#### Revised Governance Methodology for Nexus Assessment



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# Objectives of Governance Assessment

- To gain a better understanding of the context in which nexus sectors of activity operate
- To generate understanding of instruments, actors and institutions aimed at transboundary cooperation to achieve sustainable integration of the different sectors
- To achieve a better understanding of a complex system, of its performance, strengths and weaknesses at different scales and entry points



### The Task

"Revise the governance component of the nexus assessment methodology covering all the four sectors/resources (water, energy, land/agriculture and ecosystems) and work out an improved general governance assessment framework with supporting aids such as a matrix or a check list of features by sector and/or a governance survey."



# Complexity

Governance in the context of nexus has several problematic aspects —

- 1. differences in governance structures, institutions and cultures across sectors
- 2. differences in geographical scale of policy and decisionmaking/ - global/regional/river basin, transboundary/national/subnational
- 3. differences in decision-making processes and differences in planning cycles (timing)
- 4. Changes in global/international governance context



# The Revised Governance Methodology

#### Provenance

- 1. Diagnostic audit methodology (e.g., Tisza River Basin, REC)
- 2. Preliminary draft governance methodology (C. Bréthaut, University of Geneva), tested within a research project regarding the Rhone River basin
- 3. Practical adaptation and provisional application in several basins
- 4. UNECE, "Reconciling resource uses in transboundary basins: assessment of the water-food-energy-ecosystems nexus" (particularly, the chapter on "Nexus assessment methodology and its development process" and Annex V: "Guide to the Governance Analysis")
- 5. Water article by de Strasser et al.
- 6. Feedback



# The Revised Governance Methodology

#### Considerations

- 1. Take into account lessons learned
- 2. Acknowledge variation in basins
  - Geophysical, socioeconomic, geopolitical, cultural
- 3. Allow for adaptation
  - RGM has to be elemental and flexible
- 4. Ownership and need for updating on national level



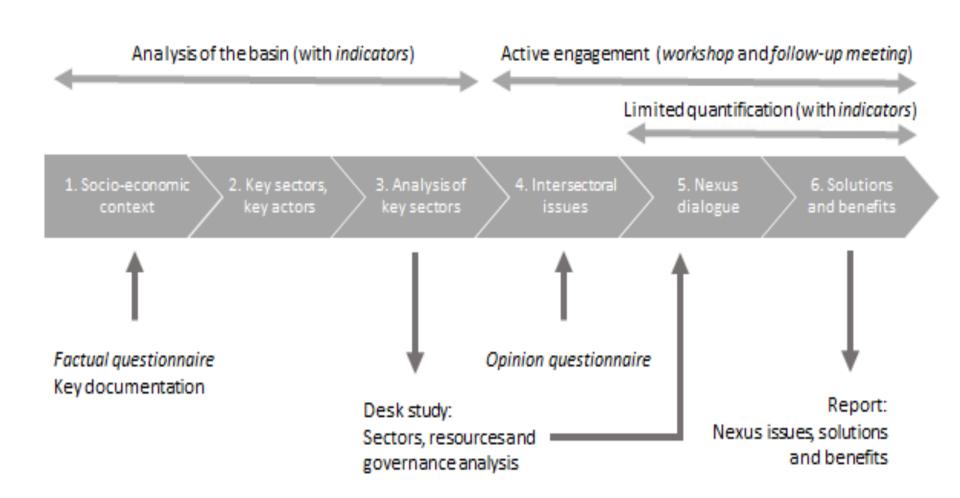
# The Revised Governance Methodology

#### Overview

- 1. Background
- 2. Rationale
- 3. Assumptions
- 4. Governance entry points in overall methodology
  - Socioeconomic context
  - Key sectors and actors/mapping
  - Sectoral analysis
  - Intersectoral analysis
  - "Nexus dialogue"
- 5. Solutions and benefits



### **Stages in Nexus Assessment**



# Governance Assessment Methodology

- Some key elements:
  - Global/regional/transboundary policy frameworks
  - Strategic decisions/implementation and acceptance
  - Scope of transboundary cooperation/institutions
  - Gaps and conflicts
  - Conditions (effective institutions, ROL, SH engagement, transparency, capacities, corruption)



# Framework for Environmental Governance: Global

- Global Conferences (Stockholm, Rio, Jo'burg, Rio+20, trade/development conferences)
- 2015 SDGs Sustainable Development Agenda for 2030 (e.g., SDG 16)
- Paris Agreement
- Sendai Framework on DRR



# Governance Context in Brief (Sava and Drina examples)

- Global SDGs, MEAs, declarations, etc
- Regional MEAs, e.g., Water Convention, Espoo, SEA
- EU membership WFD, CAP etc
- European Energy Community
- Basin-level organizations Danube and Sava
- Bilateral arrangements



### National Governance Assessments

- Sectoral and intersectoral
- Mapping institutions and actors
- Legislative/regulatory frameworks
- Governance cultures by sector
- Can be analyzed according to: extent, coherence, robustness, flexibility
- Geographical scale of decisionmaking
- Identification of "hot spots"/conflicting uses/rivalries



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	State Government Entity Level (BiH only)	Bosnia and Herzegovina  Ministry of Foreign Trade and Economic Relations  Ministry of Communications and  Fed BiH Min. of Energy, Mining & Industry; Min. of Ag., Water Mgmt & Forestry; Min. of Physical Planning; Min. of Transport & Communications  RS Min. of Industry, Energy & Mining; Min. of Ag., Forestry & Water Mgmt; Min. of Physical	Croatia  Ministry of Environmental and Nature Protection  Ministry of Construction and Physical Planning  Ministry of Agriculture, Forest and Water Management	Montenegro  Ministry of Sustainable Development and Tourism  Ministry of Agriculture and Rural Development  Ministry of Economy  Ministry of Energy, Mining and Industry	Serbia  Ministry of Agriculture and Environmental Protection  Ministry of Mining and Energy  Ministry of	Slovenia  Ministry of Environment and Spatial Planning  Ministry of Infrastructure
-			Ministry of Economy  Ministry of Maritime Affairs, Transport and Infrastructure  National Water Council	Energy Regulatory Agency	Construction, Transport and Infrastructure	
	vernment gencies	Planning, Engineering & Ecology;; Min. of Transport & Communications  State Electricity Regulatory	HrvatskaVode  Environmental Agency  Energy Regulatory  Agency	Directorate for Water Management  National Water Council	Environmental Protection Agency* Energy Agency	Institute for Water Environmental Agency
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CEU	cal Level	Canton and LG water supply and sewage enterprises  ntal Protection Agency of R	Local Government  Sepublic of Serbia is under t	Local Government	Local Government water supply and sewage enterprises  Environmental Protection	Local Government water supply and sewage public companies

# Intersectoral coordination on national level

- Mapping of authorities
- Legislative framework overview
- National framework for EU accession
- Application of SEA on national level
- Integrated permitting/EIA
- Inspection and enforcement
- Aarhus Convention principles



## General Governance Issues

- Rule of law
- Absence of corruption
- Financial and human capacities
- Stakeholder engagement



# Kinds of findings

- Mapping of institutions and actors
- Inventory of policies and legislation (assessment of adoption of state of the art)
- Mapping contact points (timing, processes)
- Assessment of mechanisms for horizontal coordination
- Assessment of stakeholder engagement and cultural aspects



## **Actions/Solutions**

Improvement of data platforms

Acceptance of instruments

Integration

Engagement and dialogue

Feedback (monitoring, inspection, enforcement)



## Kinds of Proposed Policy Options/Solutions

## <u>Aimed at governance aspects of specific 'interventions' (cross-sectoral/multi-sectoral) and also</u> aimed at overall Governance Framework

- Governance issues considered in each chapter
- Filling gaps in transboundary governance framework/ Strengthening instruments for cooperation
  - Explore development of a [TBA] nexus platform, possibly under auspices of existing cooperative framework, extending contacts w/ other processes
- In-depth national level nexus governance assessments carried out by each government
  - Potential to better align policy timelines and related planning cycles
  - National level capacity building, public education campaigns
  - Enhancing national intersectoral coordination
- Pilot assessment tools (such as sustainability impact assessment) w/ nexus framework



## Mechanism for Nexus Cooperation:

#### Broadening & developing scope of cooperation

#### Must take into account:

- Basin and other geographical scales
- Planning cycles
- Scope
- Degree of regionalization/globalization
- Points of contact between processes

#### Should aim at:

- 1. Harmonization, strengthening, inclusion.
- 2. Making nexus assessment continuous and sustainable.
- 3. Expanding the use of instruments aimed at integration.
- 4. Continuous capacity-building and awareness-raising.



## THANK YOU!



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