

A teamed up approach





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Capturing a complex reality



- Mobility-based concerns: a result of a combination of a number of factors
 - Persistency / degradation in environmental compartments
 - Mobility in different media
 - Interaction between media
 - Toxicity
- Not possible to capture all factors within "simple" numerical criteria
 - Over simplification of reality
 - False positives and negatives
- Numerical criteria = screening criteria = starting point
 - Identification of chemicals for further analysis
- In depth analysis
 - Case by case
 - What are real threats
 - Map options for action (if needed)

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The groundwater watch list concept



Identify substances with high (theoretical) potential to reach groundwater

- Substance phys-chem properties (mobility & persistency)
- Use pattern
- Pathway

Filter out those of most concern

- Long term human health hazards
- Environmental hazards

Collect monitoring data

- Existing
- New
- Assess findings in groundwater
- Identify relevant findings
- Findings wide spread or not

Identify need for regulatory follow up

Risks associated with findings

Regulatory follow up

Set EU-wide or national targets

EU-wide or national measures to reduce emissions

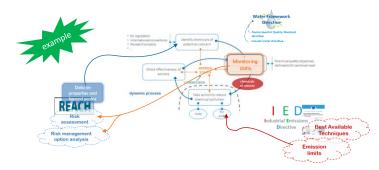
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Smart regulatory cooperation





- Chemicals and water: a regulatory puzzle
- · Non-silo approach will be most effective
 - Case by case
 - Emission patterns
 - Emission sources
 - ...
- Prevent shortcutting of regulatory action



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Outlook





Industry and authorities to increase their efforts in improving the quality of registration dossiers

 $https://www.echa.europa.eu/documents/10162/23821863/jointstatement_cefic_signed.pdf/396578c6-e651-e023-0d3a-b7224e42d21f$



Work together to build a solid and workable framework to assess (potential) concerns

- Screening criteria
- Key elements in depth analysis
- Fit for purpose risk management measures
- Running project
 http://www.ecetoc.org/taskforce/persistent-chemicals-and-water-resources-protection/

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