



Update on Commission proposals relating to emissions to water

Caroline Whalley / WISE-1 reporter webinar / 5th October 2023

European Environment Agency



Proposals for EU water legislation related to emissions to water

- Proposed revisions to [Industrial Emissions Directive](#) and EPRTTR → [Industrial Emissions Portal](#)
- [Proposed revision](#) to Urban Waste Water Treatment Directive (UWWTD)
- [Proposed revision](#) to Water Framework Directive / Environmental Quality Standards Directive / Groundwater Directive (WFD / EQSD / GWD)



Estimating emissions to water

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Emissions reported over many years, but how much does Europe emit to water?

No. Member States for which data available for emissions of 15 Priority Substances most frequently causing failure of good chemical status

Pollutant	Source or pathway		
	Industry	UWWTP	Diffuse sources
Cadmium	24	22	8
Lead	26	22	9
Mercury	22	23	8
Nickel	26	26	9
Anthracene	9	9	7
Benzo(a)pyrene	7	4	5
Benzo(b)fluoranthene	5	2	3
Benzo(k)fluoranthene	5	2	3
Indeno(1,2,3-cd)-pyrene	5	2	3
Benzo(g,h,i)perylene	9	7	2
Fluoranthene	14	11	6
4-Nonylphenol	11	16	5
DEHP	14	17	5
pBDEs	3	3	4
Tributyltin-cation	5	3	2
Isoproturon	7	3	5
HCH	6	4	3

■ 14 or more Member States reporting

■ Between 7 and 14 Member States reporting

■ Fewer than 7 Member States reporting

[EEA, 2018](#)

Reporting via one or more of:
EPRTTR, WISE-1, WFD (2010)

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ETC-ICM task to develop simplified approach to emissions calculations

ETC/ICM Report 3/2022

Calculating emissions to water –
a simplified method



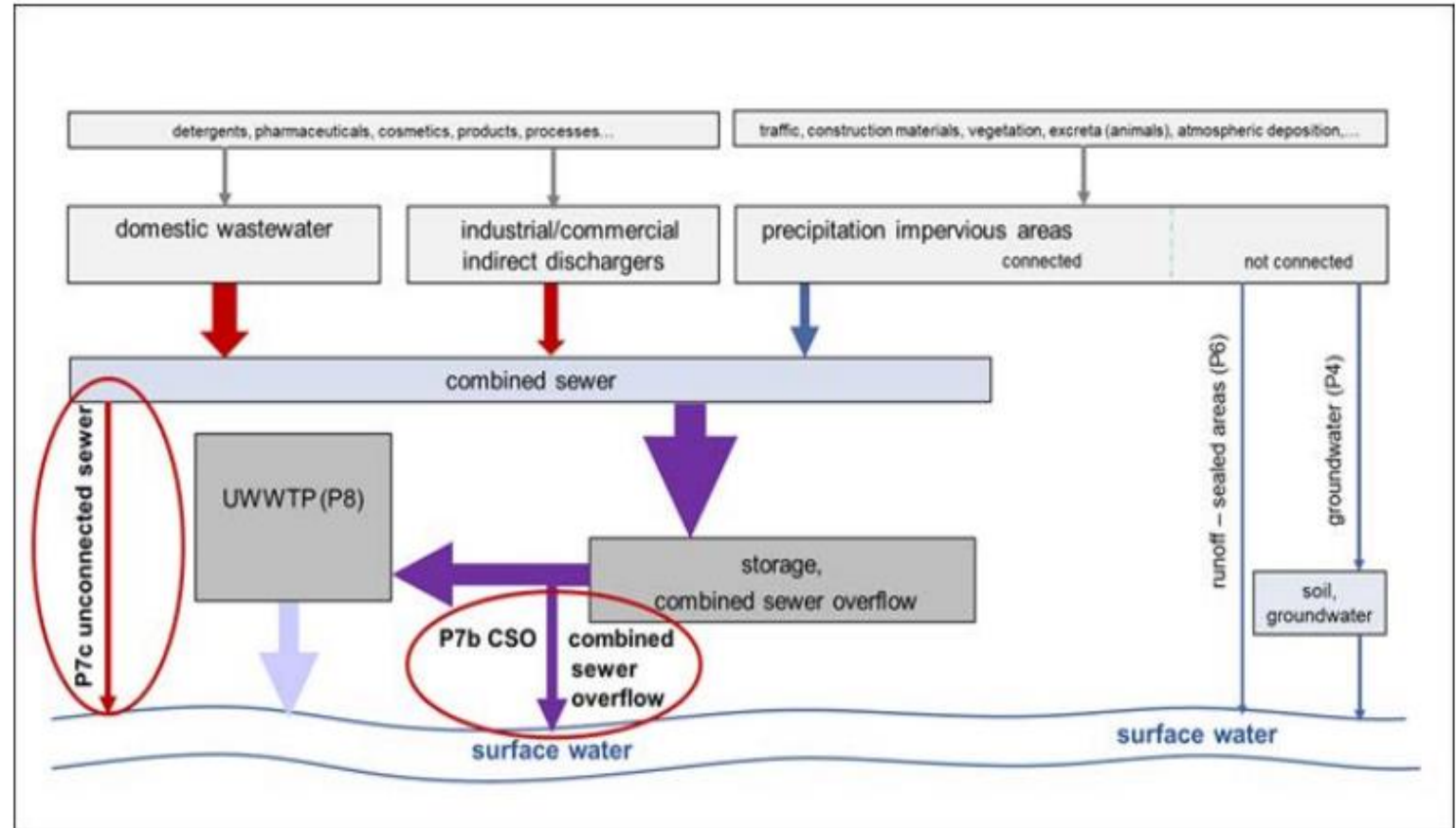
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- Uses emission pathways set out under WFD e.g. P7 emissions to surface waters via combined sewer systems



ETC-ICM, 2022

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Testing the approach

- Eventual aim is to get approximate estimate for emissions to water of selected pollutants, at European level
- Early stages : As a first step emissions will be calculated on country level
- Estimates won't be accurate, but should inform on reported orders of magnitude
- ETC HE starting with calculating emissions from UWWTPs using methodology from ETC ICM 1/2022
- WFD inventory reporting should provide another comparator
- In due course, will ask countries to review outputs



Questions, discussion?



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