

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

Co-operation ICPDR and Carpathian Convention, JOINTISZA Project

Deutschland // Österreich // Česká republika // Slovensko // Magyarország // Slovenija // Hrvatska // Bosna i Hercegovina // Srbija // Crna Gora // România // България // Moldova // Україна

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

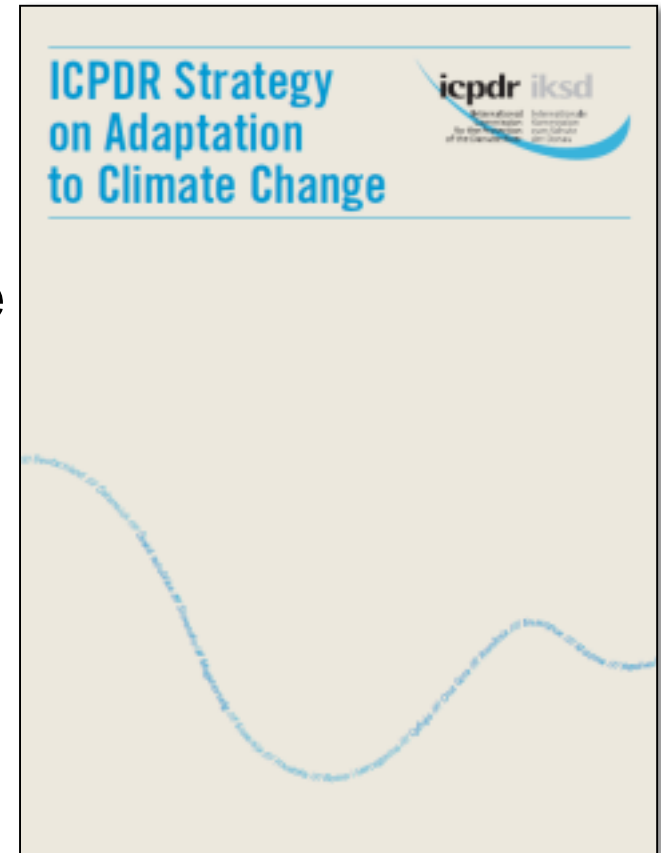
Climate Change Adaption (1)



International Commission
for the Protection
of the Danube River

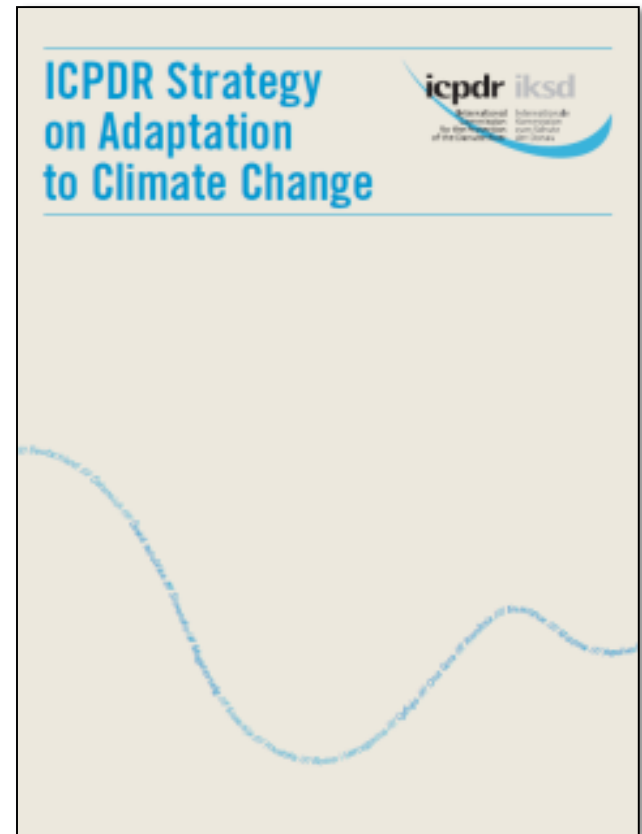
Internationale Kommission
zum Schutz der Donau

- 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)

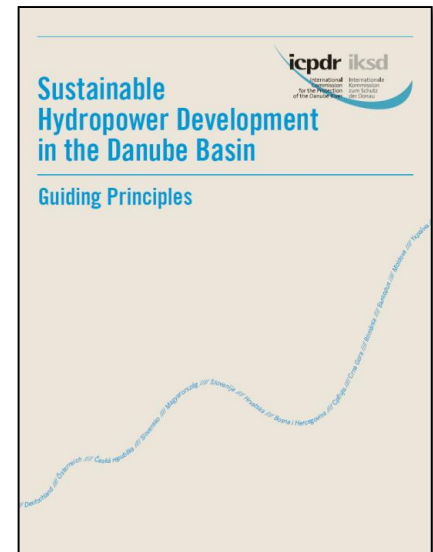
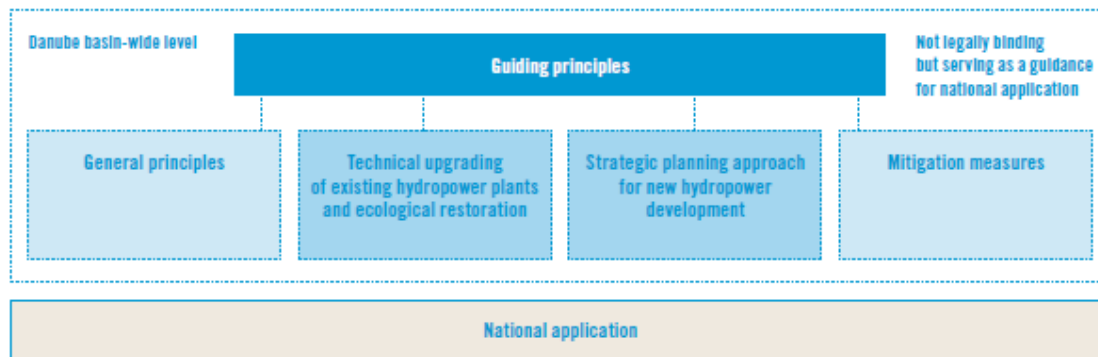
- Need to **increase energy from renewable sources** plays a significant driver for hydropower in the Danube River Basin
- ICPDR “**Guiding Principles on Sustainable Hydropower Development** in the Danube Basin” adopted in 2013
- Impacts of hydropower development – why should we care?
 - **Environmental 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

FIGURE 10



JOINTISZA PROJECT



ICPDR IKSD

International Commission
for the Protection
of the Danube River

Internationale Kommission
zum Schutz der Donau

- 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



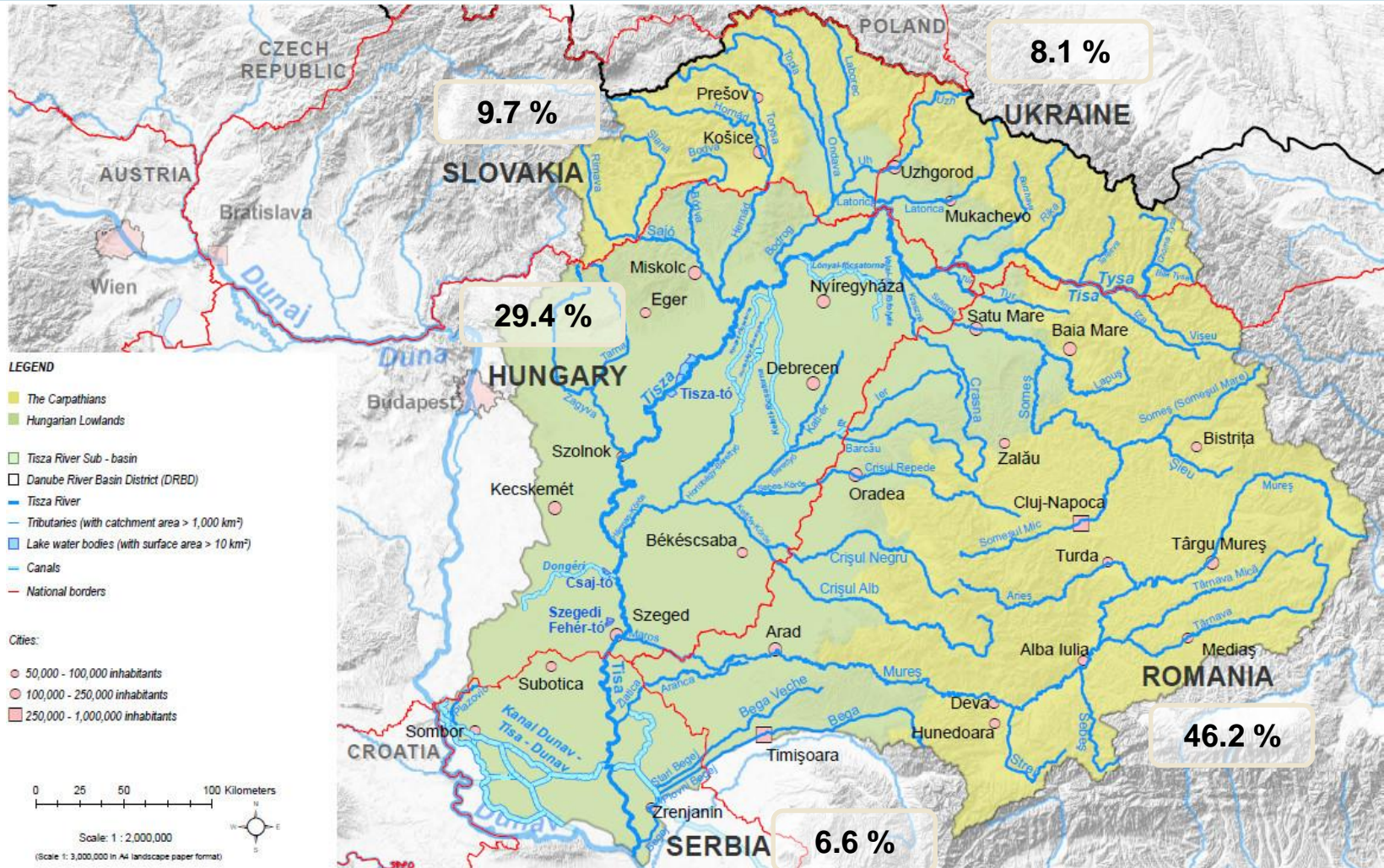
Five countries,
one basin,
one approach.



JOINTISZA – Strengthening cooperation
between river basin management planning
and flood risk prevention to enhance
the status of waters of the Tisza River Basin

JOINTISZA

The Tisza River Basin

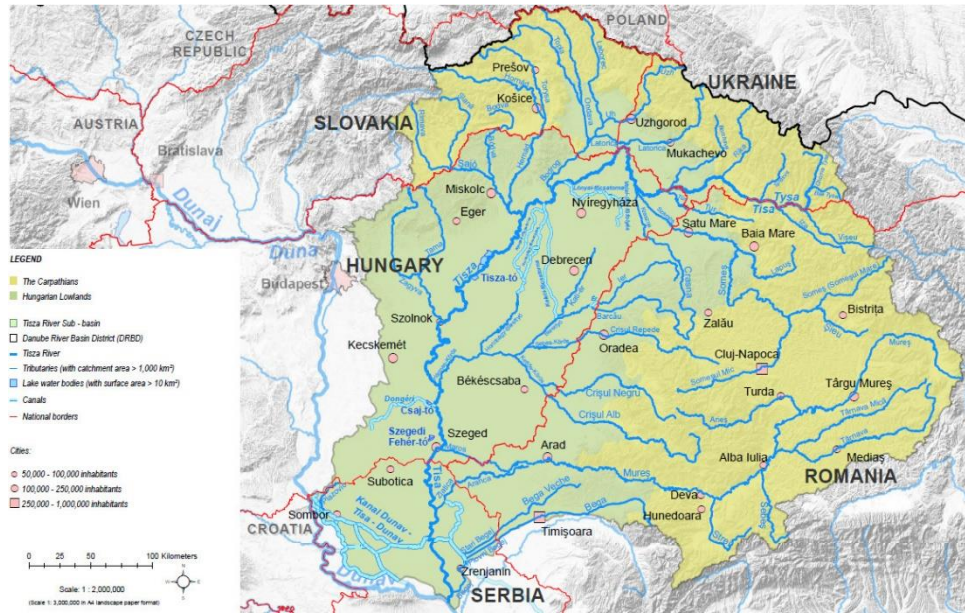


JOINTISZA

The Tisza River Basin



International Commission for the Protection of the Danube River
 Internationale Kommission zum Schutz der Donau



5 Countries

- Ukraine
- Slovakia
- Hungary
- Serbia
- Romania

17 Partners

(Secretariat of the Carpathian Convention
 Associated Strategic Partner)



JOINTISZA

Objectives, pilots, outputs



International Commission
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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



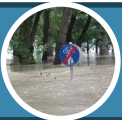
WP2 – Communication



WP3 – Basin Characterisation



WP4 – Water Quantity Issues



WP5 – Flood Management



WP6 – Synthesis

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>