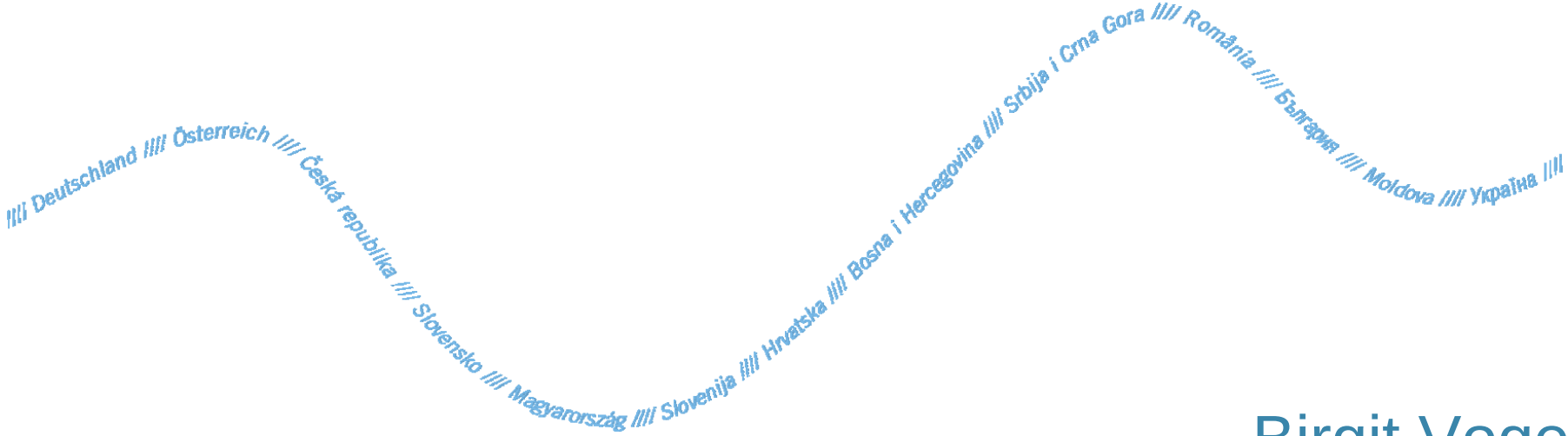
Work Group A

Basin wide approach for integrating IWT and ecology in the Danube River Basin



Joint Statement on Development of Inland Navigation and Environmental Sustainability in the Danube River Basin

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WG Objective

Establish common view/vision to integrate IWT and ecology

Definition of common problems and objectives

Common view/‘Leitbild‘ for Danube

Basic conditions and legal framework

Relevance on basin wide, national and regional scale for

a) IWT

b) Ecology

c) Joint Statement Process

WG Questions

- **What are issues on basin wide scale?**
- **Feed back mechanism to international level?**
- **How can IWT benefit from other structural and environmental measures to be implemented in the DRB?**
- **Climate Change, IWT and Ecology**

What are issues on basin wide scale?

- **Preamble to address the preconditions of the joint statement**
  - Legal framework (all relevant directives and requirements)
- **Define IWT project**
- **Define ecological frame/conditions**
  - type-specific scale: basin wide, upper-middle-lower Danube

What are issues on basin wide scale?

- **Prerequisites from IWT side (including non-structural measures) – state-of-play**
- **Definition navigation pressures on ecology and relation to environmental measures**
  - priority ranking in terms of effects and benefits for both ecology and navigation
- **Benchmarks and standards**
  - exist for navigation and need to be clearly specified for ecology
  - respecting different starting conditions in DRB

What are issues on basin wide scale?

- **Avoidance of impacts**
  - give priority to non-deteriorating measures

Preconditions for Joint Planning

- **Mutual trust**
- **Effective and transparent information exchange between stakeholders**
- **Sufficient data basis (current/future IWT projects, environmental conditions/measures/scenarios, etc)**
- **Flexible funding conditions to ensure the feasibility of sound planning and implementation**

Planning Philosophy

- **Problem description as a starting point**
- **Reference document Habersack et.al**
  - Planning and engineering in harmony with natural riverine processes
- **Monitoring of joint process/implementation success (adaptive approach)**

How can IWT benefit form other structural and environmental measures to be implemented in the DRB?

- **projects are in most cases multifunctional**
- **mutual effects are to be discussed in frame of planning process**
  - benefits to be defined and ensured

Climate Change, IWT and Ecology

icpdr iksd
International Commission for the Protection of the Danube River
Internationale Kommission zum Schutz der Donau

- **Climate change will be a challenge for both IWT and ecology**
  - appropriate environmentally friendly solution have to be discussed and found according to the joint planning philosophy
  - Develop appropriate responses