



EUSBSR EU STRATEGY FOR THE BALTIC SEA REGION

Policy Area Hazards

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Policy Area Hazards projects and processes

Reducing toxic antifouling paints on leisure boats (CHANGE)



Remediation of dumped chemical munitions (DAIMON)



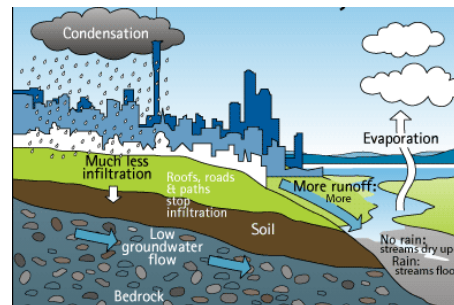
Pharmaceuticals in BSR Environment (BSR Pharma platform)



Sources of plastic waste to the Baltic Sea (BLASTIC)



Reduce urban emissions of hazardous substances (NonHazCity)



Hazardous industrial chemicals in the IED and BREFs (HazBref)



Background

- Many studies have shown that pharmaceuticals may affect the environment (animals, plants) in a negative way. It therefore has been of interest to measure possible presence of pharmaceuticals in water, sediment and biota (living organisms).
- In the Baltic sea area, the HELCOM and the Policy Area Hazards of the EU strategy for the region, took year 2015 the initiative to collect data to present an overview of available data.

- FOCUS AREA PHARMACEUTICALS

Pharmaceuticals in Baltic area waters

- Findings in the study;
- Some 15 pharmaceuticals out of 167 measured were detected.
- Especially pain killers and psycotropics were detected above set limits.
- Lack of acceptable measurement methods or the available methods were not sensitive enough.
- I. A. hormones (i.a. from intake of contraceptive pills) are difficult to measure.
- The effects of many pharmaceuticals on the environment are not very well studied.

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Baltic Sea Pharma Platform

Pharmaceuticals in the environment (PIE) –
a Baltic Sea Region cooperation platform

Projects

Morpheus

CWPharma

GrePPP

MicroWasteBaltic

Supporting activities

Regional status report(s)

Project development WS

Stakeholder network

Policy development

PA Hazards-HELCOM joint
process

CG PHARMA

Policy briefs

EU PIE strategy (pilot
area)?

Focus 2015 – 2020: Pharmaceuticals in the Environment

CWPharma



Morpheus



Seed Money: GrePPP



Seed money: MicroWasteBaltic



Next steps: Improve, Increase, Innovate

- Knowledge of analytical methods and of what pharmaceuticals are of most environmental concern.
- Knowledge of the environmental effects of pharmaceuticals (i.a. cocktail effects)
- Co-operation and communication between relevant BSR actors in all BSR countries and relevant EU-bodies
- Contacts between the EUSBSR players and other macro-regional strategies (i.e. Danube)
- EU-network of exchange of analysis technology and studies of pharmaceutical effects on the environment
- European strategic approach to pharmaceuticals in the environment – delayed but needed



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Thank you

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