



Document title	Updated division of tasks and timetable in the implementation plan of the HELCOM MAI-CART OPER project
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Category	CMNT
Agenda Item	4 – Matters arising from the HELCOM Groups
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Submitted by	Executive Secretary
Reference	

Background

The draft implementation plan of the Operationalization of the nutrient reduction scheme follow-up system project (MAI CART OPER) was submitted to HOD 49-2015 (Attachment 3 of document 4-11).

The first Workshop of the Project Operationalization of the nutrient reduction scheme follow-up system (MAI CART OPER) was held at the premises of Stockholm University in Stockholm, Sweden, on 1 December 2015. The Workshop was focused on elaboration of the procedures and technical solutions for operationalization of MAI and CART assessment while ensuring the involvement of Contracting Parties in the assessments and making the assessment data accessible. The workshop was attended by representatives of Denmark, Finland, Germany and Sweden as well the HELCOM Observer Coalition Clean Baltic (CCB).

The document contains updated division of project tasks, specific deliverables and timetable based on the discussion at the workshop. **It substitutes Attachment 2 of Attachment 3 of document 4-11.**

Please refer to document 4-11 regarding the required action from the Meeting.

Updated Attachment 2 to Attachment 3 of document 4-11: Descriptions and division of tasks in MAI-CART OPER project

Work package	Task	Specification	Responsible	Deliverables
WP1: Project management	1.1 Reporting	Regular reporting of the progress to the RedCore DG and Pressure	DCE+BNI	Progress report at the Pressure group meetings
	1.2 Organization of the workshop	Technical and methodological solutions for architecture of the follow up system	DCE+BNI	
	1.3 Project meetings	Bi-monthly electronic meetings	DCE+BNI	
WP2: Preparation of assessment data set	2.1 Develop queries to the PLC database	Develop queries to extract waterborne inputs in adequate format from PLC database	BNI	Tools to simplify and quality assure updates of complete assessment waterborne input data. Extraction of data sets for national approval (Workspace on HELCOM web resource will used).
	2.2 Develop supporting tool for filling gaps in waterborne inputs	A simple tool that documents revision history of the gap filling procedure	BNI	
	2.3 Module for establishing a data set of annual net input of N and P	Develop a program module that compiles waterborne, transboundary and airborne inputs into a comprehensive dataset. Performing also flow normalization.	BNI+DCE	Module for compilation of assessment data set.
	2.4 Module for statistical evaluations of trends and fulfilment	Create a new or alternatively modify existing program module that performs the necessary statistical analyses	DCE	Module for statistical analyses
WP3: Assessment production	3.1 Module for time-series graphics and tables outputs	Create a program module that produces the graphical outputs necessary for evaluation of trends	BNI	Module for user-friendly time-series outputs
	3.2 Module for assessment graphics production	Create a program module that produces the graphics and tables outputs needed for publication of updated assessments	BNI	Module for assessment graphics/table production
	3.3 Integrate modules into software tool	The modules are integrated so that they can be used in a single context of a software tool	BNI+DCE	Assessment tool
WP4: Implementation, integration and documentation	4 Documentation	Technical documentation will be produced	BNI+DCE	Technical documentation

Timetable of MAI-CART OPER project

WP	Task	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	may-16	Jun-16	Jul-16	Aug-16	Sep-16	oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	
1	1.1 Reporting to PRESSURE																		
1	1.2 Start up workshop																		
1	1.3 Project team meeting (SKYPE)																		
2	2.1 Develop queries to the PLC databases																		
2	2.2 Develop supporting tool for filling gaps in waterborne inputs																		
2	2.3 Module for establishing a data set of annual net input of N and P																		
2	2.4 Module for statistical evaluations of trends and fulfilment																		
3	3.1 Module for time-series graphics and tables outputs																		
3	3.2 Module for assessment graphics production																		
3	3.3 Integrate modules into software tool																		
4	Documentation																		