



Document title	Status of the 2018 annual PLC data reporting and spatial data verification
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Background

The reporting of annual data for 2018 started by circulating the annual reporting templates at the end of August 2019. The Contracting Parties were invited to verify the pre-filled templates by 21 September and complete the reporting by 31 October 2019. In addition, [PLC-7 IG 7-2019](#) agreed that spatial data are to be verified simultaneously to annual PLC-data reporting procedure, and national spatial datasets were made available at the [PLC-7 workspace](#) at the HELCOM Meeting Portal. The information provided by the reporting templates should match the information in the spatial data. PLC-7 IG 7-2019 also agreed that the retention of transboundary load in the downstream country should be reported annually as a mandatory parameter.

This document describes the status of reporting and verification of the 2018 annual data.

Action requested

The Meeting is invited:

- to consider the status of 2018 annual data reporting;
- to check missing national data and inform the Meeting of the reason for that and whether the data will be available; and if the data will be available, when to expect it;
- to verify and approve the data with no quality check;
- to inform when the countries which have not yet accomplished the reporting will finalize it;
- to consider the status of the verification of spatial data and to discuss when the verification will be accomplished and what are the obstacles hindering the verification.

Status of 2018 annual reporting

The reporting process for 2018 started with the distribution of reporting templates and spatial data sets at the end of August. After the verification of the template and spatial data, the Contracting Parties could proceed with the reporting.

The following Contracting Parties have started the reporting by inserting data to PLUS: Germany, Estonia, Lithuania, Latvia, Russia and Sweden. Updates or corrections to spatial data were provided by Estonia and Latvia. (Table 1)

Contracting Party	Template verified	Uploaded	Inserted	Provided updates to spatial data
DE	x	x	x	
DK				
EE	x	x	x	x
FI				
LT	x	x	x	
LV	x	x	x	x
PL				
RU	x	x	x	
SE	x	x	x	

Table 1 Overall status of 2018 reporting

Reported data by Contracting Party

Table 2 represents reported data by country and source for three parameters: flow, Ntot and Ptot. For aquaculture the flow is not included. 'Reported sites' indicates number of sites reported per source. 'Reported info' indicates reported data on Flow, Ntot and Ptot of these sites. 'Missing info' indicates data (Flow, Ntot and Ptot) that is missing from reported sites. Last five columns indicate the approval status of data.

Country	Source	Reported sites	Reported info (flow,ntot,ptot)	Missing info (flow,ntot,ptot)	No QA check	Corrected	Questionable	Accepted / approved
Germany	Subcatchment	26	78	0	0	0	0	78
	Direct MWWTP	18	54	0	12	0	2	40
	Dir industry	2	6	0	0	0	0	6
	Dir aquaculture							
	Transboundary							
Estonia	Subcatchment	18	51	3	0	0	2	49
	Direct MWWTP	15	45	0	24	0	0	21
	Dir industry	1	3	0	0	0	0	3
	Dir aquaculture							
	Transboundary	5	15	0	6	0	0	9
Finland	Subcatchment							
	Direct MWWTP							
	Dir industry							
	Dir aquaculture							
	Transboundary							
Lithuania	Subcatchment	4	12	0	0	0	0	12
	Direct MWWTP	10	28	2	0	0	0	28
	Dir industry	11	23	10	0	0	0	23
	Dir aquaculture							
	Transboundary	6	18	0	0	0	0	18
Latvia	Subcatchment	13	39	0	0	0	0	39
	Direct MWWTP	6	18	0	0	0	0	18
	Dir industry	6	12	6	0	0	0	12
	Dir aquaculture							
	Transboundary	3	9	0	9	0	0	0
Poland	Subcatchment							
	Direct MWWTP							
	Dir industry							
	Dir aquaculture							
	Transboundary							
Russia	Subcatchment	7	19	2	7	0	0	12
	Direct MWWTP	14	41	1	7	0	1	33
	Dir industry	2	6	0	2	0	1	3
	Dir aquaculture							
	Transboundary	1	3	0	3	0	0	0
Sweden	Subcatchment	42	126	0	0	0	0	126
	Direct MWWTP	108	321	3	165	0	0	156
	Dir industry	56	111	57	47	0	0	64
	Dir aquaculture	13	26	0	2	0	0	24
	Transboundary	1	3	0	0	0	0	3
Denmark	Subcatchment							
	Direct MWWTP							
	Dir industry							
	Dir aquaculture							
	Transboundary							

Table 2 Reported data by country

Reporting of retention was agreed to be mandatory for transboundary rivers, but in 2018 reporting the only reported retention was for Belarussian part of Nemunas.

Spatial data

According to the decision by PLC-7 IG 7-2019, the spatial data is also to be verified annually simultaneously to the templates, and the information in the spatial data **should match** the information in the reporting template. In other words, the spatial data should have the same values regarding areas as in the background information of the annual reporting template.

As indicated by the [comparison](#) of areas done for PLC-7 IG 7-2019, the area differs more than 1 percent for one third of the sub-catchments. As indicated in Table 1, so far only Estonia and Latvia have provided corrections to the spatial data, which means that most of the differences between spatial and database data, are still existing.