



# The NEXUS Project

Promoting the Sustainable Management of Natural Resources in Southeastern Europe, through the use of the Nexus approach

# The NEXUS Project

- The NEXUS Project is financed by the Austrian Development Agency (ADA) and implemented by Global Water Partnership – Mediterranean (GWP-Med) in cooperation with United Nations Economic Commission for Europe (UNECE).
- Main co-funding is provided by the German Federal Environment Agency and the Global Environment Facility (GEF) IWLEARN Project (International Waters Learning Exchange & Resource Network).
- ~1,7 million Euros in total, provided by ADA, BMUB, GEF/UNDP/UNCESCO-IOC IWLEARN and GWP-Med.
- The Regional Working Group on Environment (RWG Env) established under the RCC SEE 2020 Strategy serves as Steering Committee of the Project.



- **The activities have been designed to:**

- Contribute to the:

- Implementation of the objectives of the SEE2020 Strategy under its Dimension Environment.
- Adopted by seven economies from South East Europe in November 2013 in Sarajevo, Bosnia and Herzegovina.
- Direct participants: Albania, Bosnia and Herzegovina, Kosovo\*, Montenegro, Serbia and The Former Yugoslav Republic of Macedonia.
- It provides a framework to assist governments in the region to **implement their individual development strategies**, including EU accession related goals, by enhancing national efforts through focused regional cooperation on those specific issues that can benefit from a shared approach.
- Achievement of the goals of the Petersberg Phase II process for the promotion of sustainable transboundary water resources management in SEE.
- The implementation of the UNECE Water Convention.

- Be in line with the:

- ADA strategy: supporting the implementation of the SEE2020 Strategy is among the strategic objectives of ADA.
- GEF IWLEARN project objectives.

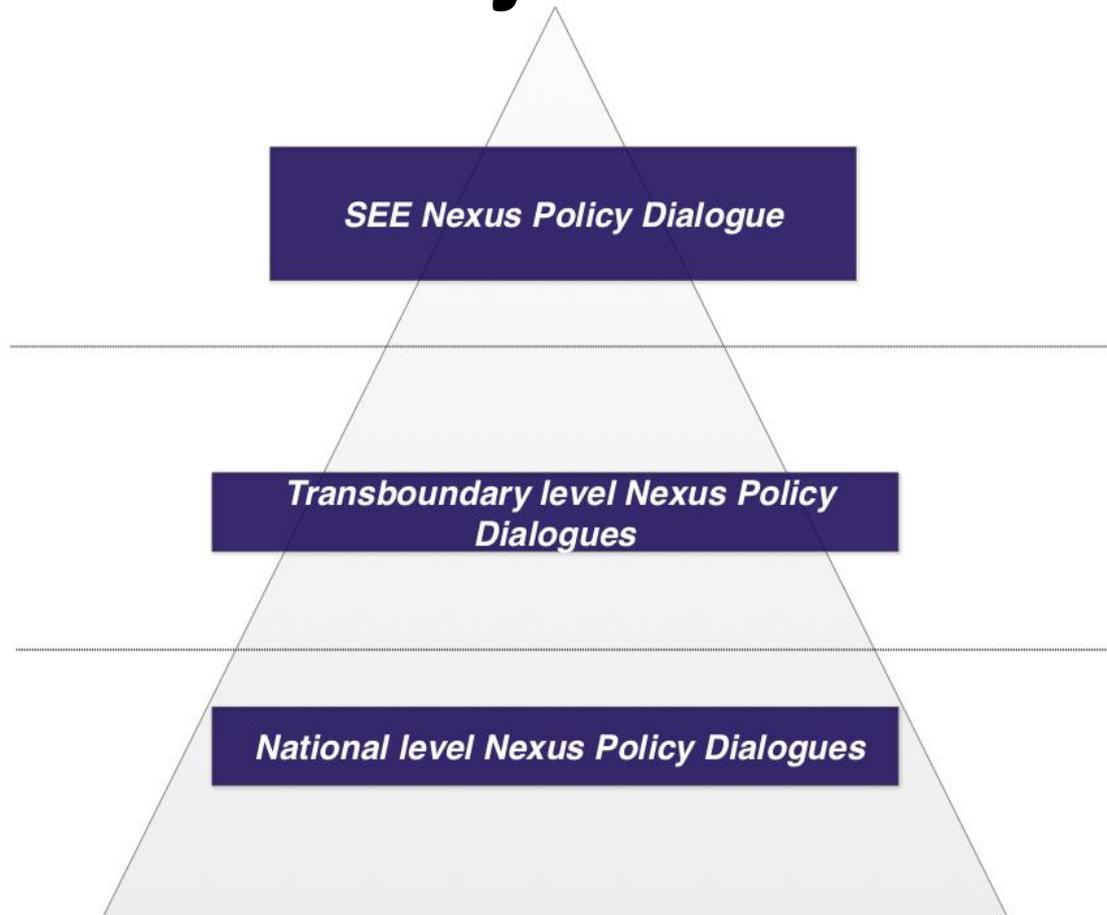


# The NEXUS Project – SEE 2020 objectives

- *“Advance Water, Energy and Food nexus approach at national and transboundary levels and investigate opportunities of launching a political process under the RCC for the enhancement of cooperation in the SEE in the field of TWRM”*
- *“Commencement of the Regional Integral Water Management Framework Agreement implementation.”*



# The NEXUS Project – structure (1)



# The NEXUS Project – structure (2)

## Component 1. SEE2020 Nexus Policy Dialogue

- 1.1 Three annual Regional Roundtables on the Nexus (First held in Belgrade 21-22 June 2017)
- 1.2 Organization of three SEE Nexus Group Meetings (First held in Belgrade 20 June 2017)
- 1.3 Development of a Regional Nexus mapping study and a SEE2020 Strategy/Roadmap

## Component 2. Structured national (economies) and transboundary Nexus Policy Dialogues

- 2.1. Nexus Policy Dialogues in one economy, including the:
  - development of **Nexus assessment Phase 1**;
  - Stakeholders Analysis;
  - consultation meetings;
  - Steering committee meetings;
  - development of a **Strategy/Roadmap**.



# The NEXUS Project – structure (3)

## Component 2. Structured national (economies) and transboundary Nexus Policy Dialogues

2.2 Nexus Policy Dialogues in two transboundary basins, including

- development of **Nexus assessment Phase 1 and Phase 2**;
- Stakeholders Analysis;
- participatory process through **one economy and two regional meetings per dialogue**;
- Steering Committees' meetings;
- development of two **Roadmaps/Strategies** (one for each dialogue);
- **Capacity Building workshops**;
- development of **Concept Notes and Project Documents for Priority Interventions**.

## Component 3. Cross-cutting issues: Participation, Communication and Outreach, Gender

- Information, Communication and Outreach Strategy;
- Publications (nexus reports) and project brochure;
- Press Releases on the occasion of projects milestones;
- Publicly accessible summaries of Technical Reports and four Fact sheets;
- Gender mainstreaming Strategy;
- Two (2) regional capacity building workshops on gender.



# Synergy opportunities: The ADA funded nexus project

Quantitative analysis and expert assessment possible on specific aspects to inform policy dialogue

- Could build on the existing energy system model developed for the Drina countries by KTH in the Drina Nexus Assessment
- Transboundary Roadmap/Strategy on the nexus action to be developed
  - A way to solicit/formulate/confirm commitments to the solutions?
- Concept Notes and Project Documents for Priority Interventions
  - Developing concepts for “nexus” investments?

# Possible optional scenarios that could be analyzed (to be discussed)

1.1 The necessary basis for any modelling using the existing energy system model from the Drina Nexus: **Upgrading the energy system model** of the DRB with updated site specific data: this step will allow for consolidating and customizing the model to the conditions and requirements of the Drina basin. Address key data gaps that affected the earlier modelling

1.2 **Extended cooperation scenario:** to investigate the impact of all the HPPs upstream (not only Piva HPP as in the first Drina nexus study). A sensitivity analysis to compare the impact of different HPPs upstream and different operating conditions of HPPs.

1.3 **'I'NDCs scenario:** The 'Intended' Nationally Determined Contributions ('I'NDCs) are at the heart of Paris agreement. The 3 countries have submitted their 'I'NDCs to UNFCCC to show their commitment to reduce national emissions & adapt to impacts of climate change.

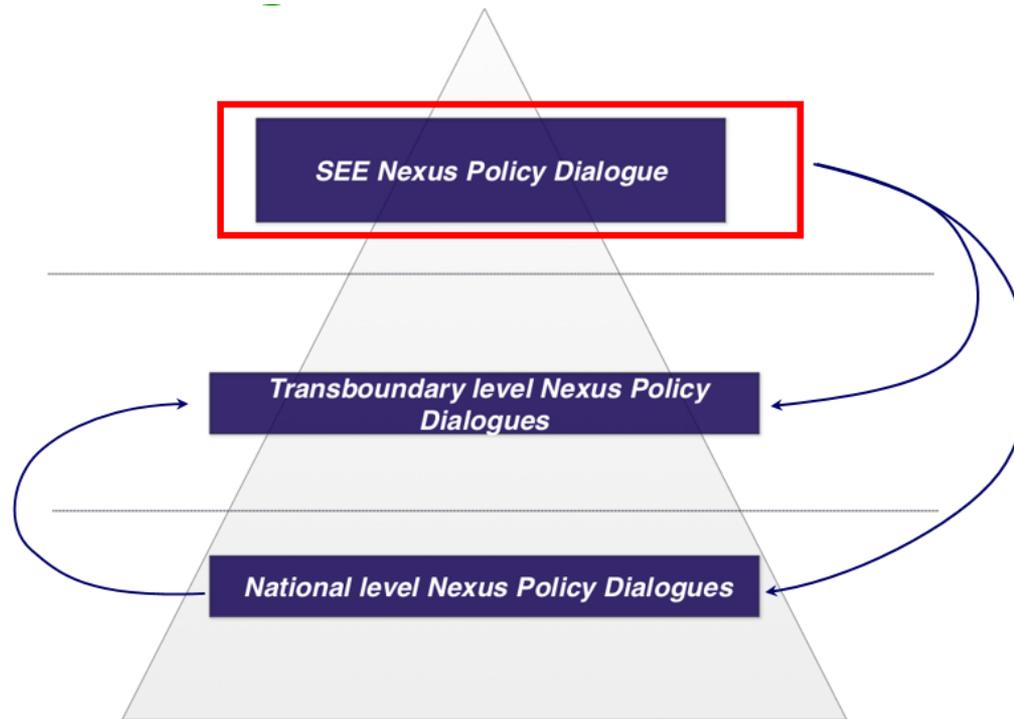
1.4 **The impact on new hydro power plants development:** All the three countries have plans to extend the hydropower capacity to utilize the large un-tapped hydro potential. The impact of the "most likely projects" in the Drina basin (and its main tributaries) on water users downstream, the energy system response

1.5 **Technological alternatives** for energy sector development (including, e.g. diversification/ decentralization through renewable energy, electricity trade, energy efficiency).

The meetings envisaged in the ADA project will provide for multistakeholder discussion options for analytical work, taking into account other initiatives (e.g. GEF-SCCF Drina)



# The NEXUS Project – interconnection of activities



Policy Dialogues:

- Multi-stakeholders Consultation Process
- Informed by technical assistance