

Für Mensch & Umwelt

Umwelt 
Bundesamt

Emission inventory (WDF; EQS-Directive) - Germany

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Experience 2nd WDF RBMP reporting

1st Inventory of emissions, discharges and losses of priority substances

- 1st focus: point source loads (uwwt plants and industrial plants)
 - identified lack of reliable data
 - started a small monitoring programm (uwwtps) to derive german-wide emission factors
- Challenge: Pathway specific quantification of diffuse emissions
 - Used pathway oriented model (MoRE)
 - Hg, Ni, Pb, Cd, PAH₁₆ (almost all relevant diffuse pathways)
 - DEHP, Nonylphenol (only for single diffuse pathways)

Plans and needs for 3rd WDF RBMP reporting

2nd Inventory of emissions, discharges and losses of priority substances

- initiated uwwtp monitoring (49 plants); aim: german-wide mean concentrations / emission factors
 - Derived emission factors for 11 EQS-Directive pollutants
 - Calculated loads (uwwtps)
- Pathway oriented modelling: four metalls, PAHs
- Needs:
 - Information on industrial dischargers (< PRTR facilities)
 - Environmetal monitoring data (to calculate diffuse loads)

Information to share/discuss

- Experience in calculating loads for uwwtps
 - Monitoring concept uwwtps
 - Mean concentrations/emission factors for several pollutants
- Experience and results regarding modelling activities (metalls, PAH, ...)
 - Methods used (pathway specific)
 - Models used
 - Input data used
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Thank you

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