HAZBREF

Hazardous Industrial Chemicals in the IED BREFs

Budget and Timeline

- 2 M€ in total. Funding from Interreg Baltic Sea Region
- October 2017 – September 2020
- Next important milestone: Tallinn Stakeholder Conference 21-22 May 2019
- Final Conference: Berlin in summer 2020?

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Background of HAZBREF

- Industrial Emissions Directive (IED) is the main instrument on EU level to control industrial releases
  - o particularly BAT reference documents (BREFs) for different industrial sectors
- Main policy strategies and regulatory frameworks refer to the IED concerning reduction regulations of emissions from industry
  - o BREFs have not always contained comprehensive information on hazardous substances and industrial chemicals and their abatement measures,
  - o Difficult for permitting authorities or industries to manage issues related to hazardous chemicals
  - o However, recent progress in latest BREF reviews (EIPPCB-ECHA collaboration, KEI study)

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General Objective

- **Increased understanding** of links between different chemical regulatory frameworks (IED-REACH-WFD-HELCOM)

- **Increased knowledge** of hazardous chemicals indicated in REACH and other legislative frameworks with regard to their relevance concerning
  - o emissions from different industrial processes
  - o options for measures

- **Identification** of relevant hazardous chemicals, their characteristics, use patterns and potential abatement measures in selected industrial sectors covered by the IED

➡ **Systematic methodology and background information** for the inclusion of hazardous substances in the review work of BREFs

➡ **Improved [risk] management** of hazardous substances and industrial chemicals

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Specific Objective for end users

The results of HAZBREF will contribute to:

- **Improved consideration** of hazardous substances and chemicals **in BREFs**
- **Clarity of requirements** on chemicals in REACH and IED, link to WFD priority substances
- Improved consideration of hazardous chemicals in environmental **permits and supervision** by local authorities
- Support for identification and management of hazardous chemicals for **installations**

Work Packages

WP1 – Project management and administration (SYKE)
- Coordination and communication

WP2 – Identification of target substances (UBA)

2.1 Selection of target substances

2.2 Fate of substances during emission treatment

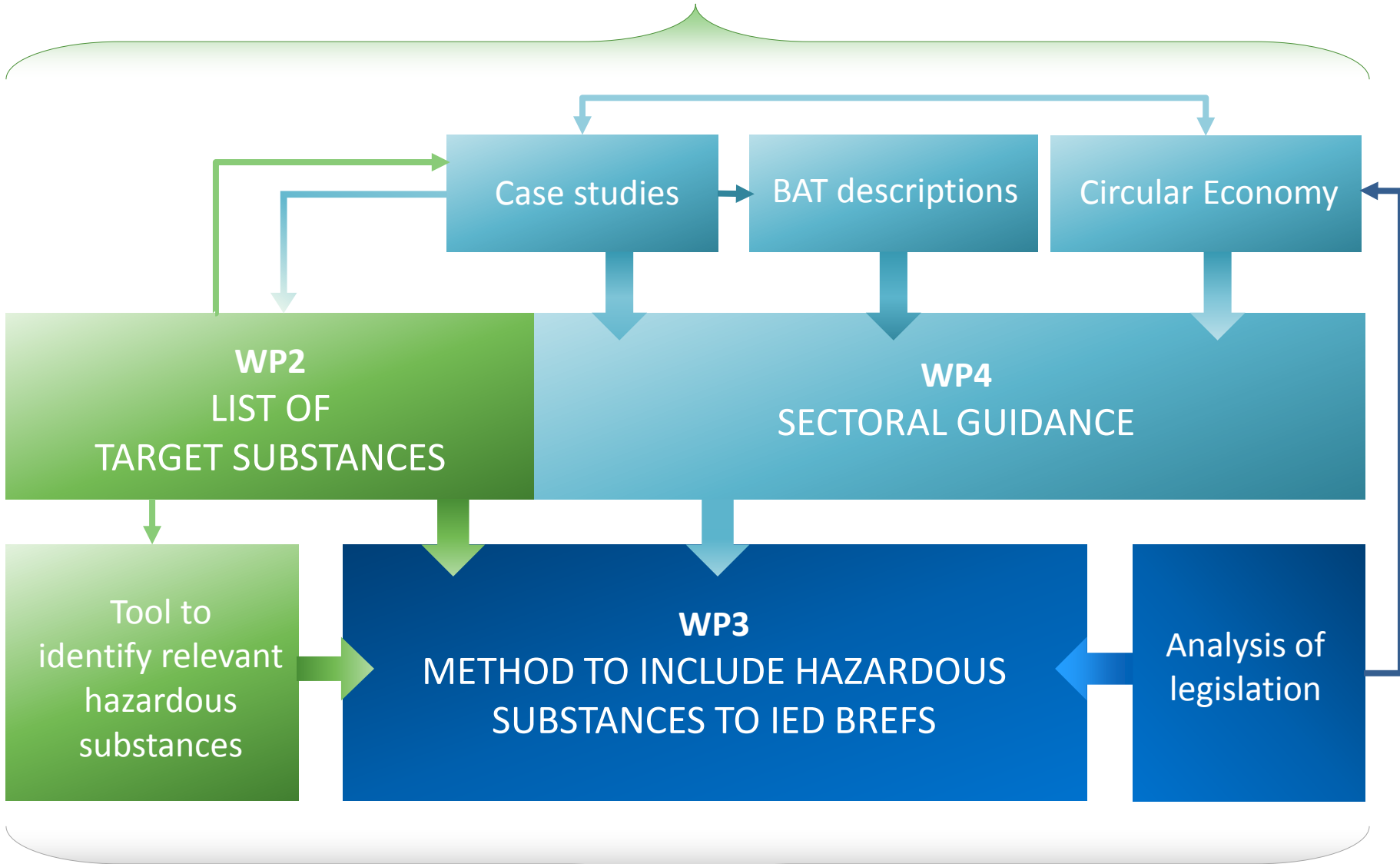**WP3 - Policy improvement (UBA)**

3.1 Analysis of the interfaces between the different pieces of EU-legislations and marine convention

3.2 Development of method to include information of hazardous substances into BREFs

WP4 – Best practices in chemicals management in industry (IETU)

4.1 Development of best practices in industrial sectors (sector reports)

4.2 Industrial installation case studies (textile, surface treatment, chemicals)

4.3 Development of BAT descriptions

4.4 Identifying hazardous substances preventing recycling and reuse in industry (Circular economy)

Project Partners

Organisation	Country
Finnish Environment Institute (SYKE)	Finland
Institute for Ecology of Industrial Areas (IETU)	Poland
German Environment Agency (UBA)	Germany
Swedish Environment Protection Agency (Swedish EPA)	Sweden
Estonian Environmental Research Centre, (KLAB)	Estonia

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Associated Organisations

Organization	Country	Type of organisation
Finnish Water Utilities Association, FIWA	Finland	Interest group
Polish Electroplating Society	Poland	Interest group
Polish Textile Association	Poland	Interest group
International Chemical Secretariat, ChemSec	Sweden	Interest group
European environmental Bureau, EEB	International	Interest group
Coalition Clean Baltic	International	Interest group
HELCOM	International	International organisation
Ministry of Ener.Agr.Env.Rural areas of Schleswig-Holstein	Germany	National public authority
Finnish Ministry of the Environment	Finland	National public Authority
French Ministry of the Environment	France	National public authority
Dutch Ministry of the Environment	Netherlands	National Public authority
Estonian Health Board	Estonia	National Public authority
Estonian Ministry of the Environment	Estonia	National Public authority
The Centre for economic development, transport and environment of Southeast Finland	Finland	Regional Public authority
The State Regional Administrative Agency of Northern Finland	Finland	Regional Public authority
Marshal of the Lower Silesian Voivodeship	Poland	Regional Public authority
Marshal Office of Silesian Voivodeship dep. Of Env. Protection	Poland	Regional public authority
Swedish Chemicals Agency, KEMI	Sweden	Sectoral Agency
Finnish safety and Chemicals agency, TUKES	Finland	Sectoral agency
Austrian Environment Agency	Austria	Sectoral agency
Lithuanian Environment Agency	Lithuania	Sectoral Agency
Flemish Environment Agency VMM	Belgium	Sectoral agency
Flemish Environment, Nature and Energy department under the government of Flanders AMV and ALHRMG	Belgium	Sectoral agency
Danish Environmental Protection Agency	Denmark	Sectoral Agency
Bureau for Chemical Substances in Poland	Poland	Sectoral agency
Chief Inspectorate of Environmental Protection	Poland	Sectoral agency
Environmental Board of Estonia	Estonia	Sectoral Agency
Latvian Environment, Geology, and Meteorology Centre, LEGMC	Latvia	Sectoral agency

Advisory organisations, target groups and other Stakeholders
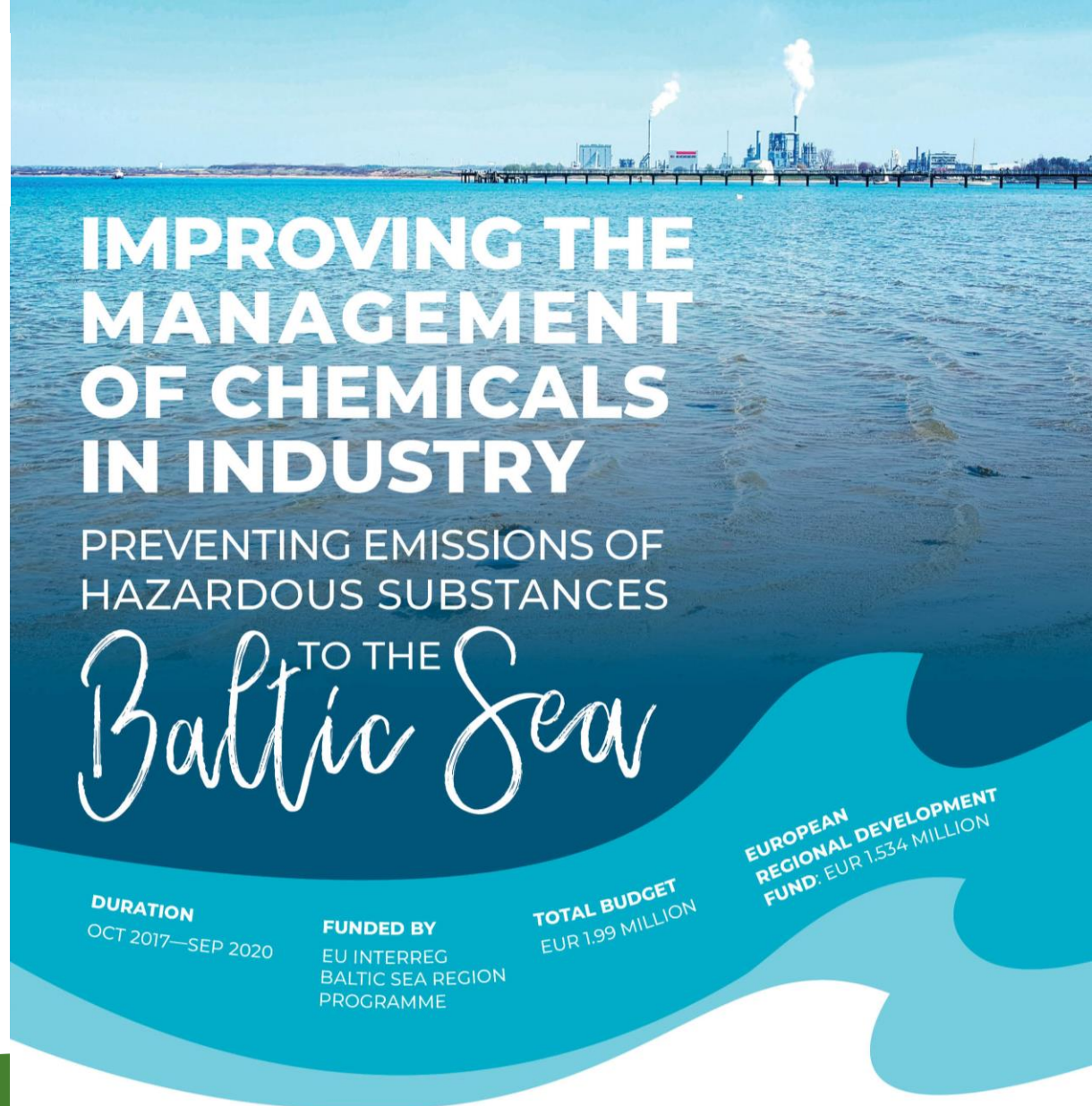
- Policy level
  - ○ EU Commission, DG ENV, EIPPCB
  - ○ ECHA
- National Stakeholder Groups in every partner country
  - ○ National permitting and enforcement authorities, Chemical agencies
  - ○ Operators and industry organisations
  - ○ Water utilities

  Tallinn Stakeholder Conference 20-21 May 2019

Thank You for your attention!

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www.syke.fi/projects/hazbref