5th Conference of Parties to the Carpathian Convention (COP5)

Co-operation ICPDR and Carpathian Convention, JOINTISZA Project

ICPDR
Ivan Zavadsky
Lillafüred, 11 October 2017
ICPDR co-operation with Carpathian Convention

Based upon:

• Mutual formally granted status of Observer
• Common objectives
• Mutually supported activities, projects, policies
• MoU between ICPDR Contracting Parties – Tisza countries and Carpathian Convention
• JOINTISZA Project
Climate Change Adaption (1)

- First Climate Change Adaptation Strategy jointly elaborated with all ICPDR Expert Groups in 2012
- Tool to support adaptation measures as part of the 2nd Danube River Basin Management Plan and the 1st Flood Risk Management Plan by 2015
- Update of climate change scenarios and water-related impacts with particular focus on drought, low water, irrigation and agriculture planned for 2018
Climate Change Adaption (2)

- Sound, institutionalised water management is a key to climate change adaptation
- ICPDR countries use their River Basin & Flood Risk Management Plans to address water scarcity, droughts and climate change pressures
- A cyclical, adaptive approach is needed to continuously address uncertainties and new scientific findings
Sustainable Hydropower in the Danube River Basin (1)

- Need to **increase energy from renewable sources** plays a significant driver for hydropower in the Danube River Basin
- ICPDR “**Guiding Principles on Sustainable Hydropower Development** in the Danube Basin” adopted in 2013
- Impacts of hydropower development – why should we care?
  - Environmental protection and biodiversity conservation issues
  - Economic, social and environmental benefits can be maximised in case all **benefits and impacts are considered from the very beginning**
Sustainable Hydropower in the Danube River Basin (2)

- Set of **general principles**
- Technical **upgrading of existing hydropower plants** combined with **ecological restoration**
- **Strategic planning approach** for new hydropower based on two level assessment (regional + site specific)
- **Mitigation** of negative ecological impacts

Main elements of the Guiding Principles

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**Danube basin-wide level**

- **Guiding principles**
  - General principles
  - Technical upgrading of existing hydropower plants and ecological restoration
  - Strategic planning approach for new hydropower development
  - Mitigation measures

**National application**

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**Not legally binding but serving as a guidance for national application**
JOINTISZA PROJECT

- Strengthening cooperation between river basin management planning and flood risk prevention to enhance the status of waters of the Tisza River Basin
- Co-funded by EU funds (ERDF and IPA) and by the project partners. **Total budget: 2,254,126 €**
- January 2017 – June 2019
JOINTISZA
The Tisza River Basin
JOINTISZA
The Tisza River Basin

5 Countries
• Ukraine
• Slovakia
• Hungary
• Serbia
• Romania

17 Partners
(Secretariat of the Carpathian Convention
Associated Strategic Partner)
Main Outcomes:

Integrated Tisza River Basin Management Plan

- Final draft of the updated ITRBMP
- Improved geographic information system (GIS)
- Strategy on public involvement and participation

Two Pilots:

Urban Hydrology Management

- Guidelines on best management of urban hydrology, and organisation of related trainings

Drought Management

- Guidance paper on climate change-induced, water quantity issues to assist in overcoming challenges
JOINTISZA
Work Packages

WP1 – Project Management

WP2 – Communication

WP3 – Basin Characterisation

WP4 – Water Quantity Issues

WP5 – Flood Management

WP6 – Synthesis
JOINTISZA

Current status & next steps

• Data collection and management for basin characterisation is ongoing
  • Call for action for all Project Partners
• Reporting has started, next milestone ahead
• Upcoming events:
  • October 18-19, 2017 (Budapest)
    6th Annual Forum of the EU Strategy for the Danube Region
  • November 20-23, 2017 (Bratislava)
    JOINTISZA Steering Committee & Work Packages meeting

DTP project site:
http://www.interreg-danube.eu/approved-projects/jointisza