

## DRAFT AGENDA 2<sup>nd</sup> HELCOM Indicator Workshop (HELCOM Indicator WS 2-2019)

Below a provisional agenda and approach to fulfil the expected outcomes of the Workshop is provided. The information below is a minor adaptation of the provisional timetable and structure presented in the Terms of Reference. Adjustments have been made to ensure a more solid discussions sessions can take place, and to also allow preparation time prior to any reporting back to the whole Workshop in plenary.

*Provisional timetable and structure (see detailed timetable below)*

Day 1		Day 2			Day 3
General introduction		Updates from day 1.			Updates from day 2.
Introduction and aims HOLAS III, where do we want to be by 2023 (2021)		Biodiversity	Eutrophication	Pollution	Policy steer and conclusions
Indicator structure Indicators in HOLAS III, cross-cutting		Biodiversity-Eutrophication linkages			
Summary - Common understanding					
Biodiversity	Eutrophication	Biodiversity-Pollution-(Eutrophication)			

Sections of the provisional timetable above are coloured blue where common overviews are discussed, and green where expert discussion (co-Chaired by policy and technical experts) will be the focus.

### Day 1: 16 October

09.00 Welcome and practical information

*Aim: Practical information*

09.15 Brief round table and introductions

*Aim: Short introduction of individuals an expertise present*

10.00 General introduction to aims and expected outcomes (**Secretariat**)

*Aim: General introduction to set the scene, based on Workshop ToRs and outcome of 1<sup>st</sup> HELCOM Indicator Workshop.*

10.20 Presentation – HOLAS III where do we want to be by 2023 (2021) – what can be done better and how can the indicator catalogue be improved for it, followed by discussion (**note that this is a scoping and idea gathering discussion only, with information to support decision taking in GEAR and HOD**) (**Secretariat**)

*Aim: Overview of current information available related to planning of HOLAS III and provisional timeline towards HOLAS III, to initiate discussion and collate valid ideas that can be provided to relevant HELCOM Working Groups. Noting that planning of HOLAS III has not yet been initiated and will be an independent process developed via relevant HELCOM WGs and approved at HOD.*

11.00 Coffee/Tea

11.15 Presentation – possible structure for HELCOM indicators, followed by discussion (**Secretariat**)

*Aim: Introduce a possible approach for the structure of the HELCOM indicators and their potential use to better link available knowledge on pressures and state. Initiate discussion on the topic with a view to developing how indicators can be utilised most optimally in HOLAS III and beyond.*

12.00 Presentation – possible approach for use of indicators in HOLAS III and cross-cutting issues, followed by discussion (**Germany**)

*Aim: Introduce a possible approach for the use of indicators in HOLAS III and the possibilities for cross-cutting. Highlight the potential to avoid double work and carry out development in cooperation or parallel with other processes. Initiate discussion to support planning for HOLAS III and the optimal use of indicators in future assessment.*

13.00 Lunch

14.00 Summary discussion and common understanding

*Aim: Summarising the prior discussion into a common overview to support the preparation of a document to HOD and to frame the following discussion within break out groups.*

15.00 Coffee/Tea

15.15 Sub-group discussion on specific themes: Biodiversity, Eutrophication and Pollution (Hazardous substances, Litter and Noise). The discussion will focus on addressing the preliminary priority issues raised at HELCOM Indicator WS 1-2019, as documented in the Terms of Reference for the Second Indicator Workshop. Other issues will also be considered if deemed valid by the group and given available time constraints. The aim of these discussions is to: gain common agreement on areas of highest priority, define what can be practically/technically achieved in the short-term (by HOLAS III – i.e. completed by autumn 2021), define what should be viable in the longer-term (i.e. most optimal indicator), determine a work plan and resource needs to complete these developments (i.e. to help guide decision making and resource allocation at the HELCOM Working Group level, and above), and encourage an exchange between technical and policy experts.

*Aim: Address the issues raised as preliminary priority during the 1<sup>st</sup> HELCOM Indicator Workshop and document clear vision for what would be the optimal solutions (longer-term) and what can be achieved in the shorter-term (i.e. by HOLAS III = by autumn 2021). Required information includes the details of what can be achieved, the scientific basis for this, a plan for the required technical work, and the resources (i.e. work days) required to complete this development work. Consider linkages across themes (e.g. biodiversity-eutrophication) as appropriate, see proposed detailed timetable.*

18.00 End of day.

Day 2: 17 October

09.00 Brief summary of previous days discussion (ten minutes per group)

*Aim: Briefly summarise the developments of the previous day by each section in plenary to gain feedback and keep all informed.*

### **9.30 Sub-group discussion on specific themes: Biodiversity, Eutrophication and Pollution (Hazardous substances, Litter and Noise) – continued**

*Aim: Address the issues raised as preliminary priority during the 1<sup>st</sup> HELCOM Indicator Workshop and document clear vision for what would be the optimal solutions (longer-term) and what can be achieved in the shorter-term (i.e. by HOLAS III = by autumn 2021). Required information includes the details of what can be achieved, the scientific basis for this, a plan for the required technical work, and the resources (i.e. work days) required to complete this development work. Consider linkages across themes (e.g. biodiversity-eutrophication) as appropriate, see proposed detailed timetable.*

### **11.00 Coffee/Tea**

### **11.15 Sub-group discussion on specific themes: Biodiversity, Eutrophication and Pollution (Hazardous substances, Litter and Noise) – continued**

*Aim: Address the issues raised as preliminary priority during the 1<sup>st</sup> HELCOM Indicator Workshop and document clear vision for what would be the optimal solutions (longer-term) and what can be achieved in the shorter-term (i.e. by HOLAS III = by autumn 2021). Required information includes the details of what can be achieved, the scientific basis for this, a plan for the required technical work, and the resources (i.e. work days) required to complete this development work. Consider linkages across themes (e.g. biodiversity-eutrophication) as appropriate, see proposed detailed timetable.*

### **13.00 Lunch**

### **14.00 Split sessions – crossover themes**

#### **A – Ongoing discussion in pollution group**

*Aim: Address the issues raised as preliminary priority during the 1<sup>st</sup> HELCOM Indicator Workshop and document clear vision for what would be the optimal solutions (longer-term) and what can be achieved in the shorter-term (i.e. by HOLAS III = by autumn 2021). Required information includes the details of what can be achieved, the scientific basis for this, a plan for the required technical work, and the resources (i.e. work days) required to complete this development work. Consider linkages across themes (e.g. biodiversity-eutrophication) as appropriate, see proposed detailed timetable.*

**B – Biodiversity and Eutrophication: discussion on linkages between the two themes, including on how they interact and how biodiversity and eutrophication threshold values may influence one another. Discussion should consider aspects raised in the Terms of Reference and also develop ideas on ways ahead, in particular with HOLAS III in mind, for how such aspects can be adequately reflected in future HELCOM holistic assessments**

*Aim: Document relevant linkages across themes (e.g. biodiversity-eutrophication) and define appropriate ways in which these can be considered during an assessment. Consider what can be achieved in the shorter term (i.e. by HOLAS III = autumn 2021) and in the longer-term. Document the development needs and resources issues to carry out the work.*

### **16.30 Coffee/Tea**

**16.45 Biodiversity-Pollution-(Eutrophication): as above but all themes included, with an initial focus on direct links between Biodiversity and Pollution, followed by discussion on areas where interactions may occur between all three themes.**

*Aim: Document relevant linkages across themes (with a focus on biodiversity-pollution) and define appropriate ways in which these can be considered during an assessment. Consider what can be achieved in the shorter term (i.e. by HOLAS III = autumn 2021) and in the longer-term. Document the development needs and resources issues to carry out the work.*

**18.00 End of day**

### Day 3: 18 October

**09.00** Brief summary of previous days discussion (five minutes per theme group (biodiversity, eutrophication, pollution) and ten minutes per linkage group (Biodiversity-Eutrophication and Biodiversity-Pollutants), followed by discussion and synthesis of common ground.

*Aim: Briefly summarise the developments of the previous day by each section in plenary to gain feedback and keep all informed.*

**10.30** Coffee/Tea

**10.45** Policy steer and overview discussion

*Aim: Discussion to consider how the proposed technical work and solutions developed meet the needs of Contracting parties and their policy commitments. Discussion between policy and technical experts to ensure all technical work carried out meets relevant requirements and that policy experts can elaborate on the needs of Contracting Parties from the HELCOM indicators by HOLAS III.*

**13.00** Lunch

**14.00** Conclusions

*Aim: Consolidate the gathered information into conclusions, highlighting the areas of common vision that can contribute to the outcomes of the workshop and the development of a document to HOD.*

**15.00** End of day

## Detailed timetable

<b>Day 1</b> <b>09.00-</b> <b>09.15</b>	Welcome and practical information		
<b>Day 1</b> <b>09.15-</b> <b>10.00</b>	Brief round table and introductions		
<b>Day 1</b> <b>10.00-</b> <b>10.20</b>	General introduction to aims and expected outcomes		
<b>Day 1</b> <b>10.20-</b> <b>11.00</b>	HOLAS III, where do we want to be by 2023 (2021)		
Tea/coffee			
<b>Day 1</b> <b>11.15-</b> <b>12.00</b>	Indicator structure		
<b>Day 1</b> <b>12.00-</b> <b>13.00</b>	Indicators in HOLAS III, cross-cutting		
Lunch			
<b>Day 1</b> <b>14.00-</b> <b>15.00</b>	Summary discussion and common understanding		
Tea/coffee			
<b>Breakouts</b>	<b>BIODIVERSITY</b>	<b>Eutrophication</b>	<b>Pollution</b>
<b>Day 1</b> <b>15.15-</b> <b>18.00</b>	<b>B1 – 2 h 45 min</b>	<b>E1 – 2 h 45 min</b>	<b>P1 – 2 h 45 min</b>
	Sub-group discussions (seating round tables or dividing up)	Group or sub-group.	Sub-group discussions

	<p><b>Mammals</b></p> <ul style="list-style-type: none"> <li>• By-catch</li> <li>• Porpoise</li> <li>• Habitat (all)</li> <li>• Other</li> </ul>	<p><b>Fish</b></p> <ul style="list-style-type: none"> <li>• Distribution</li> <li>• Bycatch</li> <li>• Regional species lists</li> <li>• Commercial fish</li> </ul>	<p><b>Other topics</b> (if needed), individual – plankton, benthic indicators.</p>	<p><b>Eutrophication</b></p> <p>NA (unless present/needed)</p>	<p><b>Hazardous substances</b></p> <ul style="list-style-type: none"> <li>• Concentrations</li> <li>• Load-sate linkage</li> <li>• Monitoring approaches</li> </ul>	<p><b>Noise</b></p> <p>NA (unless present/needed)</p>	<p><b>Litter</b></p> <ul style="list-style-type: none"> <li>• Assessment overall (short and longer-term)</li> </ul>
	Consider interlinkages across themes	Consider interlinkages across themes	Consider interlinkages across themes				
<b>Day 2</b> <b>09.00-09.30</b>	Reporting back from Day 1 in plenary (10 min per theme: Biodiversity, Pollution and Eutrophication (if present))						
<b>Day 2</b> <b>09.30-11.00</b>	<b>B2 – 1h 30 min</b>			<b>E1 – 1h 30 min</b>	<b>P1 – 1h 30 min</b>		
	<b>Benthic and Seafloor</b>		<b>Pelagic habitats</b>	<p><b>Eutrophication</b></p> <ul style="list-style-type: none"> <li>• Oxygen</li> <li>• Load-state linkage</li> <li>• Phytoplankton and macroalgae</li> <li>• Other topics</li> </ul>	<p><b>Hazardous substances</b></p> <ul style="list-style-type: none"> <li>• Foodstuffs</li> <li>• Biological effects</li> </ul>	<p><b>Noise</b></p> <ul style="list-style-type: none"> <li>• Assessment</li> <li>• Biological impacts</li> </ul>	<p><b>Litter</b></p> <ul style="list-style-type: none"> <li>• Assessment</li> </ul>
Tea/coffee							
<b>Day 2</b> <b>11.15-13.00</b>	<b>B3 – 1 h 45 min</b>			<b>E3 – 1 h 45 min</b>	<b>P3 – 1 h 45 min</b>		
	<b>Food webs - Ecosystems</b>			Consider interlinkages across themes	Consider interlinkages across themes	Consider interlinkages across themes	Consider interlinkages across themes
Lunch							

<b>Day 2</b> <b>14.00-</b> <b>16.30</b>	<b><i>Joint biodiversity-eutrophication session - i.e. linkages across themes</i></b> <b>J1 – 2h 30 min</b>	<b>Overall assessment and integration (possible sub-groups)</b> <b>P4 – 2 h 30 min</b>
Tea/coffee		
<b>Day 2</b> <b>16.45-</b> <b>18.00</b>	<b><i>Joint biodiversity-pollution(-eutrophication session) - i.e. linkages across themes</i></b> <b>J2 – 1h 15 min</b>	
<b>Day 3</b> <b>09.00-</b> <b>10.30</b>	Reporting back and summary of previous days, and discussion	
Tea/coffee		
<b>Day 3</b> <b>10.45-</b> <b>13.00</b>	Policy steer and overview discussion	
Lunch		
<b>Day 3</b> <b>14.00-</b> <b>15.00</b>	Conclusions	

