

# UNDP/GEF DANUBE REGIONAL PROJECT

## Theme 3: Industrial and Municipal Activities



## Why the Intervention?

- » Black Sea impacts
- » Industrial Pollution history
- » Support to the JAP /WFD process
- » P containing detergents
- » Accident Prevention
- » Municipal water / wastewater financing



# DRP Actions on Industry & Municipal Activities

## Summary Statistics

- » Budget: 1.43 M USD
- » 28 Contracts
- » 7 Workshops, 140 participants PLUS.....
- » Extensive Small Grant Support:
  - » 18 Industrial related grants
  - » 37 Municipal related grants
- » Summarised in 9 Fact Sheets and Background Stories



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# Industrial & Municipal Activities

## Overview

- » Policy Assessment
- » Impact of BAT/IPPC in Danube Basin
- » Road Map for BAT in non-EU States
- » Accident Prevention
  - » Refineries risk assessment
  - » Contaminated sites risk assessment
- » Nutrient Trading concepts
- » P-Free Detergents
- » Tariffs and Charges



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## Why focus on phosphate detergents?

- » 20 – 30% P in wastewater from detergents
- » Development of sewer systems without N/P removal will make situation worse
- » Increasing global interest in P bans (7 in EU-25)
- » Alternatives available to P in laundry detergents
- » No indication of cost increase to consumers



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## Detergent Seminar - Summary

### Participants

- » Industry representatives
- » EC representatives (DG Enterprise, DG Env.)
- » NGOs
- » P&M EG members



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## Detergent Seminar - Summary

### Key points

- » daNUbs – P limiting in NW Black Sea
- » Action needed in all DRB except AT, CZ, DE
- » Voluntary agreements unlikely to be effective
- » 66% laundry detergents P-free in EU-25
- » UWWTD benefits will be diminished without ban (<10,000 pe)
- » Dialogue with industry / association important



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## Detergent Seminar - Summary

### Key points – continued

- » EU wide ban – unlikely in short-term
  - » Detergents Regulation (648/2004 (EC)): Article 16(1)
  - » *"By 8 April 2007, the Commission shall evaluate, submit a report and, where justified, present a legislative proposal on the use of phosphates with a view to their gradual phase-out or restriction to specific applications"*
- » No information from industry on costs
- » Factory in RO exports to DE/NL
- » Harness consumer power!
  - » Dissemination of information
  - » Persuade consumers of environmental benefits
  - » Involvement of NGOs



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## ICPDR Detergent Task Group – Recommended:

- » **DRB ban on P-detergents**
- » **P-free detergents** together with:
  - » Implementation of **best agriculture practices**
  - » Implementation of **UWWT Directive**
- » **Initiate** ban in RO
  - » > 20 % DRB population
  - » Benefit to Black Sea coast & tourism
  - » Production facilities available
  - » Wastewater situation
  - » Growth in demand for P-detergents expected



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## NGO action on detergents - Sarajevo

- » Effective communication campaign on P-free laundry detergents.
  - » 200,000 people reached:
    - o 20,000 leaflets distributed;
    - o 9,000 postcards distributed
    - o Radio 'advert' played 10 times a day for 11 months
    - o 20 radio shows
  - » P&G produced TV commercials opposing action
  - » Local Bosnian company launched P-free product
  - » Institute of Hydromechanics monitored P discharge reduced 310 kg/day to 245 kg/day



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## Industry & Municipal Activities – Sustainability and Challenges

ICPDR should...

- » P-free detergent support
- » Road map for implementing BAT
- » Accident Prevention actions



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