



UNECE

Session 2. Roadmap to Benefits Opportunities Assessment Dialogue

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The Roadmap and Value of a Benefit Opportunities Assessment Dialogue

- Approach: bringing stakeholders to work together → more robust analysis of options
- Aim: jointly identify opportunities to increase shared benefits → more robust decision-making
- Structure in concept blocks follows the Roadmap to benefit sharing

BOAD builds on previous work

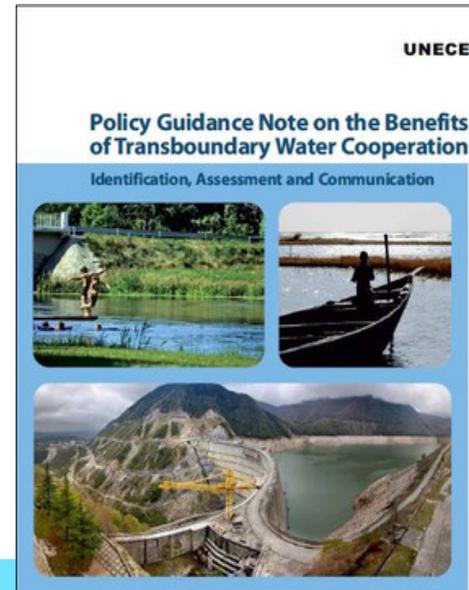
- Building River Dialogue and Governance - BRIDGE

An IUCN programme running in 14 basins across 6 regions in the world



- Policy Guidance Note on Benefits of Transboundary Cooperation

A Product of the
UNECE Helsinki
Convention
Secretariat



BRIDGE and Benefit sharing

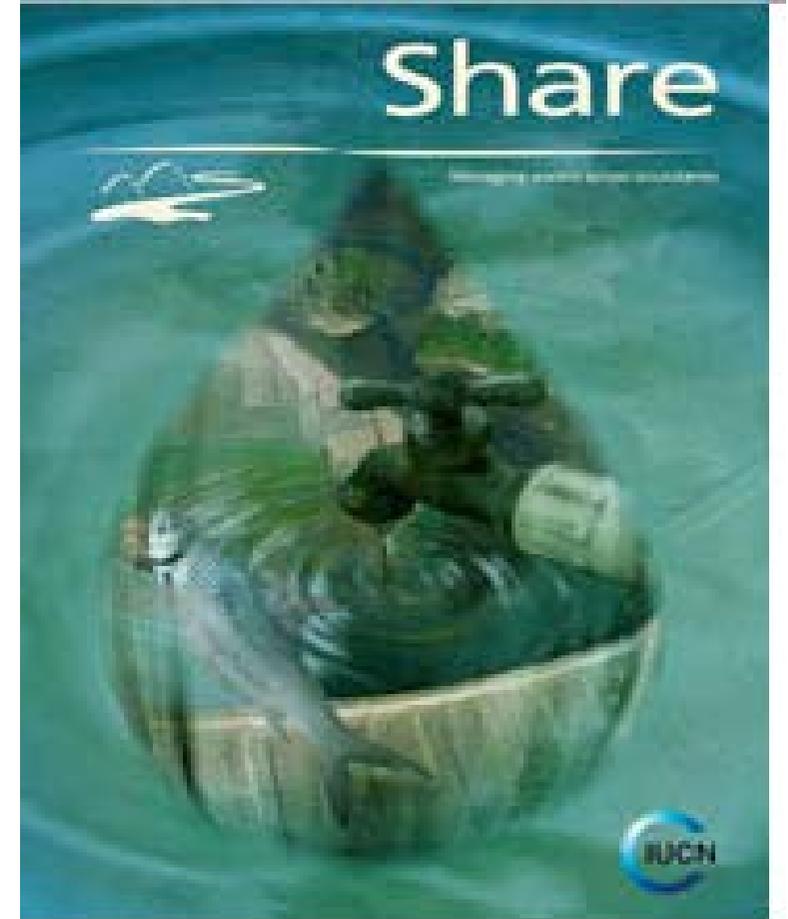
- **Transboundary IWRM: shared benefits for shared waters**
- **Cooperation between stakeholders who share the resource**
- **Institutions for governance of shared waters**

Benefit sharing: an approach to achieve win-win outcomes for multiple stakeholders in a basin

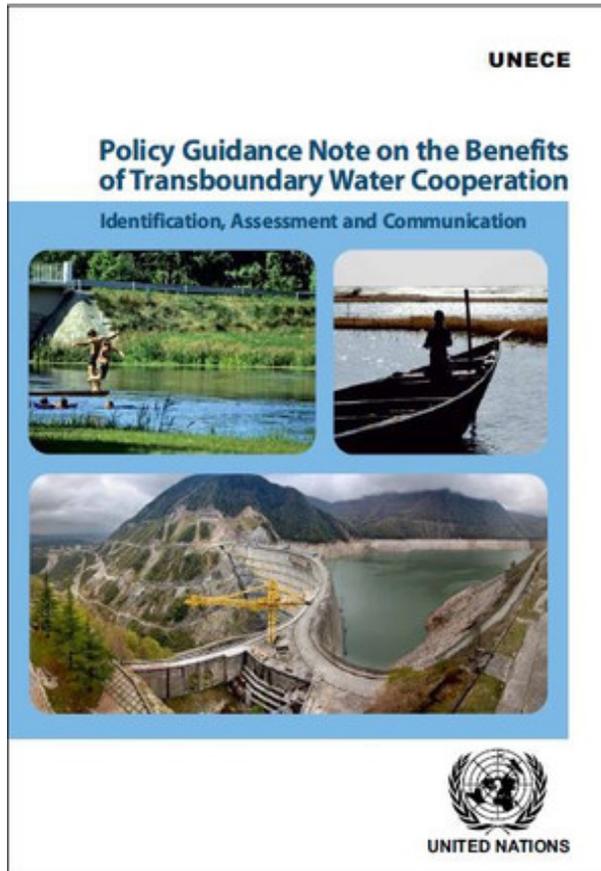


Principles of Benefit Sharing

- Share *benefits* from water use rather than volumes of water allocation
 - Benefits *for whom*: stakeholders from national to local level
 - Benefits *and costs*: from national to local level
- More **efficient** , **equitable** and **sustainable** management of the basin



The UNECE Policy Guidance Note on the benefits of transboundary water cooperation



Aim

Contribute to the realization of the potential benefits of transboundary water cooperation

Background

Developed under the framework of the

Helsinki Water Convention

Collaborative achievement

Adopted by MOP

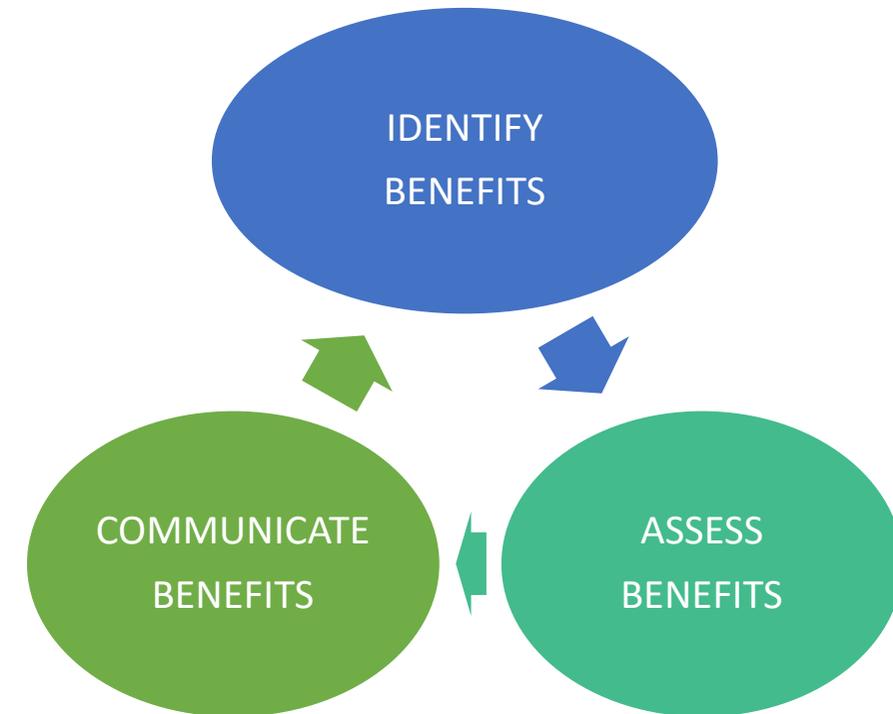
Tool of global relevance





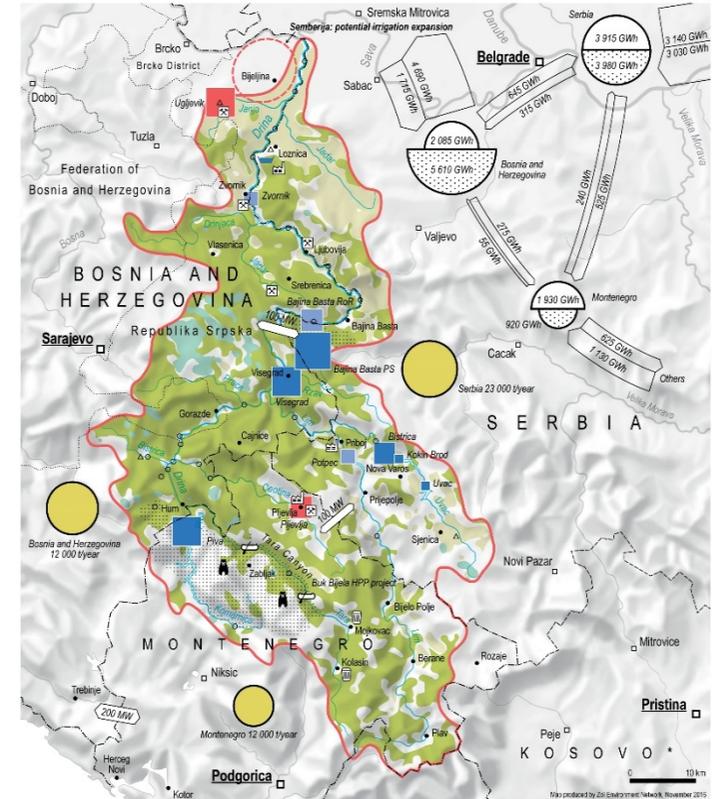
The UNECE Policy Guidance Note on the benefits of transboundary water cooperation

- Recommends to carry out assessments of the benefits of cooperation:
 - Provide fact-based argument for starting up cooperation or developing stronger cooperation
 - Broaden the scope of cooperation by defining a “benefit cluster”
 - Attract financial resources to implement water cooperation solutions
- Conceptual framework and guidance (starting point), no technical guidance
- Learning exercise - “pilot projects” in CORB, Drina, SMM



The benefits of cooperation in the Drina basin

- Part of a UNECE Nexus Assessment
- Workshop 1: Presentation of conceptual framework, discussion of target audience
- Workshop 2: Participatory look at past and future benefits
- Modelling work: hydropower operations
- Desk work: Discussion of benefits of actions in priority nexus areas
 - Hydropower
 - Rural development
 - Water quality



Nexus Drina basin

Power plant facilities

- Thermal power plant (coal/oil/gas)
- Hydro power plant with reservoir
- Run-of-river hydro power plant
- Projected thermal power plant
- Projected hydro power plant

Installed capacity (MW)

- > 500 MW
- 250 - 500 MW
- 100 - 250 MW
- 50 - 100 MW
- < 50 MW

Main sources of pollution

- Industry / energy production
- Mining
- Municipal waste (Montenegro: only 65% coverage of sewage collection systems in urban areas)

Sites of touristic interest

- Water sports
- Biodiversity
- Spa

Landcover

- Forest
- Agriculture
- Pastures

Electricity

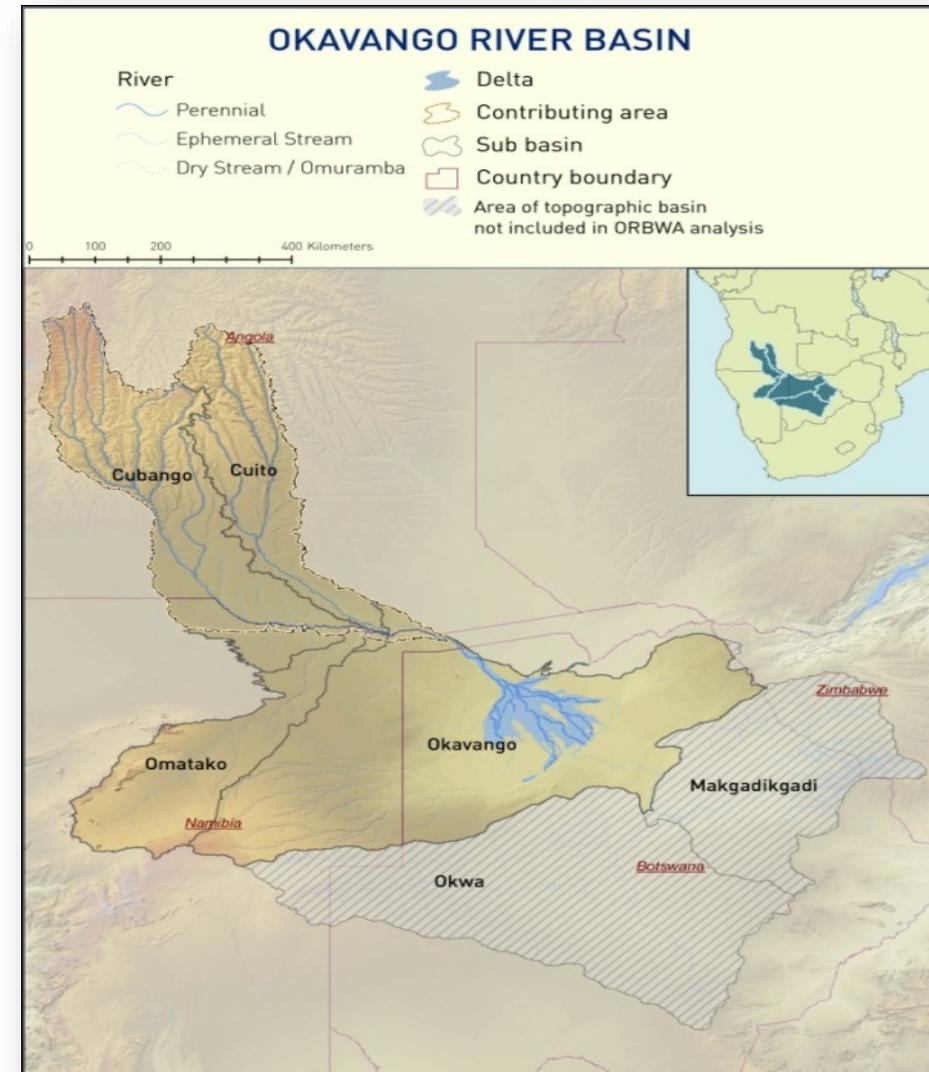
- Electricity trade 2015 (GWh)
- Import
- Export
- Net transfer capacities (MW)

Protected areas

Source: UNEP, EBR, Support to Water Resources Management in the Drina River Basin, Final Report, 2016; European Environment Agency, Corine Land Cover 2006 (2012); Pollution in the Drina River Basin, The Regional Environmental Center for Central and Eastern Europe (REC), 2011; United Nations Corine Database
 *The delineation is used primarily for position on scale, and is in line with UNEP, 1994 and the CJ Opinion on the Kosovo Declaration of Independence.

The benefits of cooperation in the CORB

- Building on UNECE 'conceptual framework'
- Project funded by WB and CRDIF, support by UNECE
- 3 national benefit identification workshops → national perspective papers
- Basin report discussed at final basin workshop
- Benefit assessment + MSIOA process → supporting evidence for OKACOM's decision processes based on investment options analysis
- Opportunities for further regional integration benefits



Benefit Opportunities Assessment Dialogue:

- At the scale of a basin or sub-basin
- Stakeholder-inclusive mapping and visioning process
- Qualitative assessment of opportunities for benefit enhancements through cooperation
- Joint creation and evaluation of scenarios
- Paving the way for quantitative assessments, scenario refinement, trade-off analysis and decision-making

Concept 1

River basins offer different types of benefits that can be shared, vs. sharing the allocation of water

Concept 2

Watersheds can be managed with decisions based on sharing benefits equitably among stakeholders

Concept 3:

Opportunities for enhancing benefits can be identified jointly

Concept 4

Several methods to value and distribute benefits and costs exist, with different data needs

Concept 5

Negotiation based on benefit-sharing takes a win-win approach

Concept 6

Implementation of benefit-sharing requires functional institutions

Concept 1

River basins offer different types of benefits that can be shared, vs. sharing the allocation of water



Skill 1

Identify the different types of benefits

Concept 2

Watersheds can be managed with decisions based on sharing benefits equitably among stakeholders



Skill 2

Identify stakeholders from local to national levels, and any potential equity issues

Concept 3:

Opportunities for enhancing benefits can be identified jointly



Skill 3

Identify and build benefit enhancing scenarios using BOAT exercise

Concept 4

Several methods to value and distribute benefits and costs exist, with different data needs



Skill 4

Become familiar with frameworks for valuation and identify data needs

Concept 5

Negotiation based on benefit-sharing takes a win-win approach

Skill 5

Designing and negotiating benefit-sharing agreements

Concept 6

Implementation of benefit-sharing requires functional institutions

Skill 6: Identify institutional gaps for implementation of benefit-sharing and take steps to overcome them

Questions? Comments?

