



Forum

of stakeholders of the project

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



Project Funded by
the European Union

Directorate for Inland Waterways
Belgrade, 13-07-2012

Plovput

Forum

of Stakeholders of the Project

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

Agenda

Introductions

MMs from the first meeting of the Forum

Second draft of the General rules on organization and work of the Forum

Anex I – List of members of the Forum

Transparency of the process – Plovput’s web site

Methodology for evaluation of alternative solutions

Presentation of one critical sector – Analysis of different solutions

Q&A, discussion

Conclusions, next meetings timetable, closing words



Project Funded by
the European Union

Directorate for Inland Waterways

Belgrade, 13-07-2012

Plovput

Forum

of Stakeholders of the Project

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

Methodology for evaluation of different solutions

Jasna Muskatirovic, PhD

Head of Survey and Design Department



Project Funded by
the European Union

Directorate for Inland Waterways

Belgrade, 13-07-2012

Content

Basic criteria

Effectiveness

Environment

Cost

Multi-criteria analysis

Possible situations

Summary



Project Funded by
the European Union

Stakeholders' Forum
Belgrade, 13-07-2012

Plovput

Basic criteria

- Effectiveness
- Environmental impact
- Cost



Project Funded by
the European Union

Stakeholders' Forum
Belgrade, 13-07-2012

Plovput

Effectiveness

- Impact on navigation conditions
- Stability of the fairway



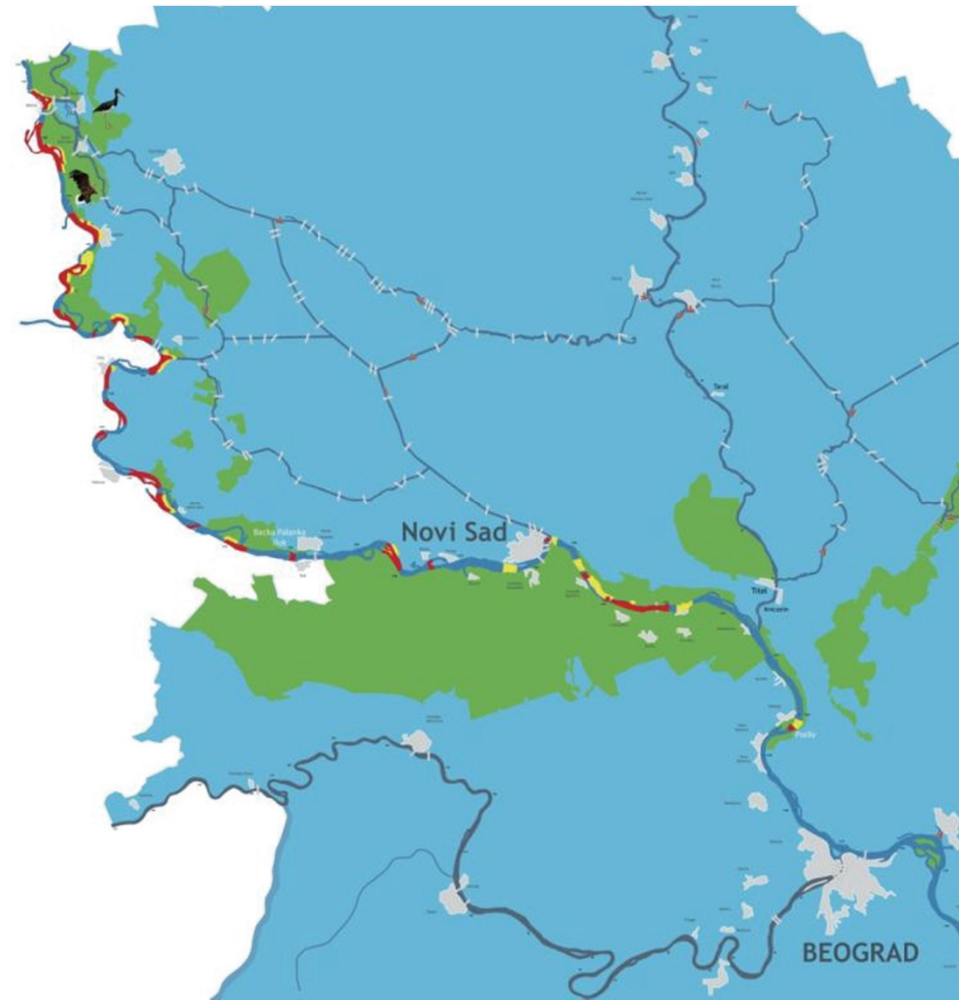
Project Funded by
the European Union

Stakeholders' Forum
Belgrade, 13-07-2012

Plovput

Environmental impact

- Impact on environment
 - river dynamics
 - flood plains
 - protected areas
 - protected species



Project Funded by
the European Union

Stakeholders' Forum
Belgrade, 13-07-2012

Plovput

- Technical feasibility of the option



Multi-criteria analysis

Options	Effectiveness	Environment	Cost
Option 1	Effective	Minimal negative (+ some positive) impact	Low
Option 2	Limited effectiveness	Medium impact	Medium
Option 3	Not effective	High impact	High



Possible situations

Options	Effectiveness	Environment	Cost
Option 1	Effective	Minimal negative (+ some positive) impact	Low
Option 2	Effective	Minimal negative (+ some positive) impact	Medium
Option 3	Effective	Minimal negative (+ some positive) impact	High



Possible situations

Options	Effectiveness	Environment	Cost
Option 1	Effective	Medium impact	Low
Option 2	Effective	Medium impact	Medium
Option 3	Effective	Medium impact	High



Possible situations

Options	Effectiveness	Environment	Cost
Option 1	Limited effectiveness	Minimal negative (+ some positive) impact	Low
Option 2	Limited effectiveness	Minimal negative (+ some positive) impact	Medium
Option 3	Limited effectiveness	Minimal negative (+ some positive) impact	High



Possible situations

Options	Effectiveness	Environment	Cost
Option 1	Effective	High impact	Low
Option 2	Effective	High impact	Medium
Option 3	Effective	High impact	High



Possible situations



Project Funded by
the European Union

Stakeholders' Forum
Belgrade, 13-07-2012

Plovput

Summary

Basic criteria

Effectiveness

Environment

Cost

Multi-criteria analysis

Possible situations

Summary



Project Funded by
the European Union

Stakeholders' Forum
Belgrade, 13-07-2012

Plovput

Plovput

Forum

of Stakeholders of the Project

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

**Thank you
for your kind attention**

Jasna Muskatirovic, PhD
Head of Survey and Design Department



Project Funded by
the European Union

Directorate for Inland Waterways
Belgrade, 13-07-2012