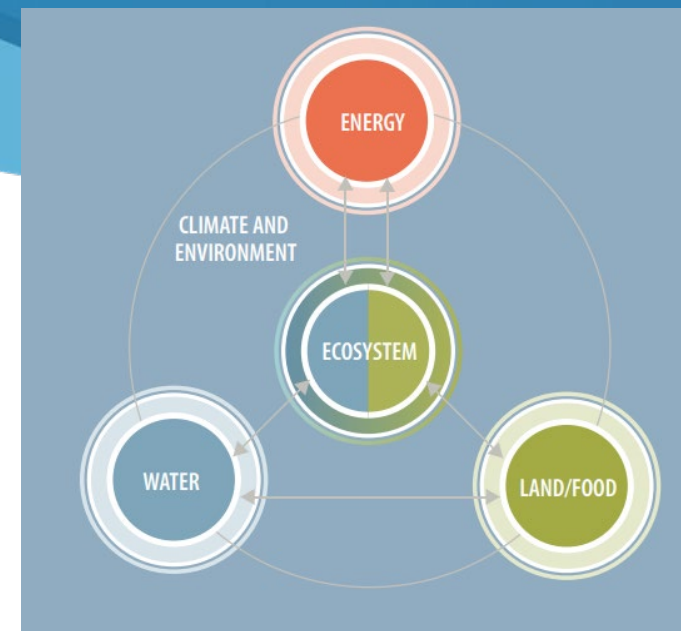


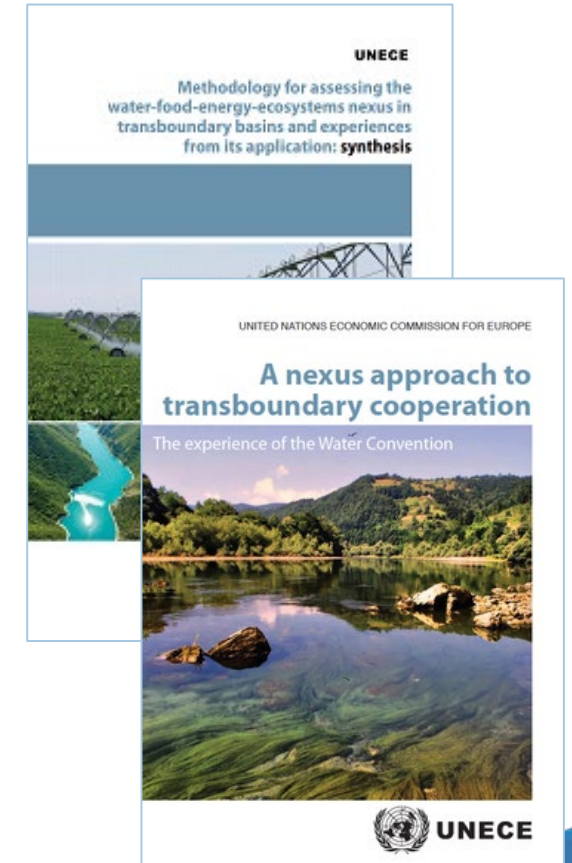
Water-food-energy-ecosystems nexus in transboundary basins: status of work

Ms. Annukka Lipponen
Water Convention Secretariat



Rationale for nexus activities under the Water Convention supporting cooperation

- **Overcoming “silos thinking”** in policy making and natural resource management:
 - reduced friction between sectors and countries
 - reduced economic losses from inefficiency
 - enhanced sustainability
- **Co-optimizing the use of existing and new infrastructure:**
 - benefits to different sectors
 - lower resource use intensity
- **“Nexus-proofing”** legal, institutional, and policy frameworks
- Motivating **information sharing and consultation in transboundary contexts**, and considering alternatives
- Highlighting the **broad benefits** of intersectoral and transboundary cooperation

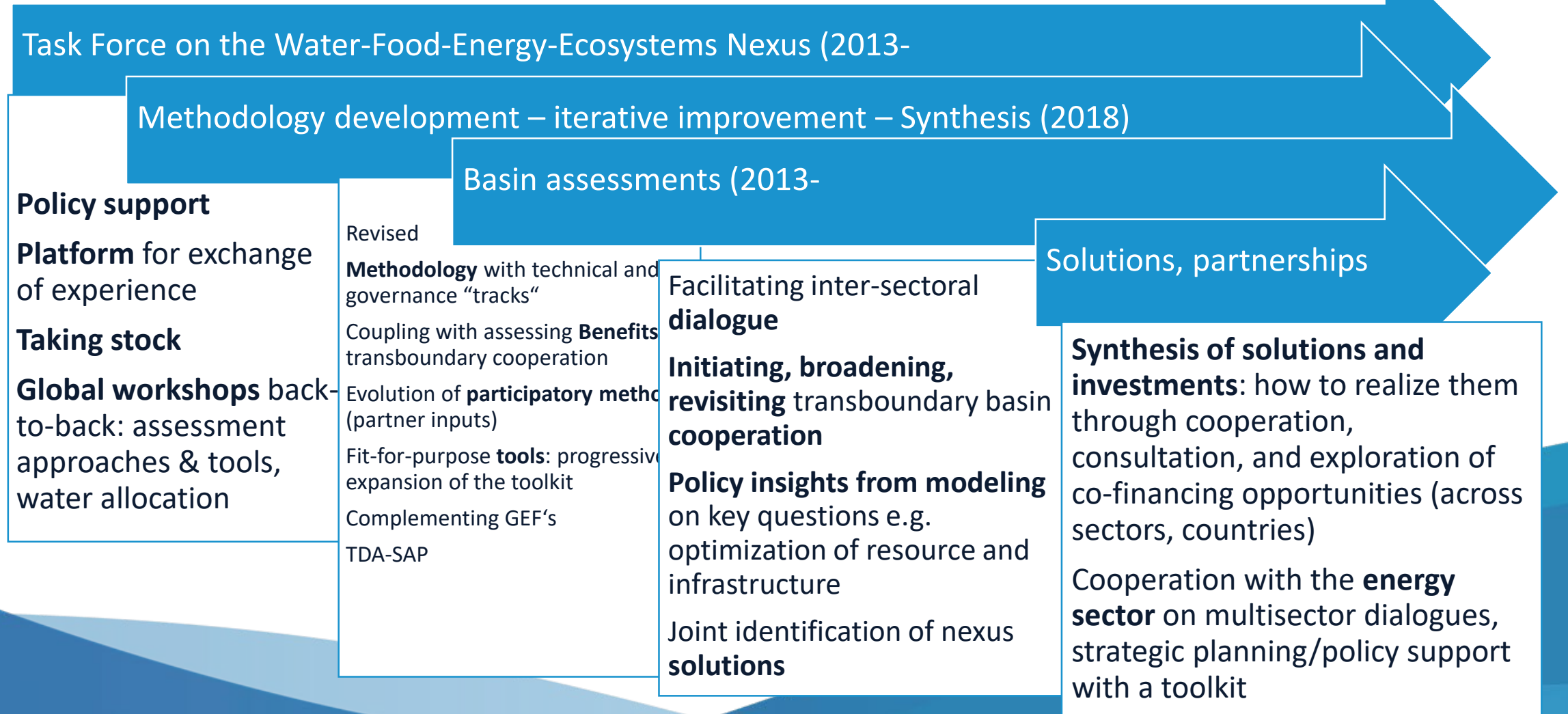


Basins assessed so far



* United Nations administered territory under the UN Security Council Resolution 1244 (1999)

Bringing together communities for methodology work, policy support, basin projects, solutions - with a transboundary focus

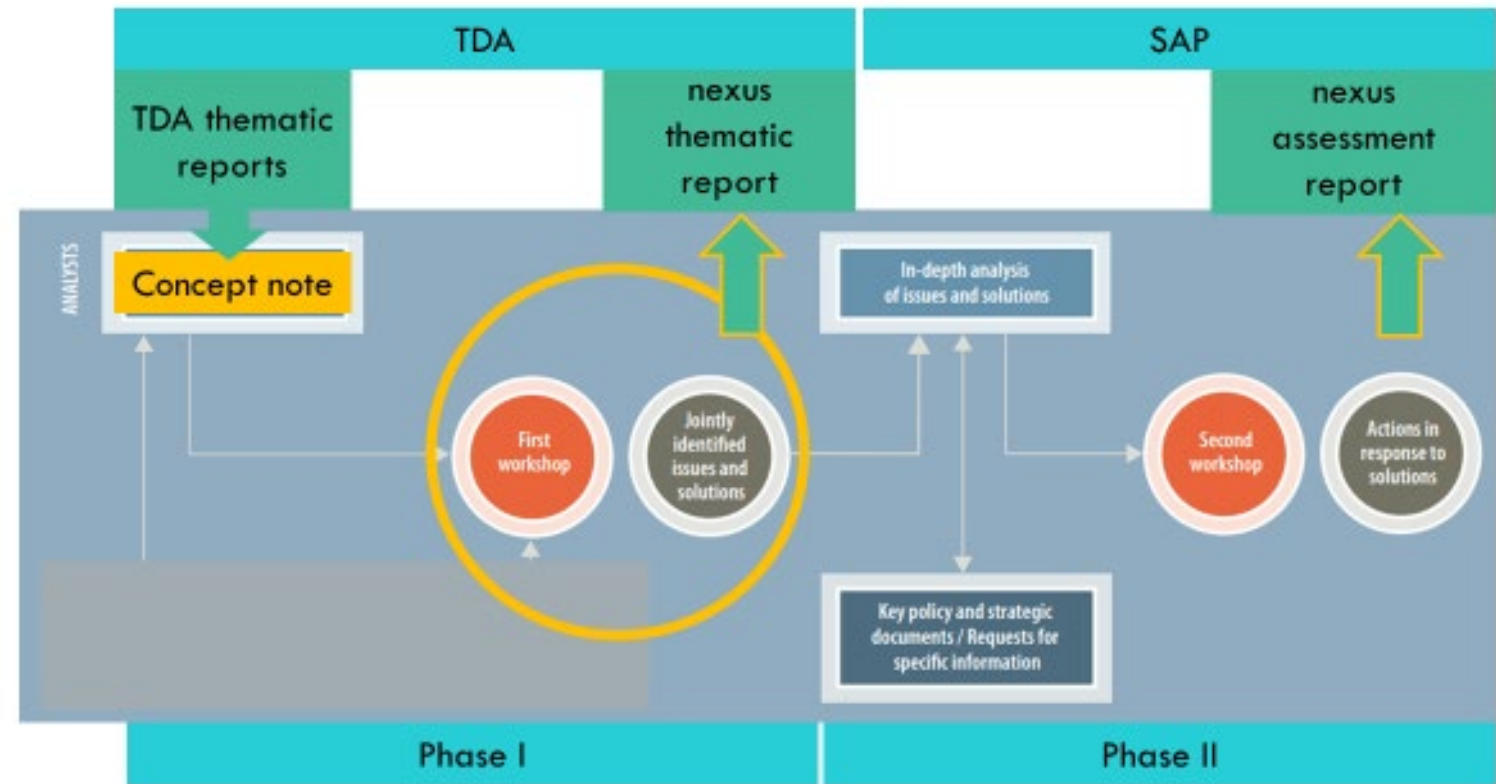


Drina River Basin

- ✓ Nexus assessment (flow regulation, rural development, water quality, transboundary cooperation);
- ✓ Follow up project (sustainable energy, sediment management, e-flows, monitoring & information exchange) completed (financed by Italy);
- **High-level workshop “Action across sectors and borders for sustainable future of the Drina River Basin” (29 October 2019, Belgrade)**
- On-going: as ADA financed work with the GWP-Mediterranean
 - Renewable energy (RE) focused analysis of sustainable RE developments in the basin (modelling), looking at the implications for hydropower dynamics in the basin (costs&benefits, hydro/non-hydro competitiveness).
 - Review of formalization options for different aspects of flow regulation
 - Multi-stakeholder dialogue. Nexus road map. Identification of priority interventions

Drin River Basin

- ✓ Phase I: Qualitative analysis of priority themes (hydro and floods, biomass and forestry, agriculture and trade)
- ❖ Adding value to GEF TDA-SAP process



- Phase II: Quantification of key interlinkages
- Energy-Water modelling (transboundary cooperation: hydropower and floods)
- Opportunities in the biomass value chain and multi-sectoral benefits
- Nexus “Assessment Report” part of SAP implementation

The background of the slide features a white central area with blue wavy patterns at the top and bottom. The waves are composed of overlapping, semi-transparent bands in various shades of blue, ranging from light sky blue to a deep navy blue. The overall effect is a clean, modern, and professional aesthetic.

Thank you!