The unpleasant need of going to court

The Elbe near to Decin (CZ) (source: seznam.cz)

Legal options of a downstream state to bring upstream partner to action

Ilka Carls, Henrich Röper, Sonja Wild-Metzko & René Schwartz



SedNet Dubrovnik, 03.04.2019

The Elbe – an international river

NORD

SEE

Cuxhaven

Brunsbüttel

Oste



Hamburg

Integrated Sediment Management Concept Elbe





1st Elbe management plan (2010-15)

Deficient hydromorphological conditions and contamination are supra-regional issues

Unbalanced sediment conditions and contaminated sediments among main reasons for failure WFD-objectives

ICPER/ RBC Elbe (2009): Sediment management concept in preparation of the 2nd management cycle (2016-2021)

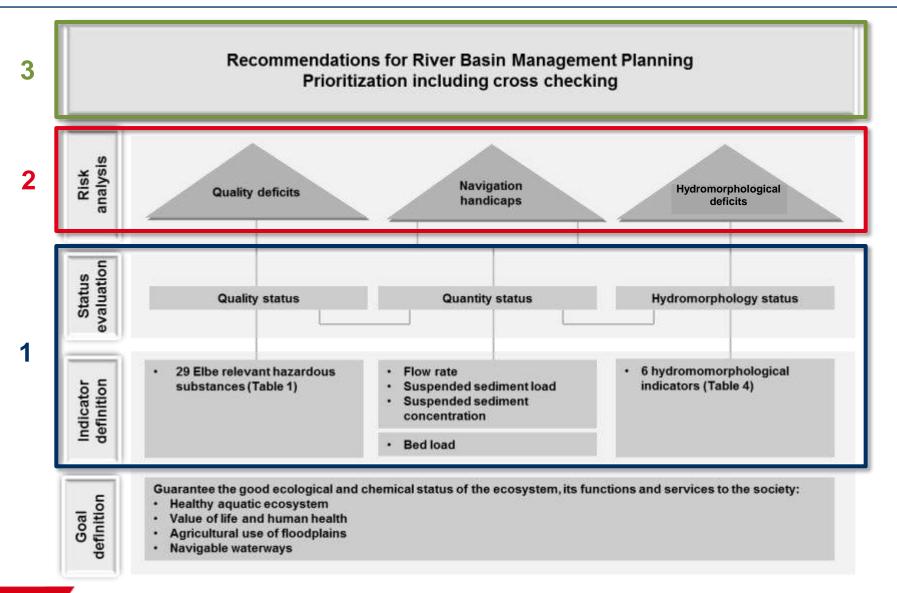
2014 published:

The Sediment Management Concept of the ICPER - Recommendations for a good sediment management practice in the Elbe

 It is integral: it combines spatial, functional (quantity, hydromorphology, quality) as well as environmental and use-oriented (navigation) sediment aspects in one concept

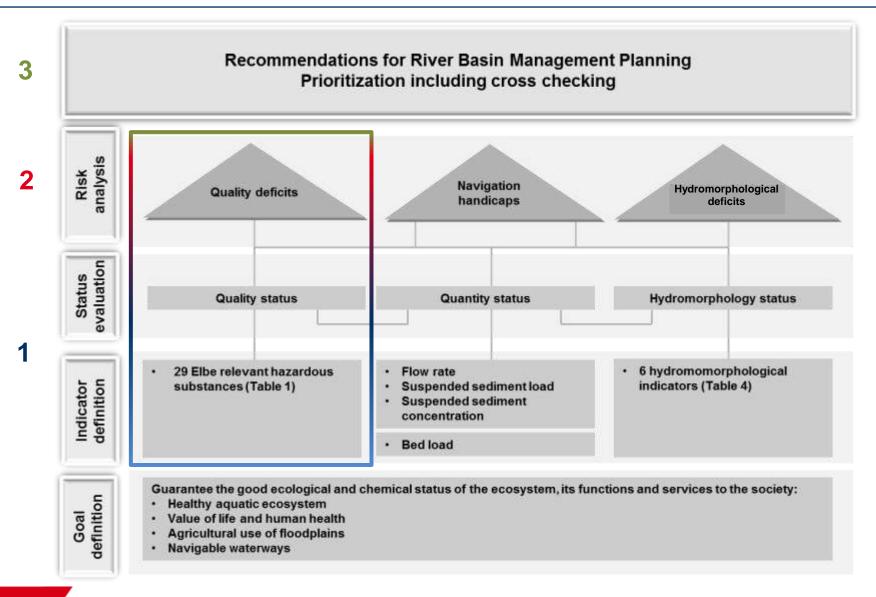
Conceptual set up – Overview





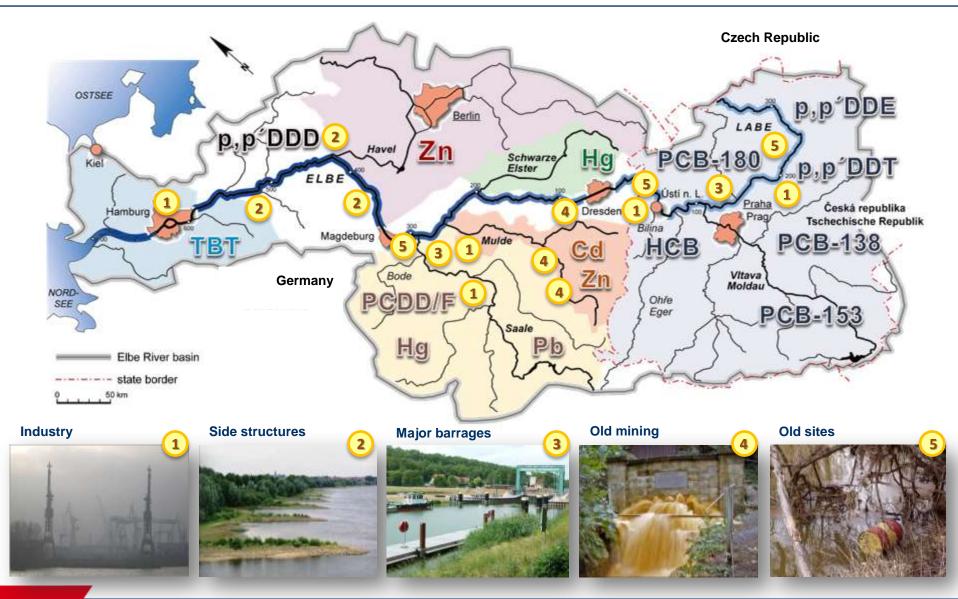
Aspect quality





System view – Main pollution areas





Agreed recommendations – Quality perspective













- 1. Reduction/restoration of point sources,
- 2. reduction/restoration of historical contaminations,
- 3. removal of historical sediment deposits sensitive to remobilization,
- 4. management of fine sediments in the river combined with the optimization of maintenance strategies,
- 5. reduction of contaminated fine sediments emitted from urban areas, and
- 6. utilisation and management of contamination sinks.

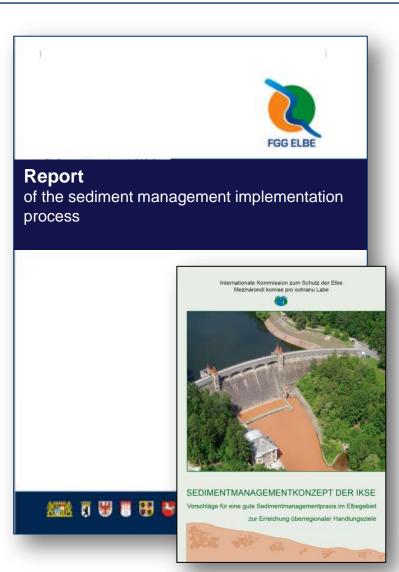
WFD – The River Basin Concept

- Holistic approach:
 Protection and sustainable management of all surface
 and groundwater, including transitional and coastal
 waters
- Covering all pressures and impacts
- Water management at river basin level
- River Basin Management Plans: basic instrument to implement WFD









Implementation in the 2nd management cycle

- Permanent consideration in the responsible bodies of ICPER / RBC Elbe
- Report every 2 years on implementation
 - Questionnaire
- International workshop series (CZ/DE)
- Methodological progress
 - Development of tools for efficiency control (e.g. aspect quality: Sediment quality index)

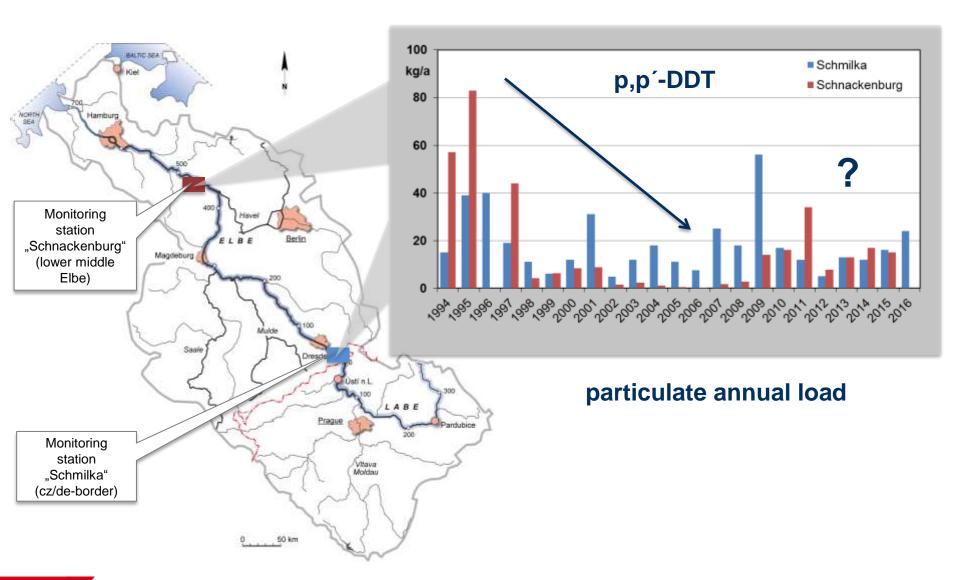
Progress report 2017





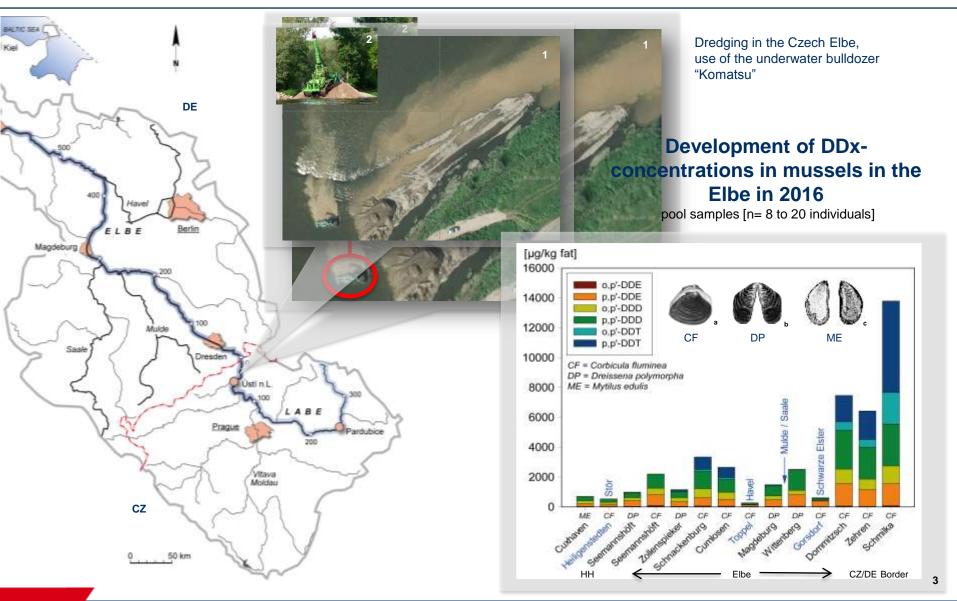
Self-solving problem?





Recent pollution sources and effects





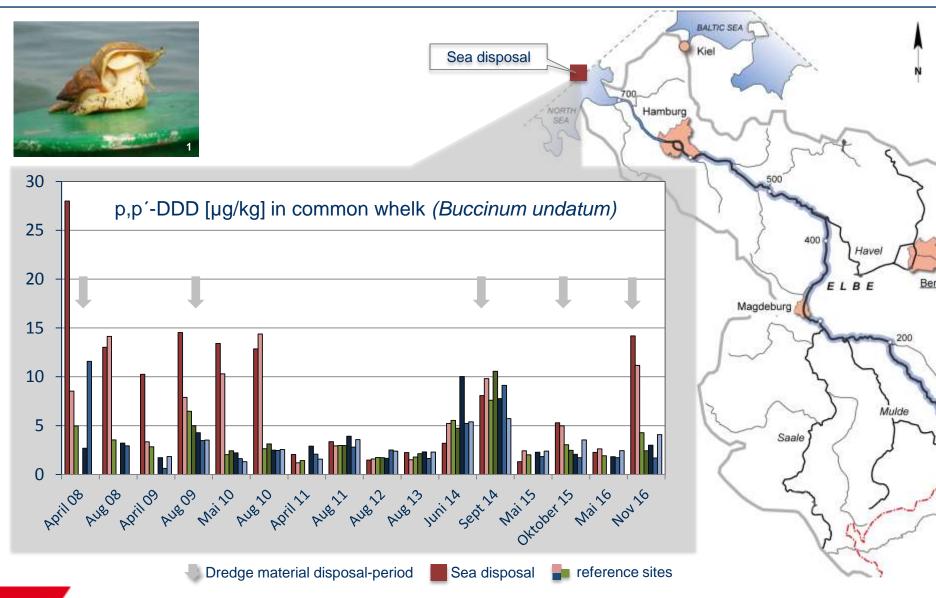
Economic meets environmental interests





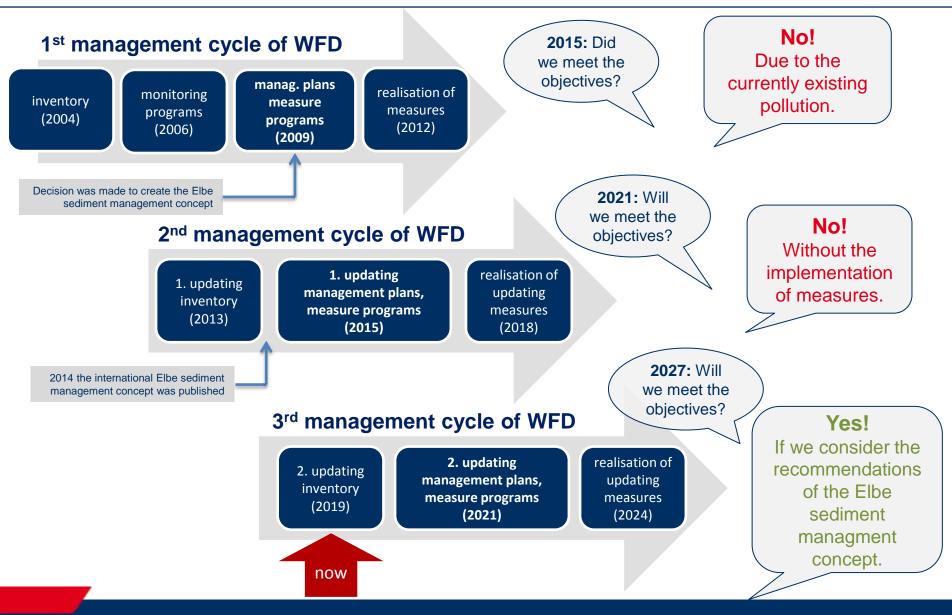
Effects in the marine environment





Implementation process of WFD





Review of implementation status – Legal options



-	Calenteer au	d Lines of T	and Hanati	pante 3	16
Fluss	gebietst understa	ewints	chaftur	VE:	
-			alien al	, lici	

Reese & Köck, 2018

Legal analysis of political and administration relationships with a special view on contaminated sediments and WFD

- Yes! The Sediment Management Concept meets the spirit of the WFD. RBC Elbe and ICPER are with it on the right way to an integrated, river basin-wide management.
- By contrast, the recent management plan and program of measures (2016-2021) partly fail in meeting the required river basin wide coordination. The plan/program refer to the concept in principle but do not transfer its spirit into adequate management actions.
- Obtaining the required level of cooperation between the Federal States and between the Federal Government and the States remains difficult. Often management decisions are taken just from a single point of view thus simply shifting a problem within the river basin.

Legal options:

- There is a legal claim to examine and coordinate effectively management decisions from a genuine ELBE perspective. Such strategy would include fair cooperation in terms of water and sediment quality - as well as for shipping purposes (see "covenant loyalty").
- In accordance with the WFD, the obligation to reduce long-term effects and coordinate measures/exceptions also applies to the relationships between the EU member states (see "national lawsuit").
- The EU Commission can initiate "infringement proceedings" against member states based on own investigations or complaints.

Review of the implementation status – Challenges & needs Hambu

Challenges: What does complicate the implementation?

Complexity of the system	Principle of proportionality in management planning	Lack of (basin-wide accepted) socio-economic approaches
Detailed risk analyses and expensive feasibility studies	High, unevenly distributed costs	Lack of clear political commitment Insufficient consultation and cooperation

Needs: What do we need to encourage implementation?
 "Be well informed – Manage adaptively – Take a participatory approach"

System knowledgeReduce the responsibility
ripplePrioritization & efficient
combination of measuresComprehensive stakeholder
involvement in decision-
makingSolidarity approach
"river basin bugdet"WFD and beyond: Political
impulse "pro sediment"



- Marc Eisma (Port of Rotterdam Authority, NL)
- Philip Spadaro (TIG Environmental, USA)



Hamburg

Discussion:

We request the consultation of the SedNet community

Thank you!

IIka Carls Free and Hanseatic City of Hamburg Ministry of Environment and Energy ilka.carls@bue.hamburg.de

