Adapting to climate change in transboundary basins

Sibylle Vermont (Switzerland) and Niels Vlaanderen (Netherlands)
1. Main achievements in this area of work since October 2021

- Progress within the Global network of basins working on climate change adaptation in transboundary basins
- Inputs to global processes on water, climate change and disasters
- Continuation of activities in the pilot basins (the Dniester and the Chu-Talas)
2. How was it achieved? Major milestones/activities since October 2022

- 6\textsuperscript{th} meeting of the Global network of basins working on climate change adaptation (25 April 2022)  
  \textit{Report}  

- 26\textsuperscript{th} session of the Conference of the Parties to the United Nations Framework Convention on Climate Change (\textbf{UNFCCC COP 26}, Glasgow, United Kingdom, 31 October–12 November 2021)
  - Water Pavilion (transboundary day)

- Side-event “\textit{Governance of climate change and technological risks in transboundary water bodies}” at the seventh session of the \textbf{Global Platform for Disaster Risk Reduction} (27 May 2022)
3. Challenges and lessons learned

*based on the recent meeting of the Global network*

- **Financing** and **implementation** and **concrete results** on the ground (all basins)
- Need to **share experiences** regularly as well as demonstrations at the basin and regional levels
- Governance **from local to transboundary level**: need agreements and organizations to bring people together and coordinate across countries and sectoral (Sava Basin, Sixaola Basin, Senegal Basin, Amazon Basin, Meuse Basin)
- Involve **sub-basins and communities** (stakeholder involvement) – small grants (community projects) are also needed (Lake Victoria, Mekong Basin)
- **Strategies** needs to be put into a plan and need **regular revision** – sometimes quicker than originally anticipated (Danube Basin)
3. Challenges and lessons learned

*based on the recent meeting of the Global network*

- Integrate **groundwater** in basin water management (Senegal Basin)
- **Restoration of ecosystems** (wetlands, forests and soils) for food security (Dniester Basin, Mekong Basin, Niger Basin, Sava Basin)
- **Nature-based Solutions** (Volta Basin)
- **Data and information**: get data on time (early warning), hydrological forecasting and Decision Support System, communicate and disseminate for awareness raising and ownership (Amazon Basin, Chu Talas Basin, Senegal Basin, Neman Basin)
- **Socio-economic issues** like user-pays principle (Volta Basin)
- **Water quality** and especially rising temperature
4. Planned activities for this area of work in 2022-2024 (adaptation strategies)

- **Global Workshop** to be focused on water and agriculture (Geneva, 17 and 18 October 2022) 
  Your ideas?
- **13th meeting of the Task Force on Water and Climate** (Geneva, 19 October 2022)
- Contribution to **UNFCCC COP 27** on 7-18 November 2022 in Sharm el-Sheikh, Egypt (**water initiative AWARE, Water Pavilion, etc.)**
- Meeting of the **Global network of basins working on climate change adaptation**, in cooperation with INBO, in 2023
- Creating an **online compendium** of good practices on climate change adaptation in transboundary basins
- Continuation/initiation of max. **3 projects** in such pilot basins as the Chu-Talas, the Dniester, the Bug, the Tisza and the Sava (to be confirmed)
4. Planned activities for this area of work in 2022-2024 (adaptation financing)

- Organization of up to 2 sessions/webinars/trainings on preparing bankable project proposals for climate change adaptation in transboundary basins in partnership with multilateral development banks and climate funds
- Contributing to developing bankable projects proposals
- Intensification of cooperation with global climate funds

Concluding message: mainstream water and transboundary cooperation into implementing nationally determined contributions (NDCs) and national adaptation plans (NAPs), the COP27 and other process under UNFCCC and UNDRR
Thank you

Email address:
Secretariat: water.convention@un.org  hanna.plotnykova@un.org


Twitter: @UNECE_Water

Facebook: @UNECEWater

LinkedIn: @UNECEWater