



**“Preparation of Documentation for River Training and Dredging Works
on Critical Sectors on the Danube River in Serbia”**

Introduction to the Project & Stakeholders’ Forum

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Directorate for Inland Waterways



Project funded by
the European Union

PIANC InCom
Brussels, 02-10-2012

Basic project data

- EU funding programme: IPA 2010
- EU funding rate: 100%
- Value: EUR 2.1 Mill
- Timeframe: 2011-2013
- Beneficiaries:
 - Ministry of Transport
 - Directorate for Inland Waterways
- **Goal: Ensure sustainable minimum depth and width for low water periods**
- **Measure: the best combination of structural and non-structural options**



Towards a Smoother Inland Navigation



Preparation of Necessary Documentation
for River Training Works on Selected Locations
along the Danube River
(IPA 2010)



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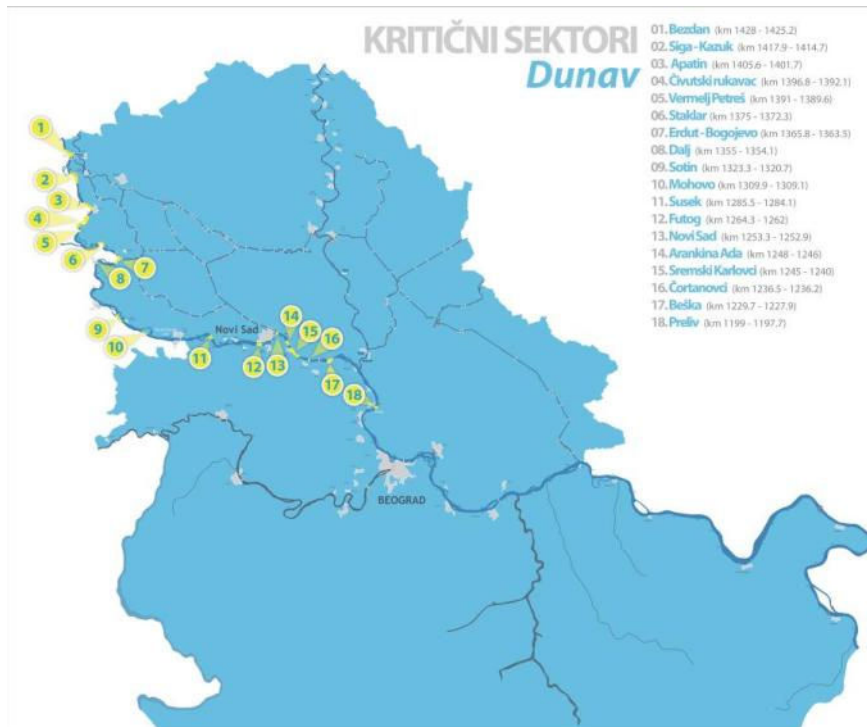
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Critical sectors

Master Plan (2006)
18 critical sectors
40 km total length



IPA 2010 project (2011)
24 critical sectors
70 km total length



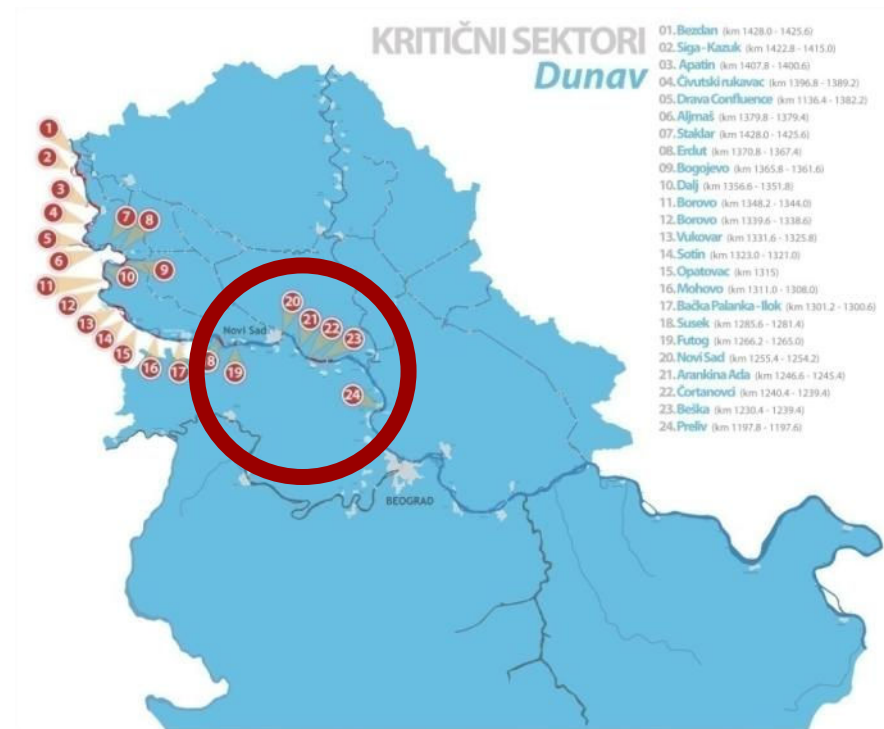
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Range of the Project

- hydraulic models (1D and 2D)
- Feasibility study and conceptual designs for all critical sectors
- CBA
- EIA
- main designs and tender documentation for works and supervision and monitoring on **6 critical sectors**
- Documentation is being prepared in accordance to **national** legislation, as well as **EU** legislation



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Strategic and legal framework

Strategic framework:

- Master plan for IWW transport in Serbia(2006)
- Serbian transport development strategy for the period 2008-2015 (2007)
- General transport master plan (2009)
- Spatial plan of the corridor VII (drafted)
- EU strategy for the Danube region (2010)

Inland navigation:

- DC Recommendations
- AGN (UNECE)
- SRB-CRO bilateral agreement on inland navigation and fairway maintenance (2009)
- Law on navigation and ports on inland waterways (2010)
- Bylaws

Water management:

- Law on waters
- Relevant bylaws
- WFD (EU)
- Danube Protection Convention
- Danube River Basin management plan (ICPDR)

Protection of cultural monuments

- Law on cultural heritage
- Bylaws

Environment:

- ESPOO convention
- Law on nature protection
- Law on environment protection
- Law on EIA
- Law on SEA
- Regulation on ecological network
- Specific spatial plans
- Relevant bylaws

Law on construction and spatial planning



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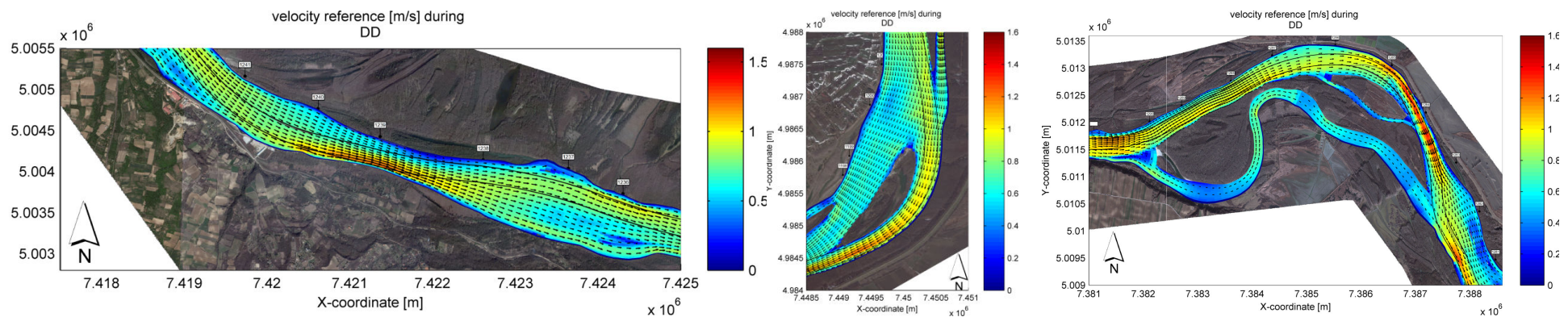
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Basic orientation

Ensuring **minimum depth and width** of the fairway during the low water periods, while **respecting environmental requirements**

- Preserving **connectivity** conditions
- Preferring **detached structures**
- Ensuring **mitigation measures**
- Preserving **sediment equilibrium**

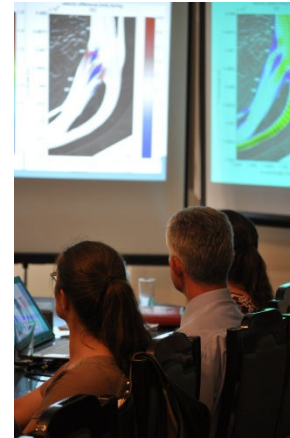


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Dissemination



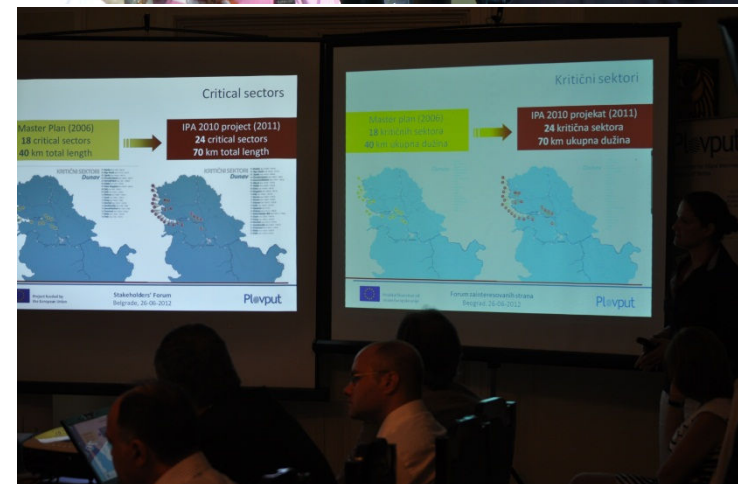
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Stakeholders' Forum

- **Interdisciplinary** approach
 - inland waterway transport
 - hydrotechnics
 - industry
 - nature and environment protection
 - archaeology
- Kick-off: **26th of June 2012**
- Ensuring **transparency**
- Using **multi-criteria analysis**
- **Methodology** of the work ensuring **comparability of options**



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Next steps

- Request for the content and the scope of the **EIA**
- Transition to the main design and **tender documentation** phase of the project
- Opening the integrated planning process for critical sectors on SRB-CRO joint stretch of the Danube river

Works

Supervision and monitoring



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Next steps

Time perspective 2013-2016

- works on 6 critical sectors for which main designs and tender documentation are being prepared
- Supervision of works and monitoring of effects



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Stakeholder's Forum - Basic principles of work

- Membership is **voluntary**
- Membership is **free of charge**
- Recommendations of the Forum have **advisory** character
- **Mutual respect** and acknowledgment of standpoints of others



Acknowledging each others



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Basic principles of the work

- All documents are in both **Serbian and English**
- Work of the Forum is public and **transparent**
- **Observers** are welcomed



Respecting each others



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Represented fields of interests

- **Interdisciplinary** approach:
 - inland waterway transport
 - hydrotechnics
 - industry
 - nature and environment protection
 - archaeology



Building trust



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Forum members



Asking each others



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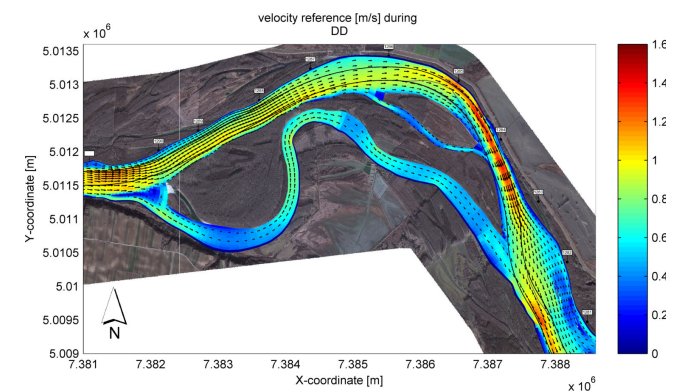
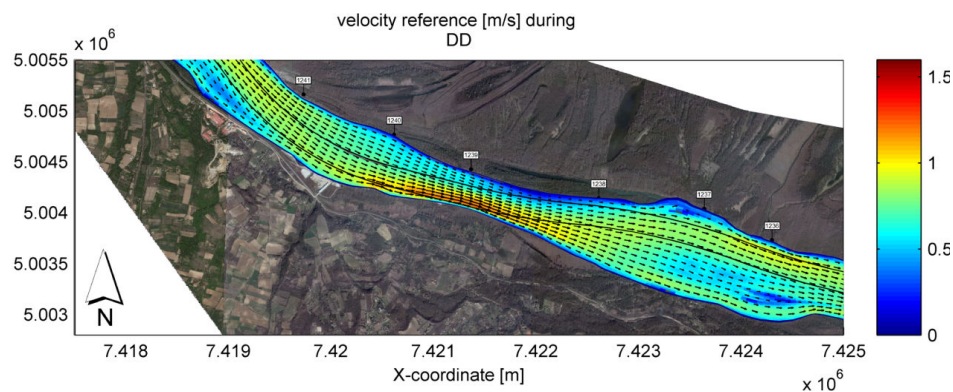
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- Preserving **sediment equilibrium**

Listening each others



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Timetable

- Capacity building process prior to the kick-off
- Kick-off meeting: 26th of June
- Second meeting: 13th of July
- Third meeting: 17th of August (on spot checking of 3 sectors)
- Fourth meeting: 14th of September
- Fifth meeting: 24th of October
- Sixth meeting: 14th of November

Understanding each others



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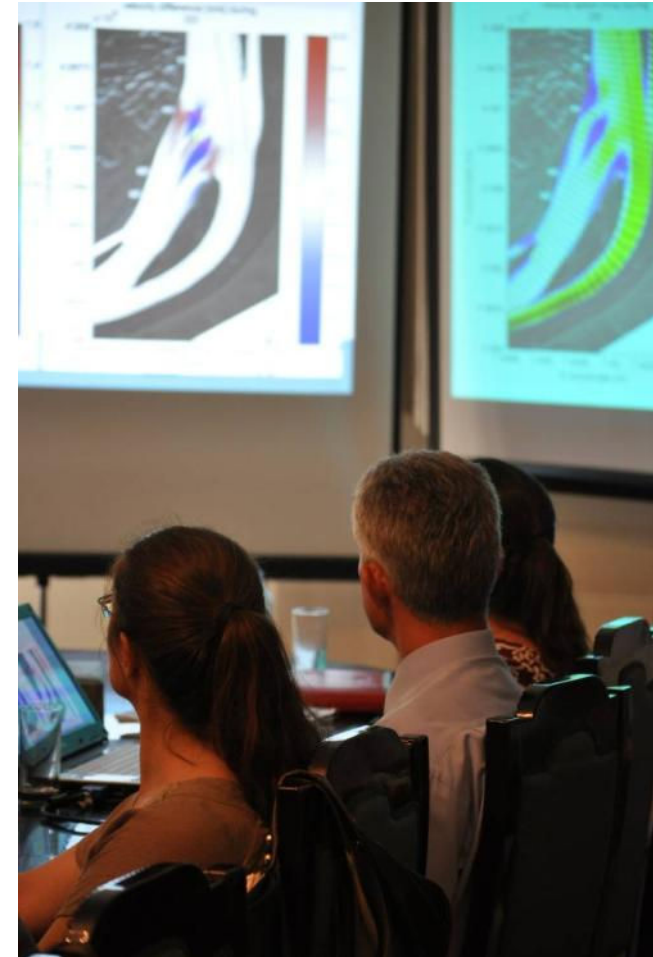
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Results

- **General rules** on organization and work of the Forum
- **Annex I** to the General rules – list of members and deputy members
- Active participation of observers
- **Methodology** of the work ensuring **comparability of options** and **choosing the best**

Learning from each others



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Results

- Results of **evaluation** of the work of the Forum
- **6 critical sectors** presented and discussed
- Detailed discussion and fruitful inputs



Common understanding



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Results

- Identification and **common agreement on the preferred options** for further modeling for 6 critical sectors on Serbian stretch of the Danube
- **2.500 hits** on Plovput web site – section Forum
- All documents available in **Serbian and English**
- Short **movie** about the Forum

Planning together



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Next steps

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Works

Supervision and monitoring



Working together



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For more info

www.plovput.rs



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Summary

- Acknowledging each others
- Respecting each others
- Building trust
- Asking each others
- Listening each others
- Understanding each others
- Learning from each others
- Common understanding
- Planning together
- Working together



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**“Preparation of Documentation for River Training and Dredging Works
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**Thank you
for your kind attention**

Jasna Muskatirovic
Directorate for Inland Waterways



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