



EUROPEAN
REGIONAL
DEVELOPMENT
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HAZBREF



HAZBREF Project

Work Package 2: Selection of target substances

13.02.2018

WP2 – Selection of target substances

- **WP leader German Environmental Agency (UBA)**
- **Activity 2.1: *Selection of target substances (activity leader UBA)***
- **Activity 2.2: *Fate of substances during emission treatment (activity leader Swedish EPA)***
- SYKE will take part in both activities

Activity 2.1 - Selection of target substances

- Will identify hazardous substances relevant for each IED industrial sectors & which should be considered in BREF review process
- Based on **use pattern analysis**
- Focus will be on industrial chemicals listed under the
 - REACH regulation: SVHC candidate list (181 chemicals), authorization (43 chemicals, Annex XIV) & restriction list (Annex XVII)
 - WFD priority substances (53 substances)
 - EU POP-regulation (28 chemicals),
 - EPRTR (91 substances),
 - CMR IA & IB (\approx 1 100 chemicals),
 - “Non-EU chemical lists”
 - HELCOM Baltic Sea Action Plan (11 chemicals),
 - SIN list from ChemSec (> 900 chemicals),
 - NORMAN

Overlapping

Activity 2.2

Fate of substances during emission treatment (only waste water)

- Not all substances in industrial process that goes to waste water are relevant to be included in BREFs. For example substances that degrade in waste water treatment plant (WWTP) are probably no risk for the environment and the Baltic Sea.
- Literature review
- Information reviewed at the case installations (WP 4)

Outputs

- Hazardous substances relevant for IED industrial sectors
 - report and an electronic tool

- For selected industrial chemicals: information on fate in typical waste water treatment indicating how big fraction will
 - degrade during waste water treatment
 - end up to aquatic environment
 - end up to air via volatilizing
 - end up to WWTP sludge during waste water treatment

Target Groups

- EIPPCB & corresponding TWGs to identify relevant hazardous substances and recommended reduction measures to be considered in review of respective BREFs
- ECHA to consider in REACH processes (authorization, restrictions, improvement of data quality in registration dossier)
- Industrial branch associations, companies to consider in their daily operational practice & when IED permits are reconsidered or updated
- Permitting authorities & authorities responsible for REACH enforcement



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