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<b>Document title</b>	Progress of HELCOM PLC-5.5 project
<b>Code</b>	2-1
<b>Category</b>	CMNT
<b>Agenda Item</b>	2 - Information by Secretariat, Project Manager and Contracting Parties
<b>Submission date</b>	13.5.2014
<b>Submitted by</b>	Secretariat and Project Manager

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### Background

The project for updating the Fifth Baltic Sea Pollution Load Compilation for the 2013 HELCOM Ministerial meeting (HELCOM PLC-5.5) provides data on waterborne and airborne inputs of nutrients to the Baltic Sea up to 2010, including filling in data gaps, quality assuring/correcting former reported data to obtain a complete, consistent dataset of waterborne nutrient loads 1994-2010 and of airborne deposition 1995-2010. The data compiled by the project were used for calculating revised HELCOM Baltic Sea Action Plan (BSAP) maximum allowable inputs (MAI) of nutrients as well as new country-wise allocated reduction targets (CART) which were adopted by the 2013 HELCOM Copenhagen Ministerial Meeting.

The main project results were presented to the 2013 HELCOM Ministerial Meeting as a [supporting document](#) and subsequently published in the HELCOM Baltic Environment Proceedings series as BSEP No. 141: [Review of the fifth Baltic Sea pollution load compilation for the 2013 Ministerial Meeting](#). The PLC-5.5 dataset (actual, not normalized inputs) as well as documentation on how a complete PLC-5.5 dataset was obtained is accessible via the [HELCOM website](#).

HELCOM LOAD 7-2014 considered the progress with implementation of the PLC-5.5 project and supported the proposal to finalize the PLC-5.5 project as soon as possible to allow for focusing of efforts on the development of a core pressure input indicator and a follow-up system of the Baltic Sea Action Plan CART. The meeting agreed that the PLC-5.5 report should therefore:

- be based mainly on graphs and figures with most of the additional text included in the introduction and conclusion sections
- not include a section on evaluating progress towards MAI and CART, but include detailed results of trend analysis (1994-2010), and comparison of normalized input during 2008-2010 with the reference period 1997-2003

A draft of the PLC-5.5 project report, including graphs, tables and figures will be submitted as a separate Meeting document.

This document contains the following attachments:

- List of project contacts (Annex 1)
- The roadmap for implementation of the project (Annex 2)

LOAD 7-2014 also agreed that the final PLC-5.5 report should be submitted to HOD 46-2014 in September 2014, after having been circulated to LOAD and MONAS contacts for endorsement by correspondence during the summer of 2014.

Required action

The Meeting is invited to:

- take note of the progress of the PLC-5.5 project
- updated the list of project contacts as necessary, and
- take into account the Roadmap when finalizing the project work.

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## Attachment 1 – List of project contacts

### **The Project Manager:**

Mr. Lars M. Svendsen, Denmark.

### **Members of the Project Group:**

Denmark: Mr. Lars M. Svendsen and Ms. Susanne Boutrup

Estonia: Mr. Peeter Ennet and Mr. Rene Reisner

Finland: Mr. Seppo Knuuttila and Ms. Tuija Ruoho-Airola

Germany: Dietmar Koch (from June 2013) Mr. Jakob Frommer and Ms. Wera Leujak

Latvia: *To be nominated*

Lithuania: Mr. Svajunas Plunge

Poland: Mr. Waldemar Jarosinski, Ms. Anna Robak-Bakierowska, Ms. Paulina Orlinska, and Mr. Pawel Wilk

Russia: Mr. Sergey Kondratyev, Ms. Larisa Makarova and Ms. Natalia Oblomkova

Sweden: Mr. Lars Sonesten

PLC Data Consultant: Mr. Pekka Kotilainen, SYKE

Baltic Nest Institute (BNI), Sweden: Mr. Bo Gustafsson

EMEP: Mr. Jerzy Bartnicki

Secretariat: Mr. Mikhail Durkin and Ms. Minna Pyhälä

### **Quality assurance (QA) experts for PLC-5.5:**

Denmark: Ms. Susanne Boutrup

Finland: Ms. Mirja Leivuori

Sweden: Mr. Lars Sonesten

### **Members of the LOAD Core Group:**

Mr. Lars Svendsen, Denmark, Mr. Seppo Knuuttila, Finland, Mr. Bo Gustafsson, BNI-Sweden, Mr. Mikhail Durkin, HELCOM Secretariat, and Ms. Minna Pyhälä, HELCOM Secretariat.

## Annex 2 - Roadmap for implementing the PLC-5.5 project (Last updated 15 May 2014)

<b>Deadline/Meeting</b>	<b>Task</b>	<b>Responsible</b>
No later than 12 March 2012	Missing data 2009-2010 should be reported to data consultant (2009-2010 data still missing after 12 March 2012 will be estimated and filled by the LOAD Core Group/PLC 5.5 project)	Contracting Parties
15-16 March 2012 LOAD Core Group meeting	Check status of data for PLC-5.5	LOAD Core Group
11-13 April 2012 HELCOM MONAS 16/2012	Presentation of status on data delivery, updating and quality assurance	Data Consultant
As soon as possible and not later than 25 April 2012	Contracting Parties to report corrections and missing data for 1994-2008, including description of applied methodology and how to deal with missing data	Contracting Parties
25 April 2012	Elaboration of proposal for figures, maps, tables and extended draft of outline and proposal for distribution of work load will be submitted to the project group	Project Manager
2-3 May 2012 PLC-5.5 Project group meeting	Discussion on proposals for figures, tables, extended draft outline, division of workload etc.	Project Group
10 May 2012	Data Consultant to send compilation tables of 1994-2010 data to CPs for checking	Data Consultant
16 May 2012	Data on aggregated loads from industry will be submitted to the PLC data consultant	Russia
31 May 2012	<ol style="list-style-type: none"> <li>Contracting Parties to provide corrections and missing data on 1994-2010 data</li> <li>Contracting Parties to provide information on national data and/or studies on importance of atmospheric phosphorus inputs to the Baltic Sea</li> </ol>	Contracting Parties
June-September 2012	<ol style="list-style-type: none"> <li>Make draft calculations, figures, maps, tables and quality assurance – there may be a need to contact CP's for clarification or uncertainties (project manager and Secretariat to send additional data requests to CP's before holidays, with input requested before LOAD meeting)</li> <li>Draft of chapters on methodologies, quality assurance, source apportionment</li> </ol>	Data Consultant, supported by Project Manager
18-19 June 2012 LOAD Core Group meeting	Discussion of e.g. status, progress and open questions to discuss and solve related to PLC-5.5	LOAD CORE Group
June/early July 2012	Updated PLC dataset to be provided to BNI for first iterations of MAI/CART calculations	Data Consultant
Before 15 August 2012	EMEP to provide the PLC5.5 project with the agreed data, calculations and figures including blame matrixes of airborne deposition – also submitted to BNI for MAI/CART calculations	EMEP MSC-West
29-31 August 2012 (HELCOM LOAD 4/2012)	Discussion on status of project PLC data and progress with project implementation	HELCOM LOAD
25-28 September 2012 (HELCOM MONAS 17/2012)	Discussion on status of project PLC data and progress with project implementation	HELCOM MONAS
End of September 2012	Final approval of dataset used for the PLC5.5 assessment	LOAD Core Group
Late November 2012 – early July 2013	Normalization, trend analysis, final calculations. Draft of the whole report is elaborated including all figures, maps, tables, writing, etc. – LOAD Core Group to meet once or twice in this period.	LOAD Core Group and Project Manager
7-8 November 2012	PLC-5.5 Project Group meeting to consider draft tables and figures and for some chapters of the PLC 5.5 report	PLC-5.5 project members, Contracting Parties, LOAD core group

8-9 November 2012 (LOAD Core Group Meeting)	LOAD Core Group meeting to consider draft tables and figures and for some chapters of the PLC 5.5 report LOAD CORE Group to assess and fill in missing data/data gaps	LOAD Core Group
15 November 2012	Last possibility for Contracting Parties to submit corrections/missing data	Contracting Parties
22 November 2012	Final updated PLC-5.5. dataset forwarded from data consultant to LOAD CORE Group and BNI	Data Consultant
Late November 2012- 20 December 2012	PLC-5.5 dataset used for initial calculation of new country allocated reduction targets for the MAI and CART workshop 14.- 15. January 2013	BNI assisted by LOAD CORE Group
16-17 January 2013	3 <sup>rd</sup> PLC-5.5. project group meeting to discuss draft of most figures and tables and text to most parts of chapter 1, 2, 3	PLC-5.5 project members, LOAD Core group
7-8 February 2013	LOAD Core Group to discuss progress with the report and to finalize the PLC-5.5 dataset	LOAD Core group
12-14 March 2013	LOAD 5 to discuss and comment on available draft chapters of the PLC-5.5 report Outline of summary report to be presented for LOAD 5	LOAD
22-25 April 2013	MONAS 18 to discuss and comment on the available draft parts of the PLC-5.5 report Outline of summary report to be presented to MONAS 18	MONAS
16-17 May 2013	4 <sup>th</sup> PLC-5.5 project group meeting for discussing a full draft PLC-5.5 report and draft sections of the brief summary report	PLC-5.5 project members, LOAD Core group
May-early June 2013	Elaborate PLC-5.5 draft report taking into account comments from LOAD 5, MONAS18 and PLC-5.5 4 Prepare a first draft Executive Summary of the PLC-5.5 report, including the status regarding fulfilling BSAP reduction targets, which will be presented to the 2013 Ministerial Meeting	Project manager and LOAD Core Group
June 2013	HELCOM HOD to take note of the draft of the draft PLC-5.5 report Executive Summary	HOD
June-August 2013	Further elaboration of the PLC-5.5 draft report and its Executive Summary	Project manager and LOAD Core Group
21-23 August 2013	LOAD 6 to scrutinize, comment and endorse draft executive summary	LOAD
Early September 2013	Extended summary report approved by HOD 42/2013	HOD
September 2013	Final updates and linguistic check/editing of the PLC-5.5 Extended Summary Extended summary report to be submitted for HELCOM Ministerial meeting	Language editor, Project manager and Secretariat
October 2013	Presentation of Extended summary report for HELCOM Ministerial meeting.	HELCOM Ministerial meeting, Secretariat
21-22 October 2013	5 <sup>th</sup> workshop of the PLC-5.5 project to scrutinize the further developed PLC-5.5 report	PLC-5.5 project members, LOAD Core group
December 2013	Publication of the <a href="#">Review of the fifth Baltic Sea pollution load compilation for the 2013 Ministerial Meeting</a> as BSEP 141	Secretariat
October 2013 - May 2014	Drafting of contents (figures and tables) of the complete PLC-5.5 project report	Project manager and Secretariat
22-23 May 2014	6 <sup>th</sup> workshop of the PLC-5.5 project to write the introduction and conclusions of the report, and in general complete the report	PLC-5.5 project members
June 2014	Finalizing of the PLC-5.5 report	PLC-5.5 project members
July 2014	Review and commenting of the PLC-5.5 report by LOAD and MONAS contacts	LOAD and MONAS
Mid-August 2014	Final report to be submitted to HOD 46-2014	Secretariat and Project Manager
16-17 September	HOD 46-2014 to approval report for publication	HOD
September-October 2014	Final editing and publication of PLC-5.5 report	Secretariat and project manager