dr. Aleš Bizjak Institute for Water of the Republic of Slovenia

Sustainable Integrated Management of International River Corridors in SEE Countries (SEE River)

### Contemporary River Corridor Management: From local to transboundary level, from top down to bottom up

European River Restoration Conference Vienna, 13 September 2013







### **Content of the presentation**

- ➤ Drava River Vision Declaration 2008
- > SEE River project: basic information
- > Challenges of contemporary river corridor management
- > SEE River project approach and main expected results
- ➤ Contribution of the SEE River Session and its partcipants to the SEE River project and to the ERRC 2013







# Drava Drava Drava Neretva River Corridor Sustainability Contemporary River

### **Drava River Vision Declaration 2008**

Contemporary River Social 1987

Contemporary River Social 1987

Cross-sectro approach

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River Corridor Dray

Stakeholders engagement







### **Drava River Vision Declaration 2008**

- ➤ Initiated by the Drava River Vision International Symposium of LIFE project Life Vein Upper Drau River (Carinthian Government) in September 2008
- > At the Symposium the Drava River Vision Declaration was signed by 5 high officials from riparian states Italy, Austria, Slovenia, Croatia and Hungary
- Over 120 participants, including 14 present SEE River project partners and observers, attended the Symposium









### **Drava River Vision Declaration 2008**

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# Transboundary management Soča Transboundary management Neretva River Corridor Sustainability Contemporary River

### **SEE River project: basic information**

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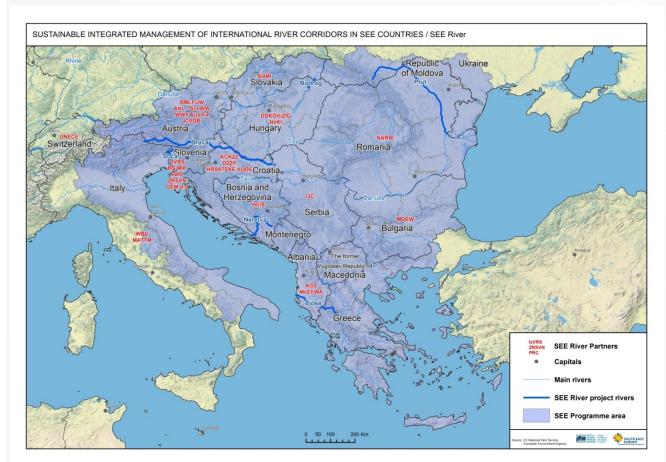
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### **SEE River – basic information and partnership**



### THE PROJECT

- project funded by the South East Europe Territorial Cooperation Programme
- lead Partner: Institute for Water of Republic of Slovenia
- project Partners: 26 from 11 countires (22+4 international)
- project duration: 1 October 2012 30 September 2014
- total project value: 2,107,354.30 € (85% co-financed by EU)

### THE PARTNERSHIP

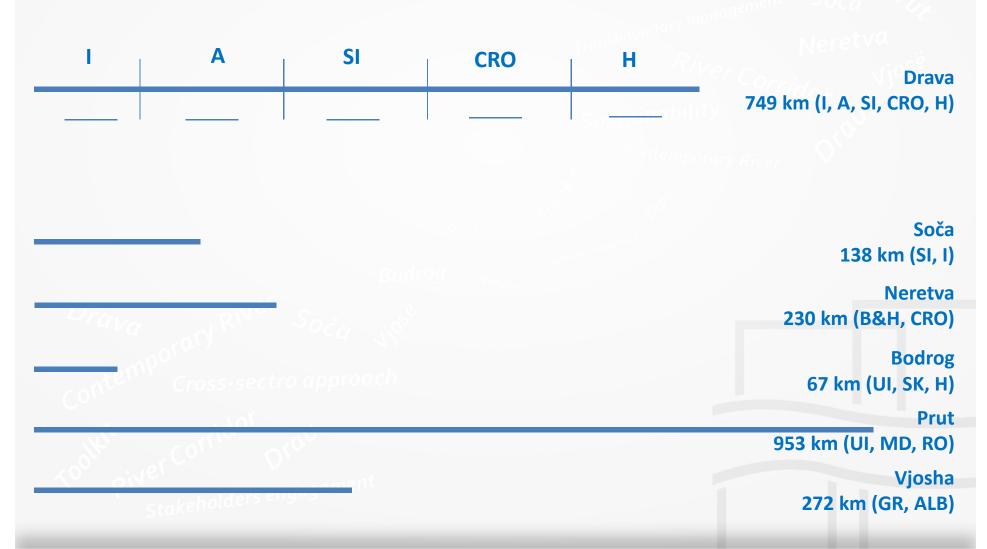
- different sectors
- different administrative levels
- different types of organisations
- partners from 5 Drava-riparian states (IT, AT, SI, HR, HU)
- partners, representing territories of 5 other rivers: Bodrog, Neretva, Prut, Soča, Vjosa (SK, BiH, RO, RS, AL)







### **SEE River pilot transboundary rivers**









### **SEE River pilot transboundary rivers**

	Fiscalina (I) (60 km2)	Drau (A) (60 km1)	Drava (SI) (50 km1)	Drava (HR) (60 km2)	Drava (H) (40 km2)
flood protection	X	X	X	X	
nature conservation	X	Х	X	X	Х
forestry	X			X	Х
agriculture	X				Х
land use	Х			X	
tourism	X				Х
transport	Х				
hydropower utilisation			X	X	
minning				X	
navigation					Х
fishing					X







### **SEE River pilot transboundary rivers**













Ctakeholders engage









### Challenges of contemporary river corridor management

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### **Contemporary River Corridor Management**

- > operates on combination of local, regional, national and transboundary levels,
- ensures accomplishment of all protective and developmental sectoral goals, initiatives and measures as well as interests of riparian local communities,
- respects accomplishment of good water status, flood risk reduction, biodiversity preservation and other state based demands,
- involves stakeholders from relevant sectors from the very beginning of the planning proces,
- > considers supposition that water needs more space than we usually do understand in our perception, planning and activities.



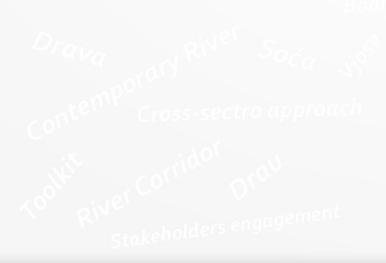




### **Challenges of CRCM**

Challenges of contemporary river corridor management:

- Determination of the area of work the river corridor.
- > Determination of the vision of the river what is a contemporary river?
- > Cross-sectoral approach with early involvment of stakeholders..
- > Top-down and bottom up approach and combinations.









Drava

Drava

Drava

Transboundary management

Neretva

River Corridor

Sustainability

Sustainability

### (1)

### **Challenges of CRCM: river corridor determination**

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Cross-sectro approach

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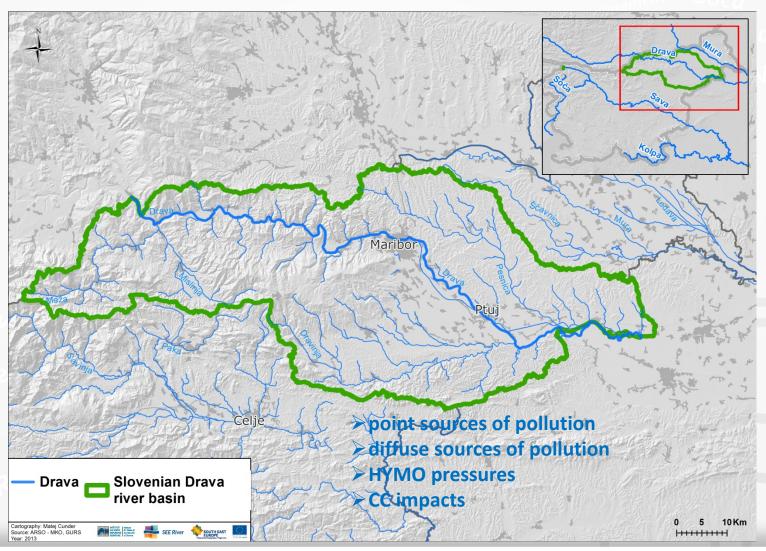
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Stakeholders engagement





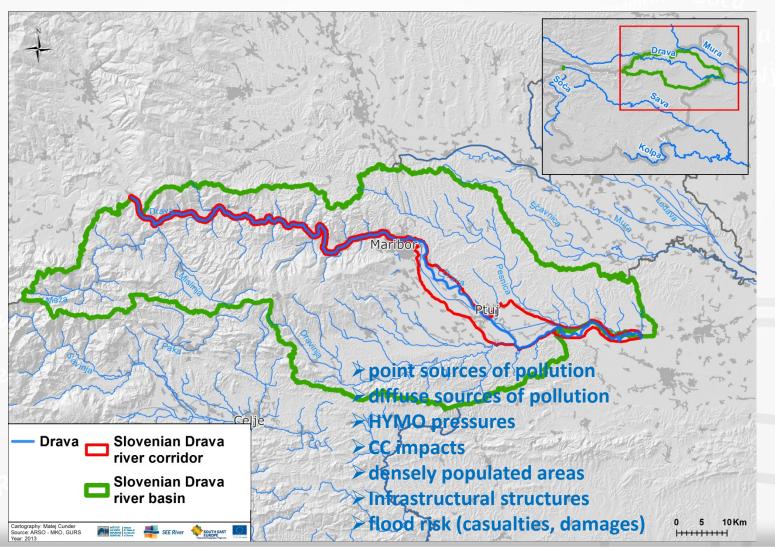








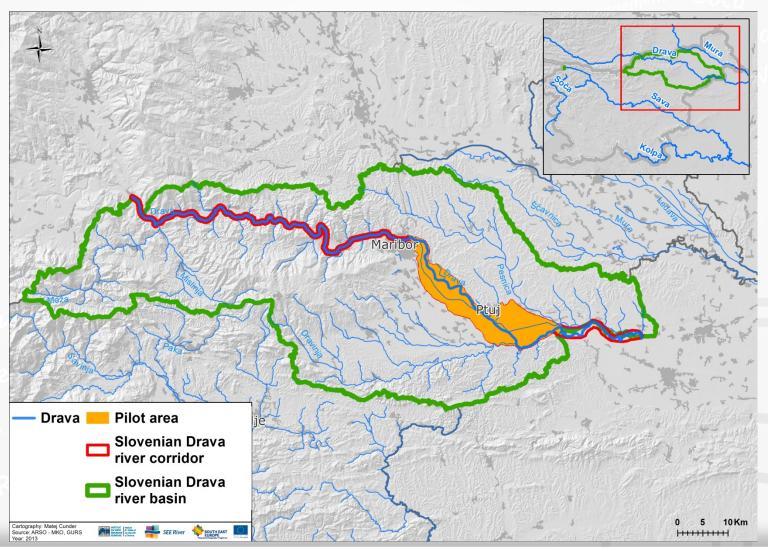








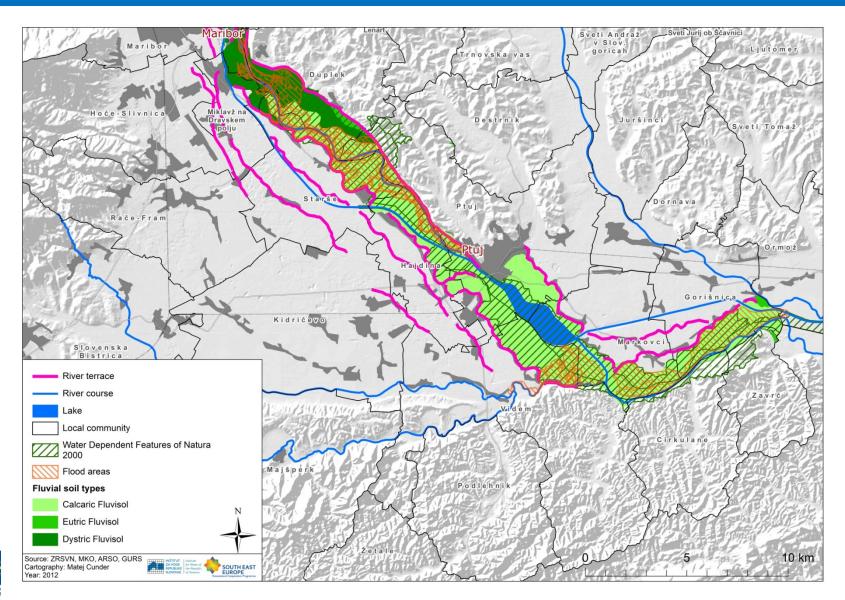














Drava River, downstream Maribor, 30 August 2013



Drava River, downstream Maribor, 5 November 2012



Drava River, downstream Maribor, 5 November 2012







### Challenges of river corridor determination

- > Not an administrative category, rather a scientific one.
- > Not a mandatory area of work, rather pragmatic one.
- > Agreement on a robust method for delienation.
- Lack of data.











### (2)

### Challenges of CRCM: articulation of a common vision of a river

Contemporary River Soca 1500 Contemporary River Corridor Orall River Corridor Stakeholders engagement







### Vison of a river – experiences from the past



Sava River, View from Šmarna gora (Marko Pernhart, around 1850).



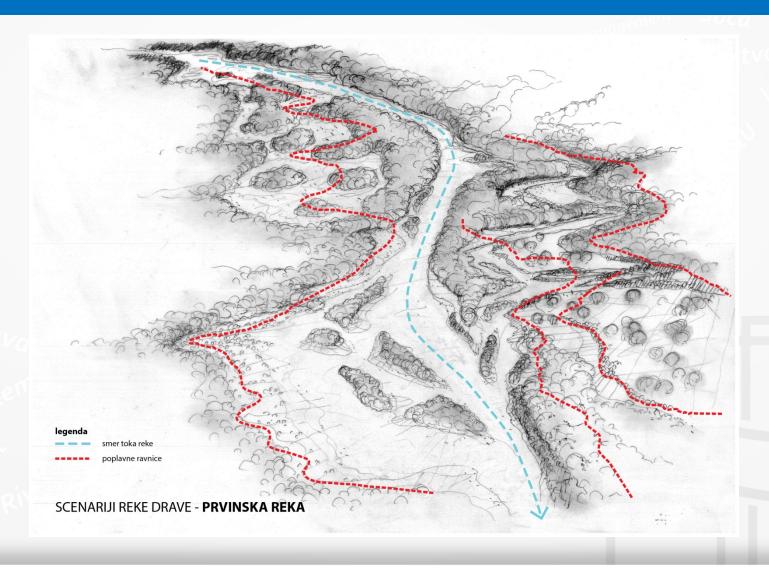
Sava River, View from Šmarna gora (2012).







### Vision of a river – a Midlle Ages river?









### Vison of a river – an overpopulated river?

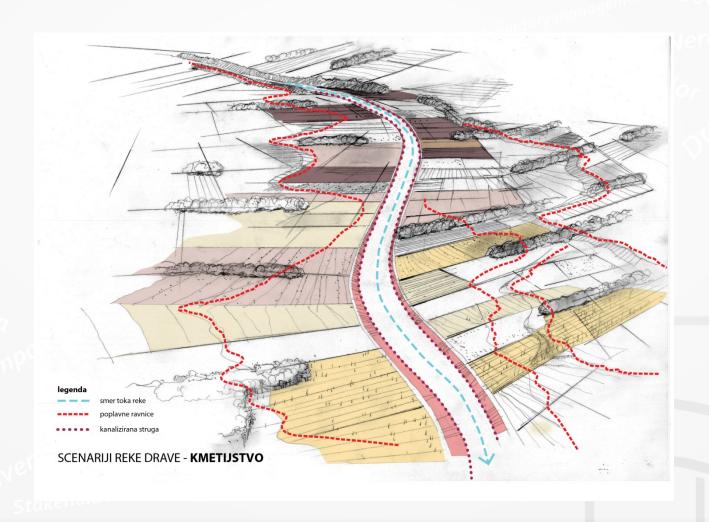








### Vision of a river – an agricultural river?

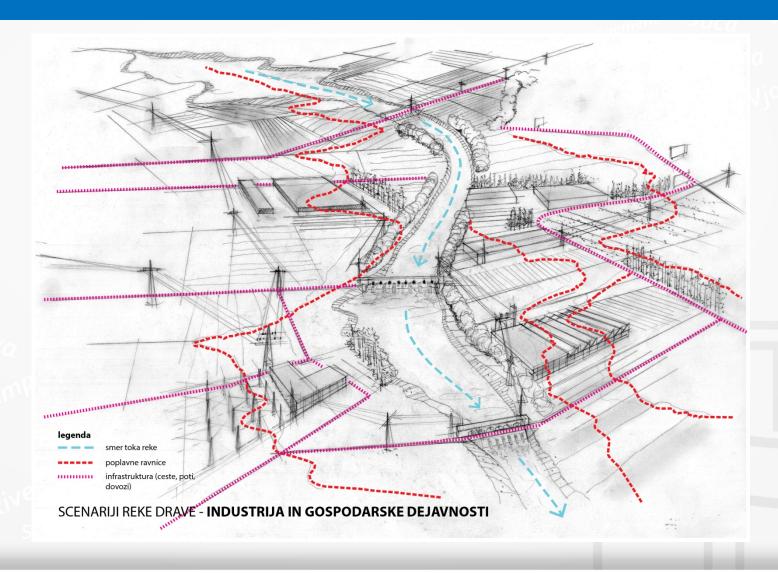








### Vision of a river – an industrial river?

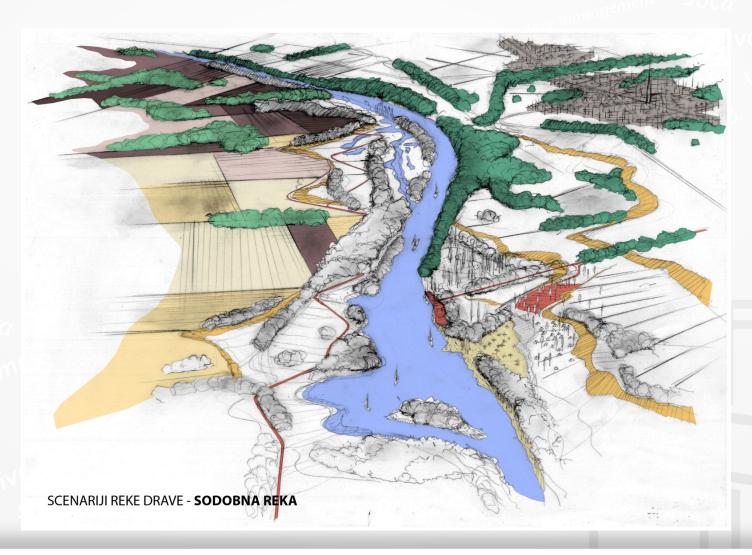








### Vision of a river – a contemporary river!









### Challenges of articulation of a common vision of a river

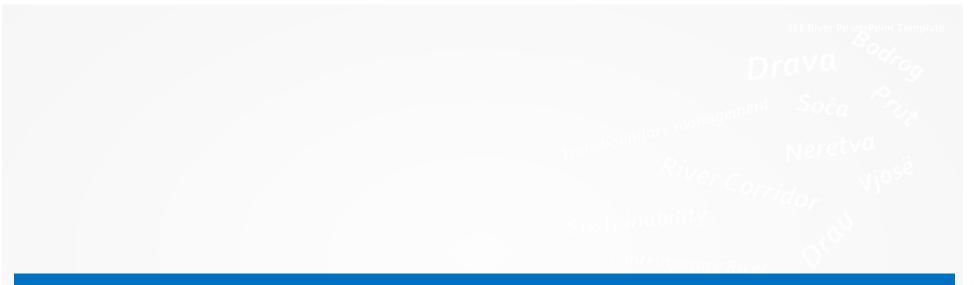
- > Development of systematic and robust approach.
- > Building consensus omnium about a common vision.
- > Anchoring decisions made.
- > Ensuring commitment of the involved parties to the agreed vision.











### (3)

### Challenges of CRCM: cross-sectoral, top down and bottom up approach







### **Cross-sectoral approach**

Sectoral objectives are often antagonistic and thus provide a challenge for authorities when it comes to the implementation stage.











### Top-down and bottom up approach

Management of local, regional, national and international river corridors is affected by:

Variety of interests on local, regional, national and international level.

Wide scope of national and international legislation.

EU directives, in particular WFD, FD, HD, BD and RES directive.

International agreements and conventions.







### Challenges of cross-sectoral, top down and bottom up approaches

- ➤ Lack of knowledge and understanding of administrative and management processes.
- > Lack of understanding of sectoral objectives.
- Lack of trust among stakeholders representing different sectors and levels,
- Lack of appropriate, facilitated communication between stakeholders from different sectors and levels local, regional and national level.
- > Lack of clear responsibilities on the administrative level.
- Lack of coordination bodies with necessary skills that would ensure effective cooperation between levels and sectors.









### SEE River project approach and main expected results

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Contemporary RN Soca







### **SEE River project key issues**

### **Project goal**

To improve capacities of existing local, regional, national and international structures for effective transboundary and cross-sectoral linking and networking in executing river corridor management issues (by promotion of the SEE River TOOLKIT).

### **Project theme**

Cross-sectoral participatory management of transboundary river corridors.

### **Project aim**

To empower the **multi-sectoral stakeholders sharing** the territory of **an international river corridor** to gain knowledge on contemporary river corridor management, **exceeding sectoral, local and national interests** in order to ensure good water status and flood protection, preserve nature, biodiversity and ecosystems, and to **enable development** at the same time.

In this way we want to make rivers in SEE and beyond contemporary rivers.







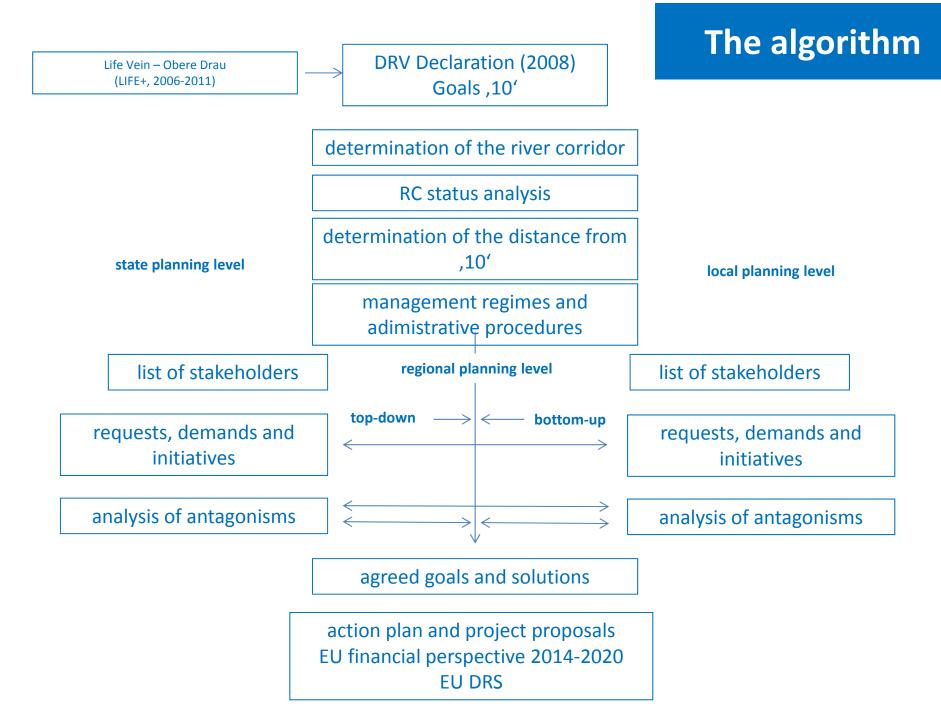
### SEE River project – the approach

- Predefined and managable area of work.
- Involvement of relevant stakeholders from the beginning of the process.
- Cross-sectoral approach.
- > Involvement of riparian local communities.
- Procedural dispostion.
- Harmonised approach and simultaneous development in several countries.
- Development of a method for cross sectoral recogniliation.
- Comparison of results of same or similar methods in several countries.

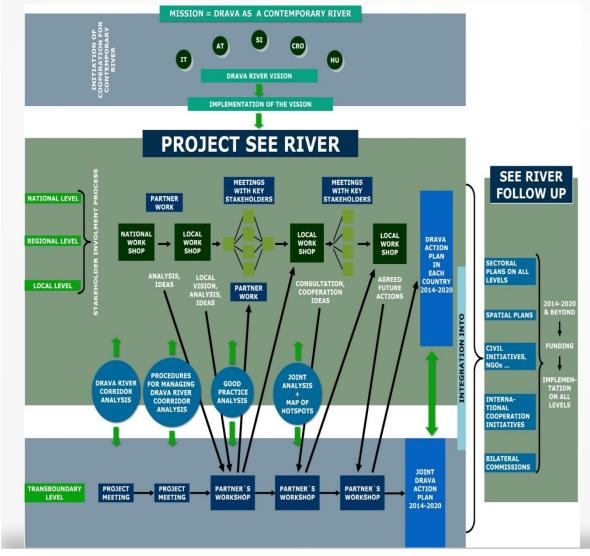


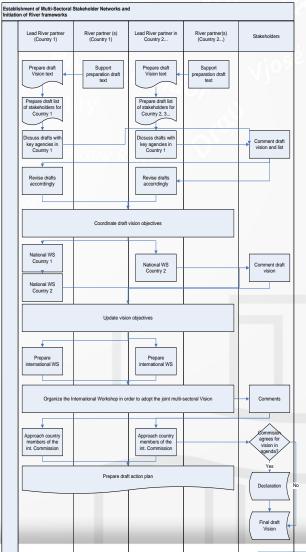






### SEE River project – the approach











### **SEE River – main expected project results**

- Toolkit for Integrative Management of International River Corridors developed as a joint approach to integrative management of river corridors in SEE;
- > Drava River Action Plan for integrative management of the International Drava River;
- > 5 Local Action Plans for future management of 5 Pilot Areas on the Drava River corridor;
- > 5 Draft Action Plans for integrative management of the Bodrog, Neretva, Prut, Soca, and Vjosa river corridors;
- ➤ 11 follow-up project proposals prepared on the basis of future joint actions agreed during stakeholder workshops for preparation of the Drava River Action Plan and pilot actions, and through the initiation of Draft River Action Plans on the other five SEE river corridors;
- Sustainability plan for future cooperation and expansion of the SEE RIVER network of experts.







### SEE River Toolkit – pragmatism

stakeholders to be involved in each phase of the decision making processes

approaches for establishing common vision, goals and river action plans

techniques for communication, dialogue, facilitation, moderation, mediation



procedures and phases for harmonisation of diverse objectives on planning levels

integration of the transantional agreements into relevant sectoral documents on N, R and L level







### **SEE River Toolkit**

### SEE River Tookit is:

➤ a generally applicable, practical how-to-do-it guidance to help authorities reach a common agreement on management of river corridors for harmonisation of conservation and development interests.

### SEE River Toolikt end-users are:

- policy makers and public administrations with legal responsibilities in river corridors (management) at local, county/regional and national levels:
   Governmental bodies: ministries, province/county/district/local offices,
   Public agencies and management institutions for spatial planning, transport,
   nature, (drinking, irrigation) water, floods, etc.
- > stakeholders (mostly private but some may be government-owned) with vested interests in the river corridor (land and/or river resource users):
- ➤ land owners, industry, agriculture, forestry, fisheries, recreation/tourism, NGOs etc.
- > other potentially Interested public (local residents, schools, universities etc.)







### Drava Drava Drava Drava Neretva River Corridor Sustainability Contemporary River

### Contribution of the SEE River Session and its partcipants to the SEE River project and to the ERRC 2013

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### **Contribution of the SEE River session partcipants**



Contemporary Cross-sectro approach









### Thank you for your attention! ales.bizjak@izvrs.si www.see-river.net SEE River