

# Follow up project to the Assessment of the Water-Food- Energy-Ecosystems Nexus and benefits of cooperation in the Drina Basin

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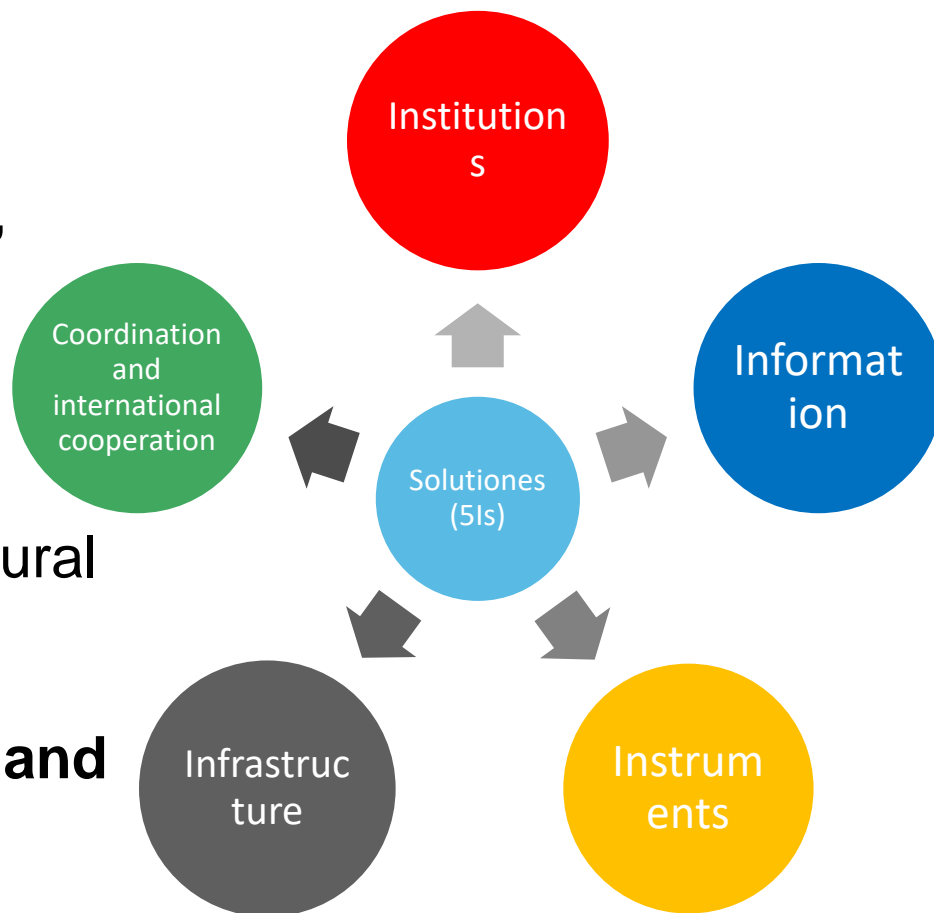
Convention of the Protection and Use of Transboundary Watercourses and International Lakes



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# Main types of solutions

- **Institutions** (intersectoral, multiple level governance, engaging resource users, responsibilities etc.)
- **Information** (multi-sector information to support policy, assessing impacts across sectors, guidelines etc.)
- **Instruments** (economic instruments, SEA etc.)
- **Infrastructure** (built and natural – investments, operation, multiple use designs etc.)
- **International coordination and cooperation** (sharing information, plans, good practices etc.)



# Clusters of solutions: Drina Basin





# SUGGESTED SOLUTIONS

## I: Co-optimizing the flow regulation

- 1.Coordination in the operation of the hydro power plants in the DRB.
- 2.Cooperation to Mitigate the risk against Floods.
- 3.Environmental flow considerations.
- 4.Assessment of new hydro power plants projects.
- 5.Motivating the implementation of Energy Efficiency measures.



## II. Promoting rural development

### Suggested direction:

Promoting integrated rural development in the basin by exploiting the existing synergies between eco-tourism, sustainable agriculture, renewable energy production, at the advantage of local businesses and communities.

Through, for example:

- Developing organic agricultural production
- Reducing the share of unused land
- Expanding irrigation, using high-efficiency technologies and water reuse
- Promoting eco-tourism and sustainable tourism
- Developing Farmer Based Organizations



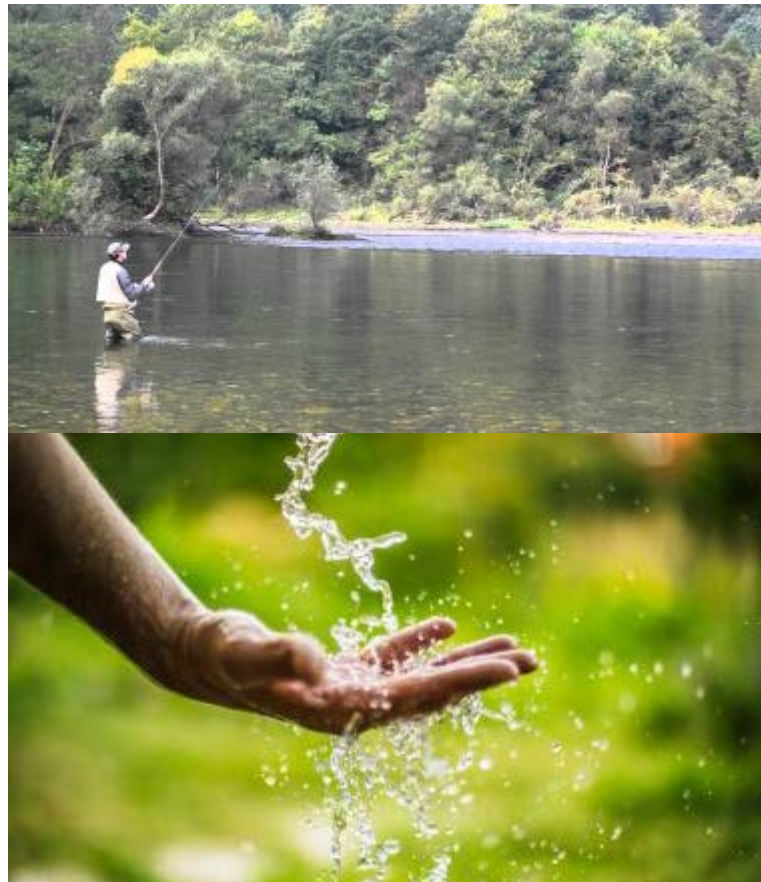
# III. Improving water quality

## Suggested direction:

1) Achieve an up-to-date, coherent and transparent picture of the water quality of the whole basin and how it affects the biodiversity and ecosystem. and getting a clear view of the spread and movement of contaminants

2) Improve treatment of wastewater and disposal of solid waste constructing and extending the necessary infrastructure, considering also decentralized and nature-based solutions wherever possible

3) Explore options for municipal waste and wastewater use in agriculture and/or for energy production





## IV. Broadening and developing cooperation

- Explore development of a 'Drina nexus platform'
  - Possibly under ISRBC auspices
  - Extending contacts with other processes (Energy Community, SEE Rural Development SWG etc.)
- Detailed national nexus governance assessments carried out by each government
- Potential to better align policy timelines and related planning cycles of the different sectors
- National level capacity building, public education campaigns
- Pilot assessment tools (such as sustainability impact assessment) with nexus framework

