

Cross-sectoral conference of
DANUBE parks CONNECTED and Danube STREAM
Dunakiliti, 25-27th of April 2017

Public participation and stakeholders' involvement in inland waterway transport projects in Serbia

A step towards sustainable inland waterway transport development

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Content

- Traditional approach
- The new paradigm
- Public participation matrix
- Integrated project planning matrix
- Tracking performance indicators
- Ensuring environmental monitoring
- Joint Statement awareness points

Traditional approach

Time for a Paradigm Shift?



Realistic

Executable

Sustainable

Traditional paradigm

The new paradigm

Changes are immanent process, it is the ability of predicting and adjusting to them that matters

Realistic

Executable

Acceptable

Flexible

Sustainable

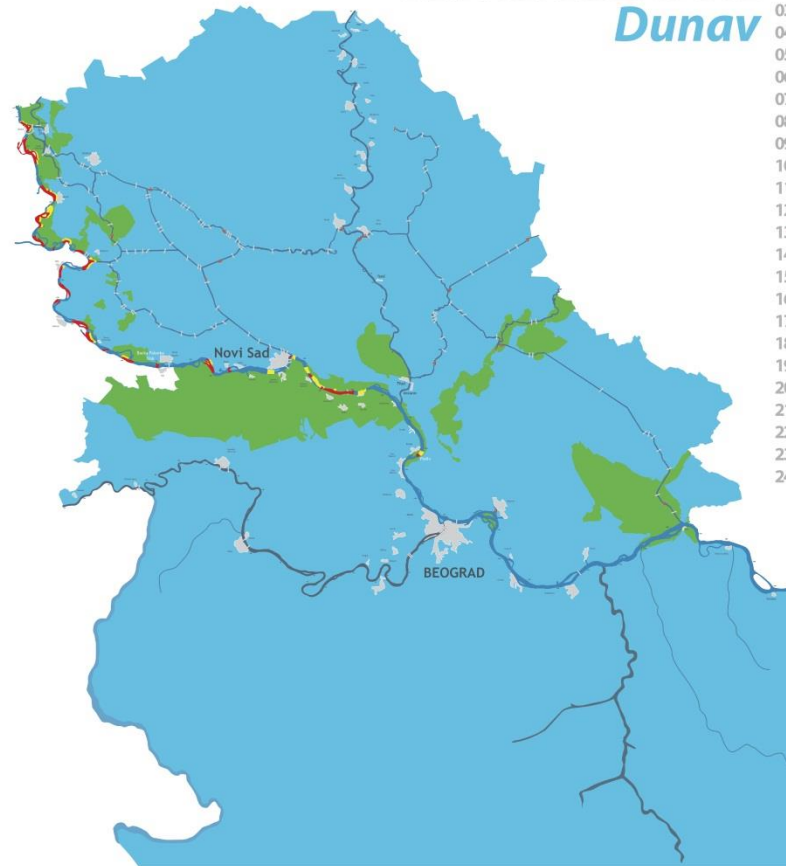
New paradigm

The new paradigm

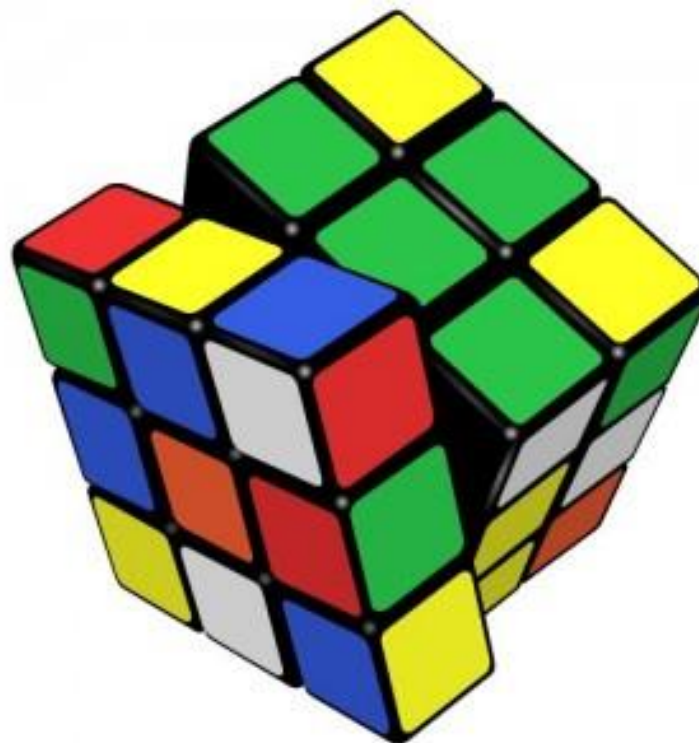
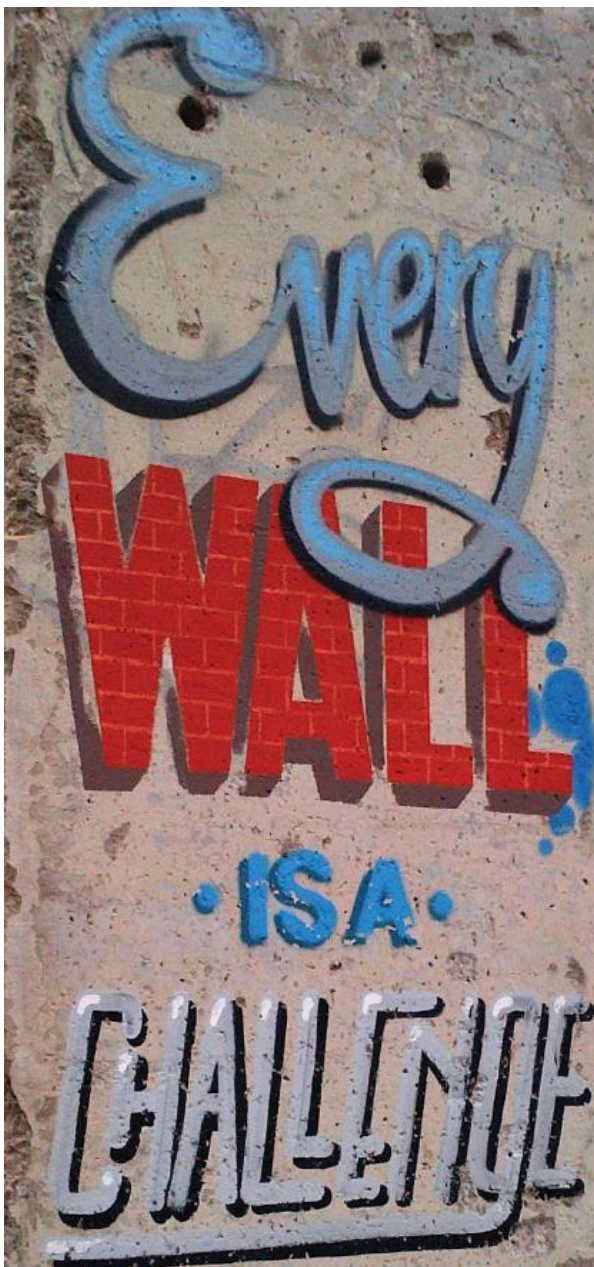
KRITIČNI SEKTORI *Dunav*

01. **Bezdan** (km 1428.0 - 1425.6)
02. **Siga - Kazuk** (km 1422.8 - 1415.0)
03. **Apatin** (km 1407.8 - 1400.6)
04. **Čivutski rukavac** (km 1396.8 - 1389.2)
05. **Drava Confluence** (km 1136.4 - 1382.2)
06. **Ajmaš** (km 1379.8 - 1379.4)
07. **Staldar** (km 1428.0 - 1425.6)
08. **Erdut** (km 1370.8 - 1367.4)
09. **Bogojevo** (km 1365.8 - 1361.6)
10. **Dalj** (km 1356.6 - 1351.8)
11. **Borovo** (km 1348.2 - 1344.0)
12. **Borovo** (km 1339.6 - 1338.6)
13. **Vukovar** (km 1331.6 - 1325.8)
14. **Sotin** (km 1323.0 - 1321.0)
15. **Opatovac** (km 1315)
16. **Mohovo** (km 1311.0 - 1308.0)
17. **Bačka Palanka - Ilok** (km 1301.2 - 1300.6)
18. **Susek** (km 1285.6 - 1281.4)
19. **Futog** (km 1266.2 - 1265.0)
20. **Novi Sad** (km 1255.4 - 1254.2)
21. **Arankina Ada** (km 1246.6 - 1245.4)
22. **Čortanovići** (km 1240.4 - 1239.4)
23. **Beška** (km 1230.4 - 1239.4)
24. **Preliv** (km 1197.8 - 1197.6)

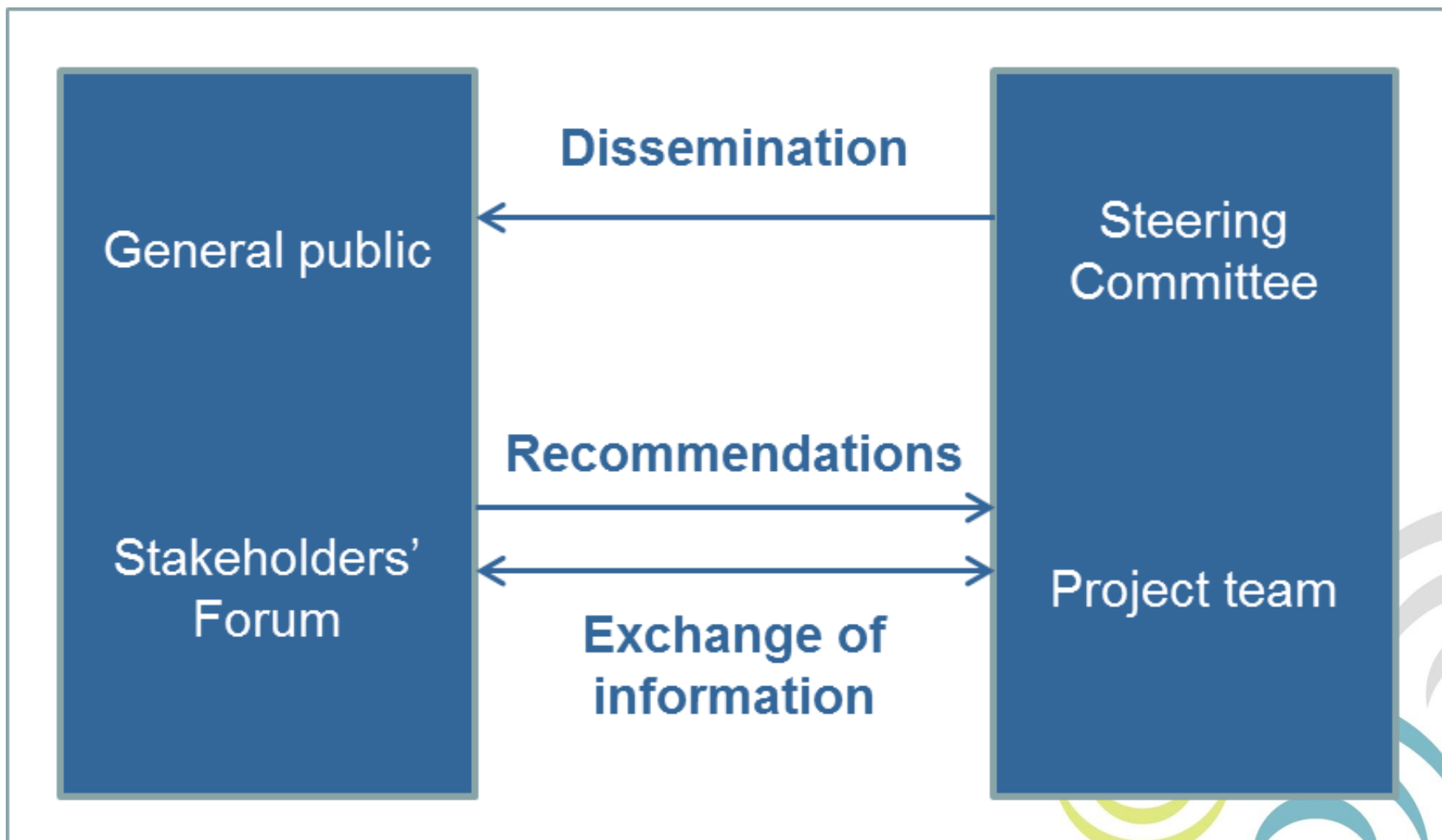
KRITIČNI SEKTORI *Dunav*



The new paradigm



The new paradigm



The new paradigm



The new paradigm

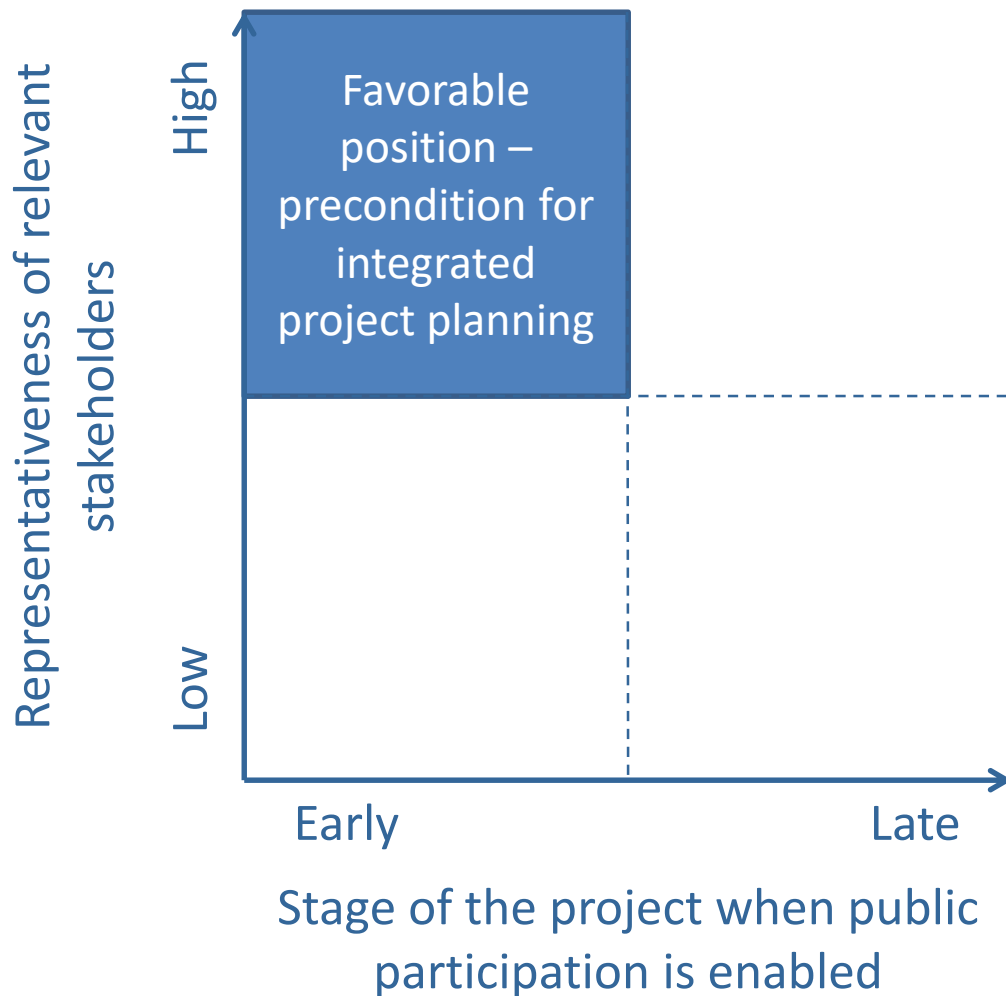


The new paradigm

- 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

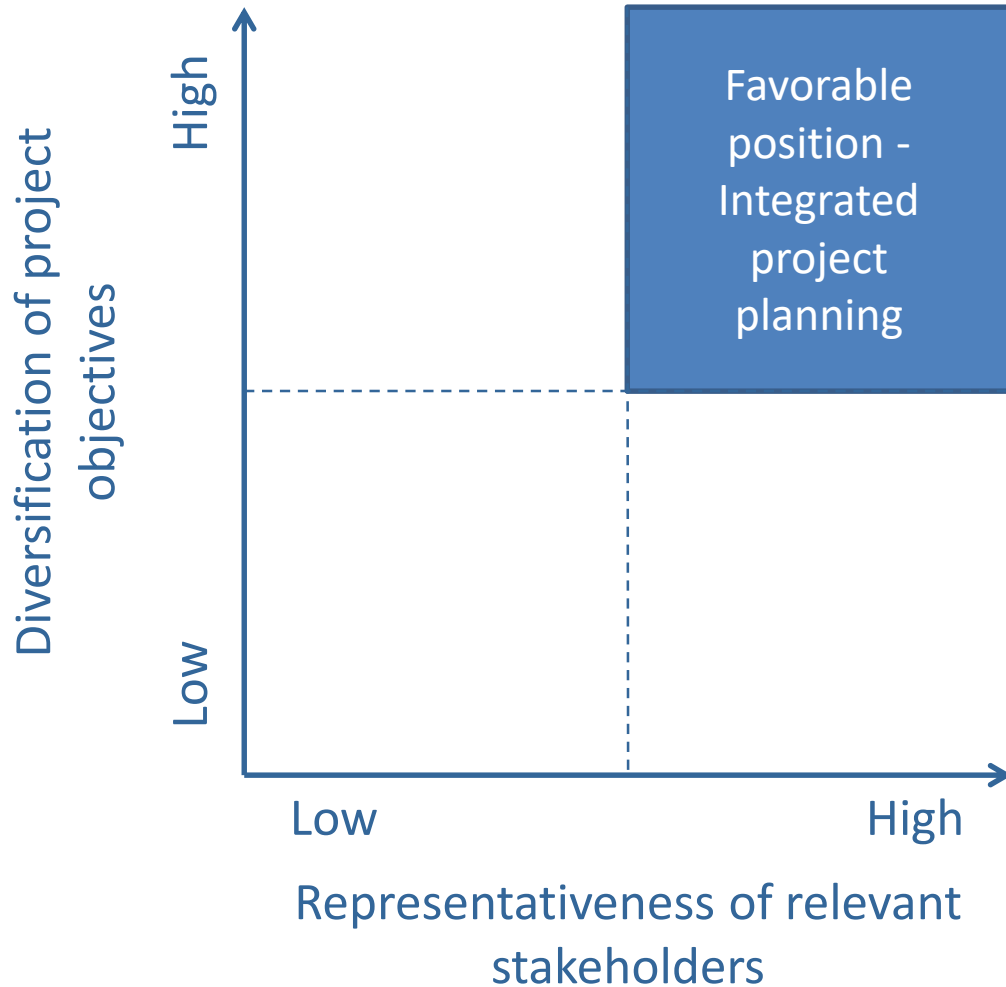


Public participation matrix



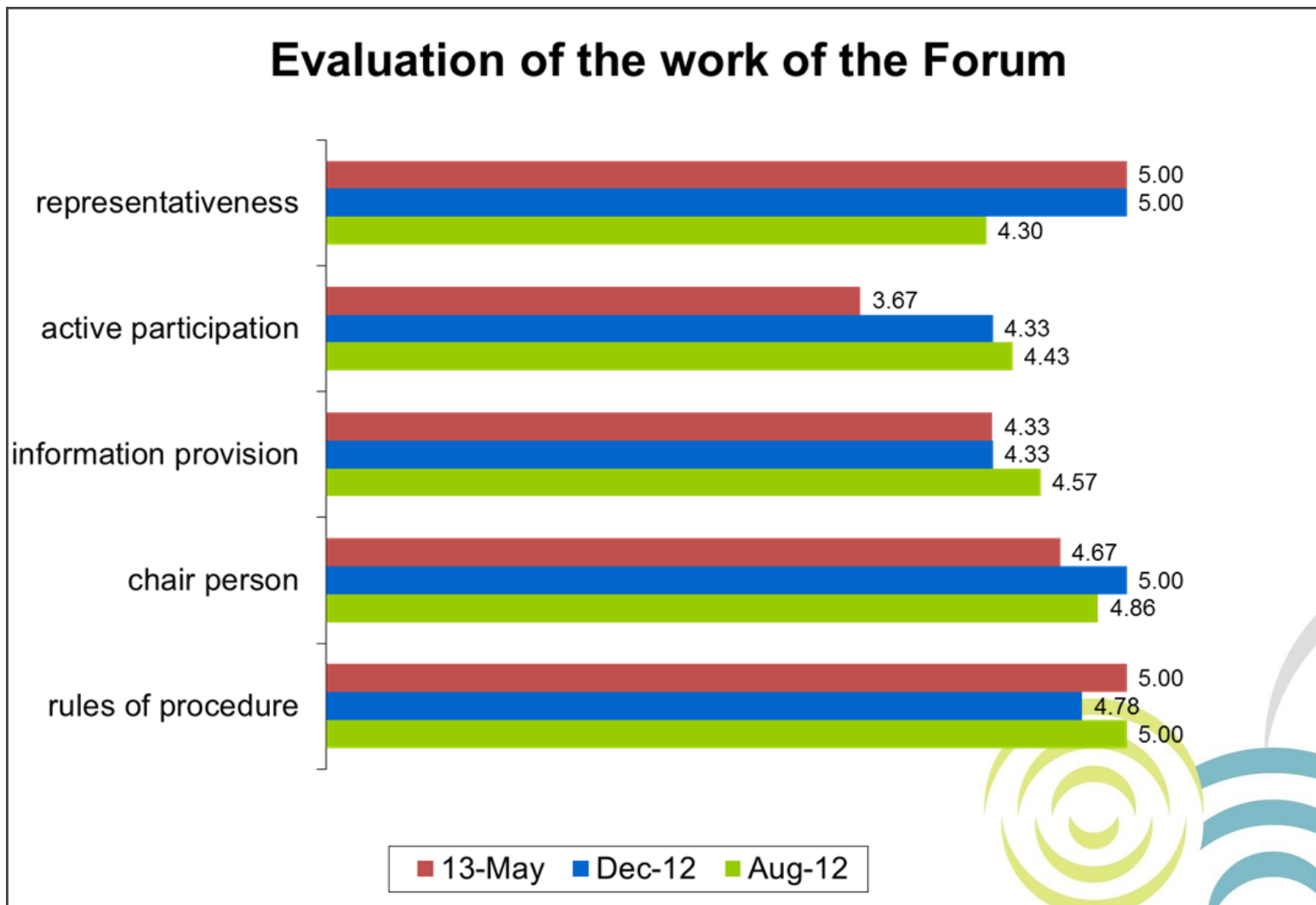
MITROVIC Ivan,
MUSKATIOVIC Jasna,
CURCIC Milica, OSTOJIC
BARJAKTAREVIC Zaneta,
ZANETTI Roberto:
**Integrated project planning
in inland waterway project,**
Smart Rivers 2013

Integrated project planning matrix



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Tracking performance indicators



Environmental monitoring ensured

- **Environmental monitoring ensured: before, during and after works**
 - **Hydro-morphology**
 - **Water and sediment quality**
 - **Biology**



Joint Statement awareness points

JS: ...supporting a dynamic equilibrium and adequate connectivity conditions...

JS: ...undisturbed longitudinal and lateral migration of all fish species and other water-related species to ensure their natural and self-sustaining development...

JS: ...a balanced sediment budget...

JS: ...Establish interdisciplinary planning teams involving key stakeholders...

JS: ...Set-up a transparent planning process (information/participation)...

Joint Statement awareness points

JS: ...Ensure the comparability of alternatives...

JS: ...Inform and consult the international river commissions in the Danube River Basin...

JS: ...Seek to avoid or, if this is not possible, to minimize the impacts of structural/ hydraulic engineering interventions...

Use of best practice measures to improve navigation...

JS: ...Ensure flexible funding ... to enable integrated planning and adaptive implementation & monitoring...

Joint Statement awareness points

JS: ...Monitor the effects of measures...

JS: ...Use a case-by-case approach...

JS: ...“working with nature” ... following the principle of minimum or temporary engineering intervention...

JS: ...Integrated design of regulation structures, equally regarding hydraulic, morphological and ecological criteria...

JS: ...implementation of measures in an adaptive form (e.g. river bed stabilization by granulometric bed improvement, low water regulation by groynes)...

Joint Statement awareness points

JS: ...Optimal use of the potential for river restoration (e.g. river banks restoration) and side channel reconnection...

JS: ...Ensuring that flood water levels are not exacerbated and, ideally, are reduced...

Summary

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Than you for your kind attention

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