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<b>Document title</b>	User requirements of PLC data/data products/assessments
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<b>Agenda Item</b>	5 – Preliminary outline for the PLC-6 assessment
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## Background

PLC-6 7-2014 was of the view that it is important to identify the main target groups interested in PLC results and their main data needs. The meeting discussed possible expected needs and expectations of the main user groups and outlined some initial ideas (requirement analysis) as contained in this document.

## Actions

The Meeting is invited to take into account this information when discussing and elaborating the outline and main contents for the PLC-6 assessment.

## User requirements of PLC data/data products/assessments

Target Group	What do they require/expect	Which kind of information is needed to fulfil their request (what can we provide)	What kind of product/assessment can we provide to fulfil these requirements									
			MAI Assesment		CART Assesment		PLC periodic assessment		Assessments of waterborne and airborne hazardous substances emissions and inputs	Actual data	Modern PLC database (easy accessible data for making personal graphics)	HELCOM supporting services (web-site, Data&Map service, fact sheets ect.)
			Key messages&results	Detailed information	Key messages&results	Detailed information	Summary	Full report				
<b>HODs / Ministries in CPs</b>	Main pressures/sources What is the trend in national inputs? How far are we from reaching MAI? Has the CP fulfilled CART? Effects of measures, what is the importance of different sources? Potential effects of further measures on nutrient reduction? Cost of implementing measure	Trends Source apportionments Results of implemented measures Scenarios of changes in inputs as a result of implementation of measures	x		x		x					
<b>Decision makers (politicians)</b>	Needs for additional measures Where measures should be taken? How much would it cost? Expected results of additional measures Progress over time	Main/largest pollution sources (i.e. hot spots, phosphogypsum stacks) Source apportionment data Cost-efficiency of measures Effectiveness of measures taken Trend data	x		x		x					

<p><b>Civil servants in the Contracting Parties</b></p>	<p>Same as HOD</p> <p>More detailed data:</p> <ul style="list-style-type: none"> <li>- proportion of airborne, waterborne and transboundary inputs)</li> <li>- Inputs from different sources</li> <li>- Follow up of implementation, as well as effects of, Programmes of Measures</li> <li>- Input to EU reporting (WFD, MSFD, UWWTD, Nitrates Directive)</li> <li>- Information for comparing progress with other CPs</li> </ul>	<p>Source apportionment data</p> <p>Cost-efficiency of measures</p> <p>Effectiveness of measures taken</p> <p>Trend data</p> <p>Data sets, tables, graphs</p>	<p>X</p>	<p>X</p>	<p>X</p>				
<p><b>HELCOM Groups/ projects</b></p>	<p>Inputs to assessments (e.g. HOLAS II, CORESET II, core indicators, BSEFS)</p> <p>Input to monitoring manual and common guidelines (statistical methods and QA issues)</p> <p><u>STATE</u>: loads and trends, future prognosis</p> <p><u>PRESSURE</u>: source apportionment, effectiveness of measures (main pollution sources, incl. i.e. hotspots and phosphogypsum stacks)</p> <p><u>FISH and AGRI</u>: source apportionment data</p> <p><u>MARITIME</u>: Shipping emissions</p>	<ul style="list-style-type: none"> <li>- Average N, P heavy metal, and dioxins (airborne) inputs during x-x period</li> <li>- Trends in inputs</li> <li>-Prognosis, scenarios</li> <li>-Source apportionment</li> </ul>	<p>X</p>	<p>X</p>	<p>X</p>		<p>X</p>		
<p><b>Other Conventions/ International obligations</b></p> <p>(e.g. OSPAR, EEA, UN, Input to IMO, UNECE CLRTAP, Nordic Council of Ministers)</p>	<ol style="list-style-type: none"> <li>1. Input of regional assessment results to pan-European and global assessment</li> <li>2. Harmonized methodologies &amp; cooperation</li> </ol>	<p>Main assessment results (including indicator reports and fact sheets – also ship emission indicator being updated under MARITIME Group)</p> <p>Information about methodologies (e.g. PLC guidelines and statistical report etc)</p>	<p>X</p>	<p>X</p>	<p>X</p>				
<p><b>Transboundary river basin</b></p>	<p>Information about nutrient reduction scheme</p>	<p>Transboundary inputs</p>		<p>X</p>	<p>X</p>				

<b>commissions</b>	Source apportionment	Source apportionment									
<b>NGO's and consultancies</b>	Everything (details, including methodology, uncertainty information, consistency)	All assessment results									
	<u>Basic source apportionment</u>  Want to score CP commitment to implementation of agreed actions	Information about methodologies and uncertainty  Actual data		x		x	x		x		
<b>Foundations and funding agencies</b>	Main pollution sources, source apportionment,	Main/largest pollution sources (i.e. hot spots, phosphogypsum stacks)									
	Effectiveness and cost of measures	Source apportionment data									
		Cost-efficiency of measures	x		x		x				
		Effectiveness of measures taken									
		Trend data Comparison between countries									
<b>Scientific Community</b>	Raw data (long term time series)	Detailed assessment Raw data sets									
	<u>Basic source apportionment</u>  Also all details, including methodology, uncertainty information, consistency	Any kind of information that ensures scientific acceptance of HELCOM PLC results (information about methodology, uncertainty, consistency, QA)		x		x		x	x	x	
<b>Journalists and press officers</b>	Politically hot topics, easily digestible messages, data behind assessment product (Excel files)	Main pollution sources									
		Trends									
		Effectiveness of measures									
		Costs of measures	x		x		x		x	x	x
		Data quality Future scenarios									

<p><b>The "public"</b></p>	<p>Local information about inputs and sources,                      general information about progress,                      implementation of measures  <u>basic source apportionments</u>                      Effective use of taxpayers money</p>	<p>Source apportionment,                      Main pollution sources,                      Trends                      Effectiveness of measures taken</p>	<p>x</p>	<p>x</p>	<p>x</p>			<p>x</p>	<p>x</p>
<p><b>Others, incl. educational institutes (schools, museums etc.)</b></p>	<p>Introduction to the problem,                      Main priorities                      Trends                      Data, Datasets via Map and Data service                      Also all details, including methodology,                      uncertainty information, consistency</p>	<p>Trends                      Source apportionment                      General data products</p>	<p>x</p>	<p>x</p>	<p>x</p>				<p>x</p>