



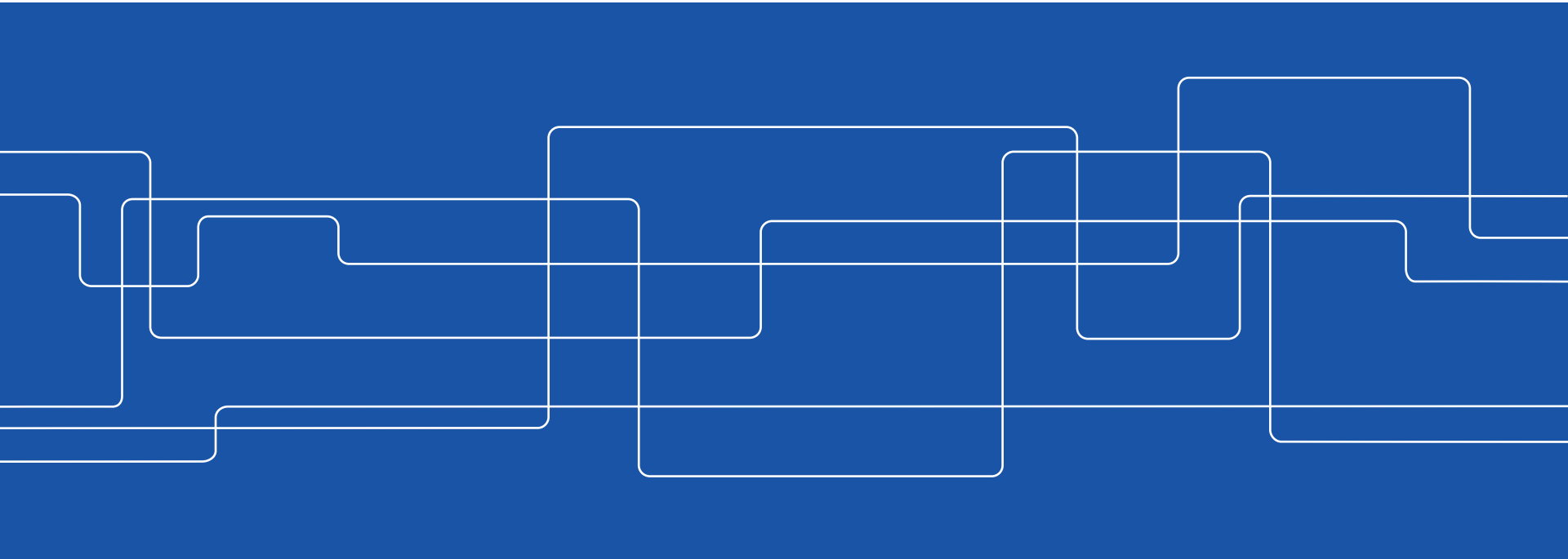
UNECE Nexus Methodology

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Nexus in the Drina River Basin - Workshop

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Background

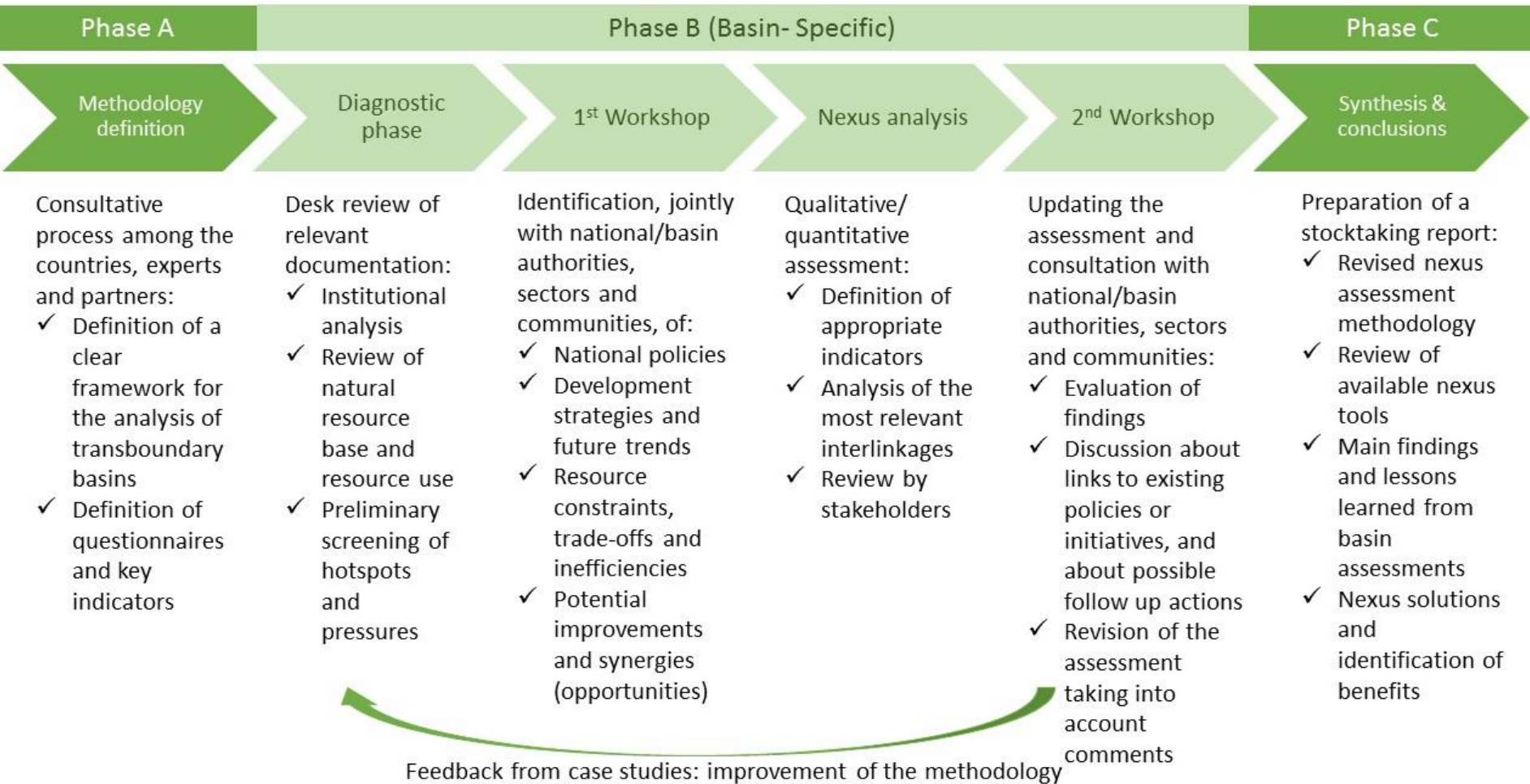
Methodology developed ad hoc for the UNECE. Pillars:

- Participatory process
- Knowledge mobilization
- Sound scientific analysis
- Benefits and opportunities

So far, applied to:

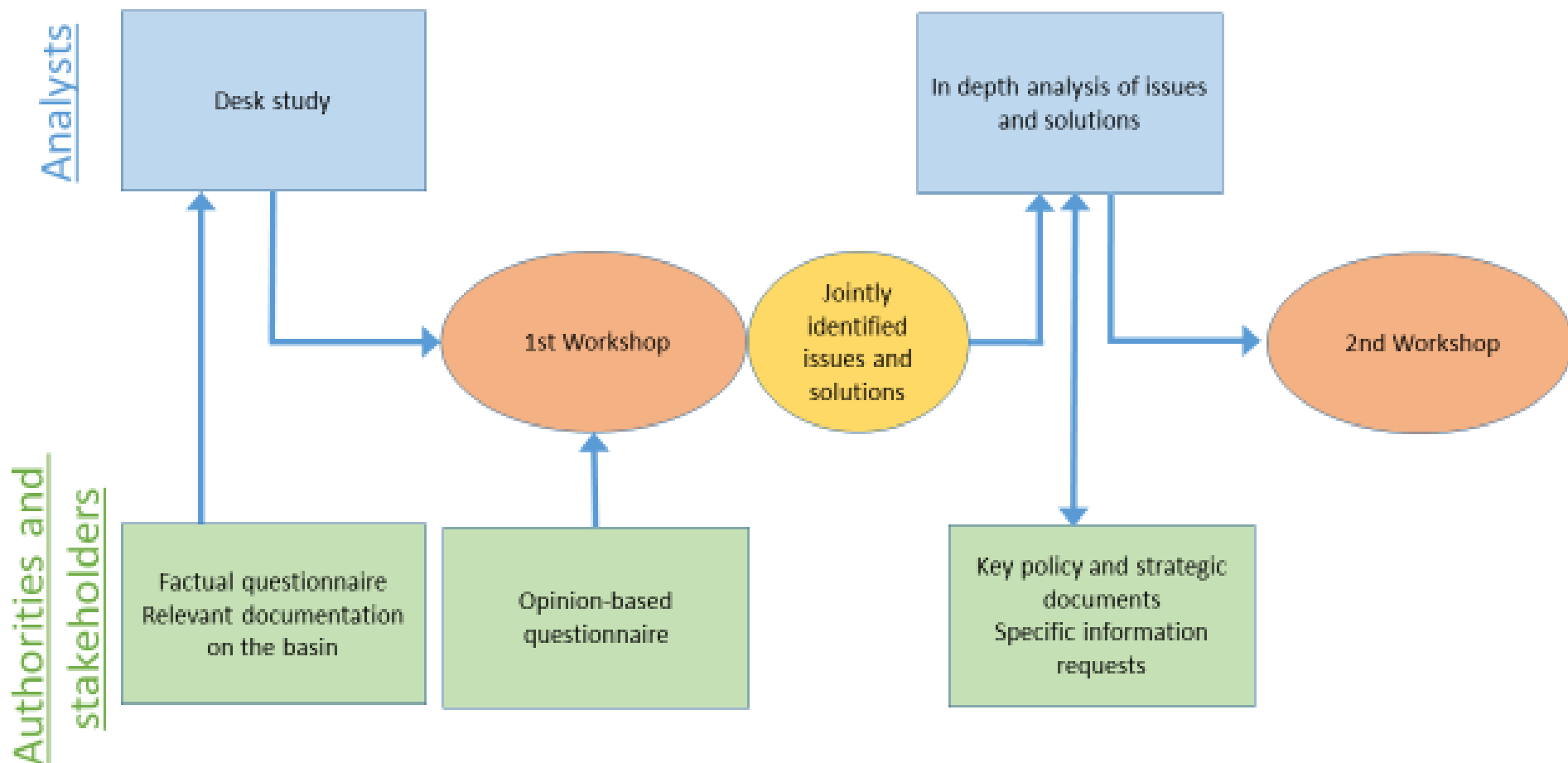
- Alazani/Ganykh (Azerbaijan, Georgia)
- Sava (Bosnia&Herzegovina, Croatia, Montenegro, Serbia, Slovenia)
- Syr Darya (Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan)
- Isonzo/Soča (Italy, Slovenia)

Phases of work



Nexus Assessment

The Assessment Process



The Steps of the Nexus Assessment

Steps in the nexus assessment of a basin

	Step	Actors	Location	Sectors
1	Identification of basin conditions and its socio economic context	Analysts.	Desk study	General. Information normally used to underpin sectoral planning. Key elements include general socio-economic goals and targets.
2	Identification of key sectors and stakeholders to be included in the assessment	Analysts. Authorities	Desk study	General. Requires expert judgment understanding of local context and governance.
3	Analysis of the key sectors	Analysts. Authorities	Desk study/ 1 st Workshop	Individual sector experts and plans. Key elements include identifying resource flows and institutional mapping.

	Step	Actors	Location	Sectors
4	Identification of intersectoral issues	Stakeholders	1 st Workshop	Sectoral group discussion on interlinkages (input needs, impacts and trade-offs), and discussion on sectoral plans
5	Nexus dialogue and future developments	Stakeholders	1 st Workshop	Agreeing on a prioritization of main interlinkages. How the interlinkages are expected to change according to jointly identified development trends, noting key uncertainties and most important drivers
6	Identification of opportunities for improvement (across the sectors and countries)	Stakeholders and analysts	1 st Workshop/ 2 nd Workshop / Desk study	Within the context of 5, there is an identification of solutions with multiple impacts between sectors, scales and boundaries. Such solutions could eventually be integrated into policies and programmes in the countries/basins.

To Do list for the Drina Workshop

- ✓ Discuss **national, sectoral policies; climate change**
- ✓ Identify **'nexus issues'** across sectors (and countries)
- ✓ Come up with a **'nexus picture' of the Drina basin**, complete with main drivers and trends
- ✓ Establish **priority-linkages** that need to be investigated in the basin assessment (potentially using integrated modelling)
- ✓ Propose **cooperative solutions** for the 'nexus issues'
- ✓ Identify **benefits associated** with them



Thank you!

Comments & Questions very welcome

For more information on the methodology see:

UNECE, 2015. *Reconciling resource use in transboundary basins: assessment of the water-food-energy-ecosystems nexus*. United Nations Economic Commission for Europe.

de Strasser, L.; Lipponen, A.; Howells, M.; Stec, S.; Bréthaut, C., 2016. A Methodology to Assess the Water Energy Food Ecosystems Nexus in Transboundary River Basins. *Water* 8, 59.

