

Phosphates in detergents: Latest developments in the Danube River Basin

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The Danube River Protection Convention 1994

Preamble of the Convention

... «urgent need for strengthened domestic and international measures to prevent, control and reduce significant adverse transboundary impact from the release of hazardous substances and of nutrients into the aquatic environment»...

The Danube River Protection Convention 1994

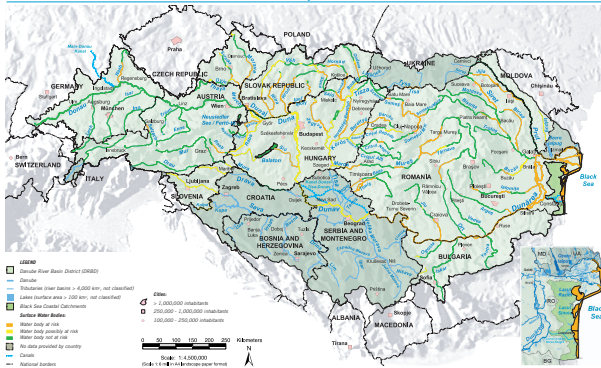
MoU ICPDR Black Sea (2001)

- ▶ The long-term goal in the wider Black Sea Basin is to take measures to reduce the loads of nutrients and hazardous substances discharged to such levels necessary to permit Black Sea ecosystems to recover to conditions similar to those observed in the 1960s.
- ▶ As an intermediate goal, urgent measures should be taken in the wider Black Sea Basin in order to avoid that the loads of nutrients and hazardous substances discharged into the Seas exceed those that existed in the mid 1990s.

The current situation

Danube River Basin District: Risk of failure to reach the Environmental Objectives - Nutrient Pollution

MAP 23



Data for Serbia and Montenegro in parentheses.
This product includes geographical data licensed from European National Mapping Agencies. Coordinates: ICRD (International) are used as the basic topographic system for 20, 47, 62, 77, 81, 95 and 100. The data for the other countries is based on WGS 1984 or data from 1980. The water bodies of the DRBDs is based on national information from 20, 47, 62, 77, 81, 95, 98, 102, 103, 104 and 105. The 40, 46, 50, 55 and 77 of the map of the European Commission Joint Research Centre was used.
Prepared by: P. LINDNER, Vienna, June 2005. The production of this map was financially supported by: ICRD.

Product of ICRD, Vienna



preparation of action programs

analyses of sources and measures

Joint action program 2001

... phosphate free detergents can to a significant extent reduce the phosphate load in surface waters.

...

The ICPDR shall take the initiative to approach the detergent industry and get its commitment to foster the use of phosphate free detergents

Objectives of the workshop

- ▶ sum up the present knowledge
- ▶ contribution of phosphates in detergents
- ▶ different regulatory approaches
- ▶ collect arguments of the stakeholders (water & chemicals management, science, detergent industry and »green« NGOs)

⇒ enable the ICPDR to propose a strategy for inclusion in the POM