivisions 30 and 31	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Sprat in subdivisions 22–30 and 32	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Salmon	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
Sea trout	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
European eel	SOM Fish WS	HELCOM SOM-Fish WS 1-2019, X.11 ¹	WG Fish	Intersessional, TBD
¹ Exact dates pending				