



Kick-off meeting - BaltActHaz

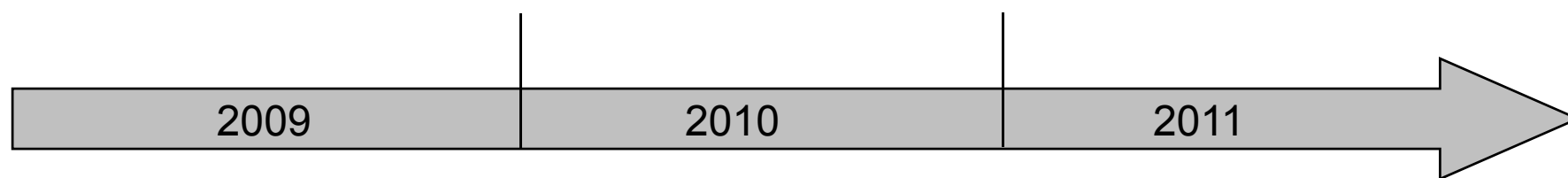
Actions 2, 3, 4



4-5 February 2009, Riga, Zita Dudutytė



Logics of the actions 2, 3, 4



Action 2: Preparatory action for screening



Action 3: Screening and source analysis



Action 4: Overall substance reduction strategy, information source uses and proposals for future state monitoring programme



Action 2 – Preparatory action for screening of substances



Aim of the action

- to prepare the screening of substance occurrence and the following source analysis
 - to raise the competency of the teams implementing action 3
 - to select the substances of concern and make planning of sampling



Duration

Action Number/name of action	2009				2010				2011			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
2. Preparatory action for Screening of substance occurrence												
2.1. Training on screening action												
2.2. Selecting the substances of concern in Estonia and Latvia												
2.3. Selecting of laboratories for analysing substances												
2.4. Making detailed planning of the analysis												



Activities

Partners training	<ul style="list-style-type: none">•Experience of LT (EPA, BEF), FIN•Methodological and analytical advice•Preparation of sampling•Tracking of the sources	April-May 2009 LT 2-3 days ca. 25-30 people
National meetings	<ul style="list-style-type: none">•Selection of HS, sampling sites, matrixes	May - July 2009 EE, LV, 1 day ca. 10 people
Baltic meeting in Estonia	<ul style="list-style-type: none">•Final agreement on HS, sampling sites, matrixes	August – Sept 2009 EE, 2 days ca. 20 people
Selection of laboratories	<ul style="list-style-type: none">•Analysis in own laboratories•External laboratories search•Contracting	Sept - Nov 2009 EE, LV, LT
Planning of sampling and analysis	<ul style="list-style-type: none">•In two stages: for 1st and 2nd round	1 st. Nov-Dec 2009 2 st. Summer 2010



Tasks of partners

- Action leader BEF Lithuania
- BEF Lithuania (B12) and EPA (B13) – share experience from previous screening exercises, trainers.
- EERC (B3) and LIAE (B8) - target group of training and leading the planning process.
- BEF Latvia and BEF Estonia as counterpart for preparatory works in LV, EE
- WWTP “Vilniaus vandenys” prepare for tracking sources back to the suppliers of the waste water to their company



Deliverables and results

- Prepared for an Action 3
- **Training seminar** on data screening and analysis, ca 25 people participated
- **Team meetings in LV and EE** carried out for selection of substances, ca 20 people participated
- **Baltic meeting of stakeholders** carried out, ca 20 people participated
- **Laboratories** for sampling analyses selected and contracted
- Action 3 activities planned and agreed between partners and stakeholders



Action 3 – Screening and source analysis



Aim of the action

- To contribute to emission inventory, identification of hazardous substances sources in order to work further with the reduction of discharges of hazardous substances from the sources or phase out as required by WFD



Duration

Action Number/name of action	2009				2010				2011			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
3. Screening and source analysis												
3.1./3.2. Making samplings and analyses of samplings of selected substances												
3.3. Compiling results from the analysis												
3.4. Investigation the hazardous substances sources												



Activities

Sampling and transportation of samples	<ul style="list-style-type: none">•Sampling by B3, B8, B13, B17	March-August 2010 EE, LV
Analysis	<ul style="list-style-type: none">•In own or contracted laboratories	March-August 2010 EE, LV
Compilation of the results	<ul style="list-style-type: none">•First compilation for the national and Baltic meetings•Final report	August – Nov. 2010 Dec. 2010
Discussion of results	<ul style="list-style-type: none">•In national meetings•In Baltic meeting (LV)	August – Nov. 2010 EE, LV, LT
Investigation of HS sources	<ul style="list-style-type: none">•WWTP → company	LT: Aug.09-Sept.10 EE, LV: Sept10-June11
Revision of contracts	<ul style="list-style-type: none">•Support WWTP with revision/update of contracts with companies emitting HS	LT: Aug.09-Sept.10 EE, LV: Sept10-June11



Tasks of partners

- BEF Lithuania (B12) - action leader, leading role in the hazardous substances sources investigation action implementation in cooperation with EPA (B13) and the pilot water company (B17)
- EERC (B3) and LIAE (B8) - main role in Estonia and Latvia taking samplings, implementing and supervising testing and leading results analysis
- BEF Estonia (B1) and BEF Latvia will implement the investigation actions in their country
- WWTP Vilniaus vandenys – tracking back sources
- REPD (especially Vilnius REPD)→ support in source investigation



Deliverables and results

- In total **200 samples** taken and analysed (100 - LV, 100 - EE)
- Test results on selected substances samplings in Estonia and Latvia, additional samples taken in Lithuania upgrading existing information → **Test results compiled into report** (ca 100 versions printed in Estonian and Latvian)
- **National team meetings** held on to discuss the national findings (ca 20 persons participated)
- **Baltic experts meeting** held in Latvia to discuss the screening results (ca 25-30 persons participated)
- **Hazardous substances sources are investigated from WWTP** back to enterprises (B17 plus one additional target WWTP in each country and ca 10 companies are acting in each country)
- **Revised contracts at WWTPs** (at least 10)



Action 4 – Overall substance reduction strategy, optimising information source uses and elaboration of proposals for future state monitoring programme



Aims of the action

- Action 4 aims at improving the system of hazardous substance management at the state authorities:
 - Develop the national HS reduction strategy
 - Interlinkage between different pieces of legislation and use of available tools
 - Input for HS monitoring system



Duration

Action Number/name of action	2009				2010				2011			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
4. Overall substance reduction strategy, optimising information source uses and elaboration of proposals for future state monitoring programme												
4.1. Elaboration of substance reduction strategy												
4.2. Optimising the information source uses												
4.3. Working on the state monitoring programme												



Activities

HS reduction strategy

To set realistic targets and propose manageable steps for HS reduction:

- Baltic working group in LV
- First draft in English
- Nat.work. group meetings (2 per country)
- Final national strategies

Dec 2010-May 2011
EE, LV, LT

Optimising info sources

Issuing and controlling permits, judging on data quality, use REACH database

- International WS on interlinkage REACH-other legislation (EE, 40-50 p)
- Brochure on REACH-other legislation (EN, EE, LV, LT)
- Visit to ECHA (15 p.)

Jan – Nov. 2010
EE, LV, LT

Work on state monitoring programme

- Analysis of current programmes
- Proposals for improvements with regard to HS
- Nat. work. group meetings (2 per country)
- Permits for WWTP discharging HS revised

Jan.- Aug 2011



Tasks of partners

- BEF Lithuania- lead of action, activities in Lithuania
- BEF Estonia (B1) and BEF Latvia – activities in own countries
- EPA (B13), EERC (B3), LIAE (B8), LV State Environmental Services (B9) – HS reduction strategy, state monitoring programme
- REPD – revision of permits to WWTPs



Deliverables and results

- **Substance reduction strategies** elaborated as the operating tools for the Ministries of Environment (English template and national strategies)
- **Brochure on REACH interfaces with other sectors of environmental legislation** is developed in national languages (English template in pdf)
- **Visit to Helsinki to Chemicals Agency** to broaden the knowledge about chemicals and relevant databases (ca. 15 persons)
- **Proposals for improving state monitoring programme** elaborated
- **Permits for the WWTP** discharging hazardous or priority hazardous substances to the environment are revised and appropriate monitoring defined for the discharge points
- **1 Baltic working group** held to elaborate substance reduction strategy (ca. 20-25 persons participated)
- **12 national working group meetings** (4 in each country) held to develop substance reduction strategies and elaborate state monitoring programmes (ca. 50 persons participated)
- **International seminar held on REACH** interface with other sectors of environmental legislation (ca. 40-50 persons participated)



Linkage with COHIBA project

	BaltActHaz	Cohiba
Aim	<ul style="list-style-type: none">•Identify sources of HS•Recomendations for management options to reduce discharges, emissions, losses of HS•Input for development of national implementation programmes	
Substances	Selected WFD (and HELCOM) priority substances and some pollutants of national importance	11 substances from BSAP (MCCPs, OP/OPE, PFOA, decaBDE, endosulfan, pentaBDE, octaBDE, PFOS, NP/NPEs, SCCPs, Cd, Hg)
Sites	Wastewater, sewage water and the receiving environment (surface water and sediments)	2 municipal WWTP, (waste water & sludge), 2 industries, stormwaters in the case area/municipality, 1-2 landfills



Linkage with COHIBA project

	BaltActHaz	Cohiba
National strategies for HS reduction	Substance reduction strategies elaborated as the operating tools for the Ministries of Environment	<ul style="list-style-type: none">•Regional investment plan for chemicals control to fulfil obligations of HELCOM and EU obligations (gap analysis).•National reports on the identification of sources of the selected substances and the proposed measures as basis for national implementation programmes for hazardous substances.
Sources investigation	Hazardous substances sources are investigated from wastewater treatments plants back to enterprises (ca. 3 target WWTP and ca 10 companies are worked in each country)	Knowledge on the release patterns of different substances and the link from sources to the effects on the marine environment as basis for decision making on controls for hazardous substances.