

Danube River Basin Stakeholder Conference

Parallel Work Session

Nutrient Pollution

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Ecologic

Present status in the Danube basin (I)

- **Nutrient loads have significantly decreased over the past 20 years**
- **About 50 % of the Danube is at risk or possibly at risk due to nutrient pollution**
- **Emissions from diffuse sources, a mostly related to agricultural sources and a part is of natural origin**
- **Agricultural emissions are higher in the upper part of the Danube than in the lower part**

Present status in the Danube basin (II)

- **The dominant sources for phosphorus are from urban settlements**
- **Impacts from nutrients can mainly be seen in the receiving coastal waters of the Black Sea but also in many lakes and groundwater bodies throughout the basin**
- **The middle Danube (rkm 1600-1200) may be sensitive to eutrophication**

Gaps in information/research

- **Only few data for agglomerations less than 10,000 inhabitants, and on the connection degree to sewers and WWTPs**
- **Improvement of the model related to diffuse nutrient emissions needed.**
- **Improvement of the estimation of diffuse nutrient emissions by application of statistical data on the agricultural indicators**
- **Development of new approaches to evaluate the diffuse emission pathways into the river system of the Danube**

Future developments

- **Economic development in the middle and lower parts of the Danube region will increase diffuse nutrient inputs**
- **The potential impact of the reformed EU Common Agricultural Policy is unclear**

Main questions

- **Do you perceive the specific problem area of nutrient pollutions, as presented in the Roof Report?**
- **Are your priority issues adequately reflected? Do you have any further concerns?**
- **What could be possible approaches to minimize relevant impacts especially on the transboundary level?**

Statements from Stakeholders:

- 1 **Ms. Milena Forejtnikova, Czech Water Research Institute**
- 2 **Mr. Johannes Wolf, Danube Environmental Forum**