

# Improving Emissions to Water Data

Austria

## What is your experience with the reporting for the 2nd Water Framework Directive (WFD) River Basin Management Plan (RBMP)?

- Reporting of relevance at RBD scale (relevanceRBDscale) required for all PS. Also if PS were not relevant, loads (inputTotalValue) had to be reported?
- No guidance concerning the methodology for calculation of loads and further interpretation of data was provided, e.g. how to consider concentration data below LOQ? Directive 2009/90/EC is not applicable.
- Tier 2 Emissions inventory: calculation of diffuse emissions by subtracting direct discharges from riverine load. Frequently surface water monitoring data is below LOQ but measurements in e.g. wastewater are higher than LOD => for PBDE the results are negative diffuse emissions as the riverine load equals zero, whereas the discharge is a positive number.

## What are your plans and needs for reporting of emission for the 3rd WFD RBMP?

### Plans:

- Pathway oriented approach applied for nutrients, metals, PBDE, PAH, PFOS and tributyltin compounds:  
[https://www.bmlrt.gv.at/wasser/wasserqualitaet/fluesse\\_seen/stobimospurenstoffe.html](https://www.bmlrt.gv.at/wasser/wasserqualitaet/fluesse_seen/stobimospurenstoffe.html).
- Basis for reporting of emissions / Inventory of emissions.

### Needs:

- Data to close knowledge gaps.
- Harmonised methodology for the calculation of emission/ riverrine loads in order to ensure comparability of reported emission inventories (e.g. handling of below LOQ,...).

## Do you have specific information or data you want to share to the group or items to discuss?

Emissions inventory for nutrients and uPBT substances:

[https://www.bmlrt.gv.at/wasser/wasserqualitaet/fluesse\\_seen/stobimo-spurenstoffe.html](https://www.bmlrt.gv.at/wasser/wasserqualitaet/fluesse_seen/stobimo-spurenstoffe.html).

⇒ Measured data available for several sources/emission pathways (atmospheric deposition, stormwater overflows, erosion, etc.).

⇒ <https://www.sciencedirect.com/science/article/pii/S0301479718312088>

⇒ If interested, a summary presentation of the available data, the methodology and the results could be provided.