Task 5.3.2: **Contribution to a Manual on Good Practices in Sustainable Waterway Planning**

PLATINA Training Workshop 9-10 June, 2009, Zagreb  
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Manual objectives

Illustrate the Joint Statement with its principles & criteria
Inform about river ecology and waterway management
Present new legal framework conditions for river management
Present new approaches in integrated planning
Provide a general guidance for integrated planning
Examples ecology-oriented waterway and river bed engineering
Preparation of the Manual

Steps
Assessment of the status quo in IWT planning
Identification of examples of best practise planning
Identification of the concrete needs for better planning
Drafting the Manual in 2009

Commenting: Discussion of the draft Manual at 2 stakeholder workshops and interdisciplinary dialogue on concrete examples

Autumn 2009: Finalisation and dissemination of the Manual
Draft structure of the Manual

- Basics on river ecology and legal requirements
- The *Joint Statement* and similar planning concepts
- Practical steps to approach and achieve integrated planning
- Organisational needs – framework conditions
- Practical examples – experiences gained in IWT projects
Good practice examples


**Rhine** (CCR/ICPR): Introduction of new best practice measures to improve the water body structure (side-arms, banks, fairway structures, fish passages etc.).

**German** guidance docs. for coordinated *EIA processes in IWT.* *Ecological re-orientation of federal waterway management.*

**PIANC guidelines** (2003-2008: e.g. *Working with Nature*)

**USA** (US ACE): New structures to reduce or eliminate dredging maintenance requirements. Innovative dredging equipment and processes. etc.
New inputs to IWT plans from environmental side

**WWF Danube waterway study (2002)**

**JS – NGO list of important Danube sites (2007)**

**ICPDR, BOKU, IAD 2008: Visionary reference conditions for the Lower Danube (ISPA II project)**

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**Table 1: Important Bird Areas potentially affected by the TINA transport network in EU accession countries (compiled from BirdLife International 2001)**

<table>
<thead>
<tr>
<th>TINA Corridor*</th>
<th>Country</th>
<th>IBA Important Bird Area (English Name)</th>
<th>IBA Code</th>
<th>Inner Water-way**</th>
<th>Outer Water-way**</th>
<th>Compare WWF Waterway Transport study chapter no</th>
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<tr>
<td>IV</td>
<td>Czech Republic</td>
<td>Confluence of Morava and Dyje rivers</td>
<td>12</td>
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<td>x</td>
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<td>VI</td>
<td>Poland</td>
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<td>(x)</td>
<td>(x)</td>
<td>(x)</td>
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<td>VII / IV</td>
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<td>Molen Plain</td>
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<td>(x)</td>
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<td>VII / IV</td>
<td>Danube between Gomu and Szobi</td>
<td>16</td>
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<td>x</td>
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<tr>
<td>VII</td>
<td>Bosnia and Herzegovina</td>
<td>Losće fish ponds</td>
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<td>VII</td>
<td>Roma</td>
<td>Obinska island</td>
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<td>Papska fish ponds</td>
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<td>Srebarna lake</td>
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<td>VII</td>
<td>Romania</td>
<td>Iron Gate reservoir</td>
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<td>Little Braila</td>
<td>Parcheș-Somova wetland</td>
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</tbody>
</table>

*TINA Corridors: IV (Berlin/Nurnberg - Praha - Budapest - Constanta/Thessalonik/Istanbul) V (Velence - Trieste/Koper - Ljubljana - Budapest - Uzhgorod - Lvov - Kiev VI (Gdansk/Warsaw - Zilina) VII (Danube)*
Proposed Manual Elements

Summary of legal requirements

Concise information on important planning guidances

A general list of key steps securing successful planning (from IWT policy planning over expert and stakeholder involvement to post-project monitoring)

A concrete proposal of a Road Map

Illustrating examples of measures in- and outside the fairway

Useful links
Environmental Impact Assessment (EIA-D)
Nature Impact Assessment (BHD)
WFD assessment (RBMP)
Ecological fairway management

Best Practice – Good Practice
Preparing the practical planning – Road Map

Pre-conditions:

Waterway policy
Waterway development programme (NAP)
Waterway management capacities

Specify integrated planning

Relevant issues – key stakeholders (local – foreign)
Project goals – planning objectives
Working rules – operational capacities
Responsibilities and tasks during the integrated planning

Steering Committee
- Supervision, responsibility
- Government, funding institutions

Project Team
- Technical planning (database, calculation & modelling) + EIS
- Waterway Agency, consultants

Integrated Planning Group
- Project vision, objectives, other user interests.
- Planning principles, interdisciplinary assessment of options/alternatives/scenarios, feasibility
- Experts for navigation, river engineering, ecology, hydro-morphology, water quality etc.

Moderation - Mediation
Next steps in the practical planning – Road Map II

Assure agreed results (e.g. formal adoption, publication)
Transfer results into detail planning / submission of EIS
Execute EIA process incl. public hearings and information
Receive all required permits
Assure funding
Start monitoring
Execute works
Assure post-project activities (corrective actions, monitoring).
Your comments on the Manual structure?