

## HAZBREF: Hazardous Chemicals in the IED BREFs WP 2: Identification of Target Substances



## **Objective of WP 2:**

To develop a systematic approach to identify the hazardous substances relevant for each IED industrial sectors and which should be considered in the review process of the BREFs

Collaborators of WP 2:
Umweltbundesamt (UBA)
Swedish EPA (SEPA)
Finnish Environment Institute (SYKE)

Current task: apply criteria to chemical databases and select potentially relevant substances

**Exposure and Use Criteria:** 

High tonnage, widespread use in selected chemical processes, use categories, environmental release scenarios, exposure modelling, monitoring data, ...



"potential to be released"

**Hazard Criteria:** 

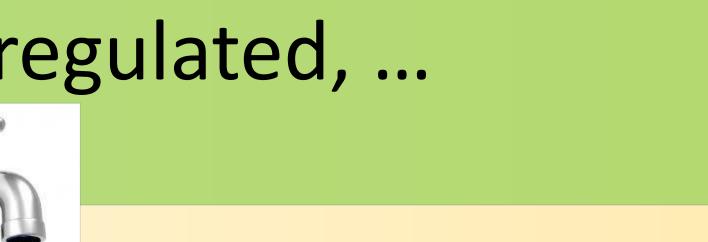
Persistence (P/vP), bioaccumulation (B/vB), environmental toxicity (T) & human health (CMR), endocrine disruption (ED), ...



"potentially hazardous"

Flagging Criteria:

Substances are already in the focus of the IED, data are insufficient, substances are sufficiently (?) or strictly regulated, ...



Substances potentially relevant for BREFs = Target Substances → link to WP 3.2 & WP 4.3

Questions to Stakeholders:

- How do you identify and handle hazardous chemicals in industrial processes?
- How fast can you replace hazardous substances in your processes?

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