

JOINTISZA Project

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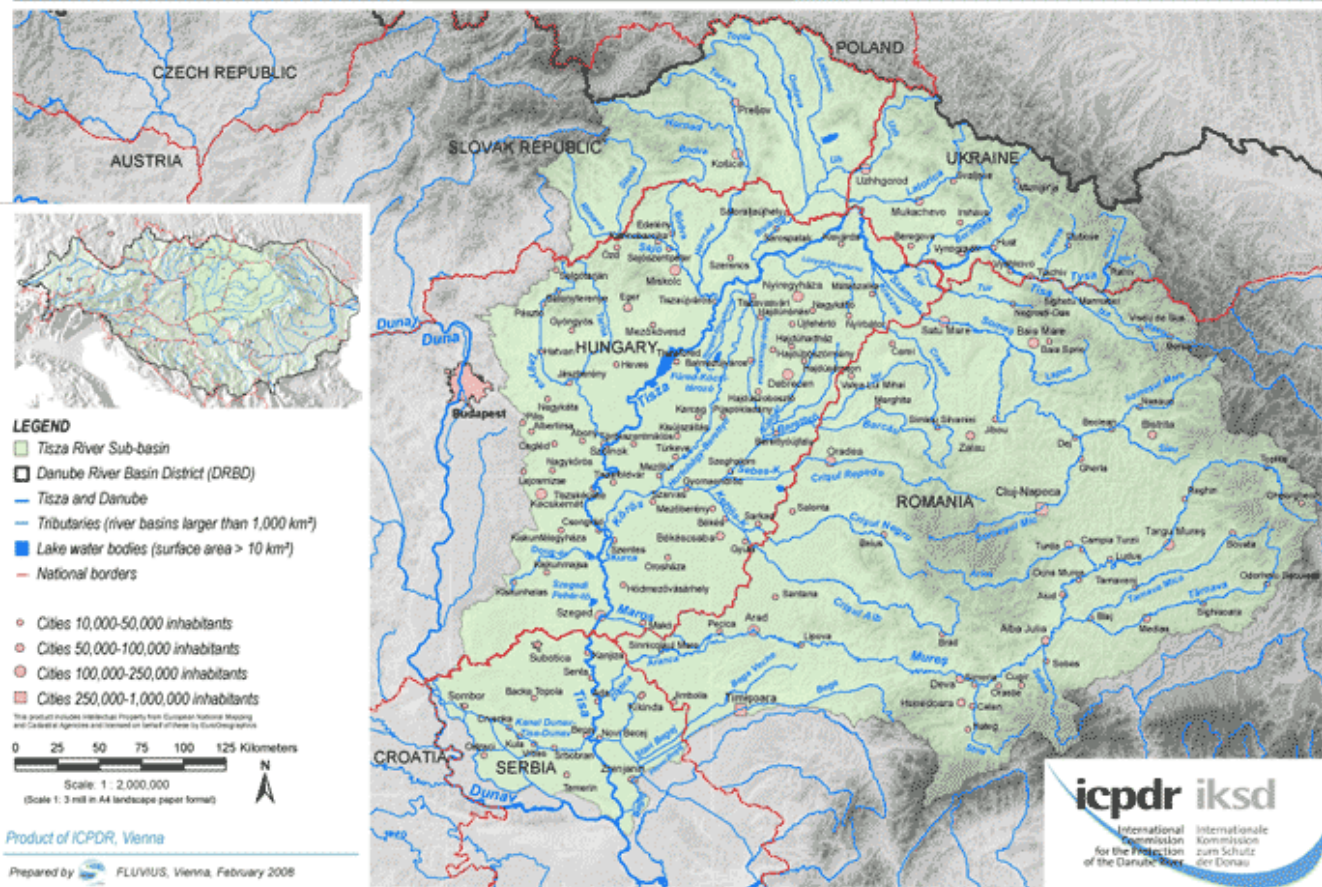
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The Tisza River Basin

The Tisza is the longest tributary of the Danube (966 km) and drains an area of 157,186 km² in five countries (SK, UA, HU, RO, RS)

Tisza River Sub-basin: Overview

MAP 1



Challenges to be addressed in the TRB

What are the main challenges in the TRB?

- Water quality related pressures
- Water quantity related pressures
- Integration of water quality and quantity in the TRB

Why the JOINTISZA is developed?

The JOINTISZA project focuses on interactions of two key aspects, the river basin management (RBM) and flood protection, taking into account the relevant stakeholders who have pivotal role in the Tisza RBM planning process.

The main aim of the project is to further improve the integration of the water management and flood risk prevention planning and actions in the next RBM planning cycle, in line with the relevant EU legislations.

Participating countries and organisations

No.	NAME	Country
LP	General Directorate of Water Management	HU
PP1	Ministry of Foreign Affairs and Trade	HU
PP2	National Administration "Romanian Waters"	RO
PP3	Ministry of Environment, Water and Forest	RO
PP4	National Institute of Hydrology and Water Management	RO
PP5	Water Research Institute	SK
PP6	Regional Environmental Center for Central and Eastern Europe	INT. ORG (HU)
PP7	International Commission for the Protection of the Danube River	INT. ORG (AT)
PP8	Global Water Partnership Central and Eastern Europe	INT. ORG (SK)
PP9	World Wide Fund for Nature Hungary	HU
PP10	The Jaroslav Černi Institute for the Development of Water Resources	RS
PP11	Public Water Management Company "Vode Vojvodine"	RS

Participating countries and organisations

No.	Name	Country
ASP1	Secretariat of the Carpathian Convention (SCC)	INT. ORG (AT)
ASP2	Interior Ministry of Hungary	HU
ASP3	Ministry of Agriculture and Environmental Protection Water	RS
ASP4	Tisza River Basin Water Resources Directorate	UA
ASP5	State Agency of Water Resources of Ukraine	UA

Project specific objectives

- To harmonize the national water and flood risk management strategic document and plans toward the development of an integrated transboundary management plan (update of the 1st Integrated Tisza River Basin Management plan)
- To better facilitate stakeholder involvement from the river basin and flood risk protection planning sectors.

Main Outputs of the Project

WP3
ICPDR IKSD
International Co-operation
for the Protection
of the Danube River
International Co-operation
for the Danube Basin

Improved Geographic
Information System
GIS

Update of the Integrated
Tisza River Basin Management Plan

Final Draft of the ITRBMP

Training of best
management on urban
hydrology

WP6

Strategy on public
involvement and
participation

PILOT 1
Urban Hydrology Management

Developing a process-oriented
spatial decision support tool for
urban water management

WP4

PILOT 2
Drought Management

Guidance paper on climate change-
induced, water quantity-related
issues to assist in overcoming
challenges in the Middle Tisza

Structure of the project (1)

No.	WP	Activities	Notes
WP1	Project Management		Lead:HU
	A1.1.	Establishment of project Steering Group and PMU	
	A1.2.	Development of Management and action plan	
	A1.3.	Organisation of project meetings	
	A1.4.	Quality control	
	A1.5.	Reporting (one per each period)	
WP2	Communication Activities		Lead:REC
	A2.1	Development and implementation of Project Communication Plan	
	A2.5	Dissemination events, kick-off and final conference	
	A2.2	Public involvement and participation strategy development and training for planners	• Moved to WP6
	A2.3	Follow-up of the stakeholder involvement on the field by implementing selected methods	• Moved to WP6
	A2.4	Basin wide consultation on SWMIs and draft ITRBMP/JPoMs	• Moved to WP6

No.	WP	Activities	Notes
WP3	Basin Characterisation-SW		Lead:SK
	A3.1	Data Collection and characterization of the basin	
	A3.2	Assessment of SW data	
	A3.3	Status assessment relevant for the TRB	
	A3.4	Joint Tisza Survey Manual	
	A3.5	Evaluation of the SWMIs and proposal of effective measures	

Output 3.1: Improved GIS database

No.	WP	Activities	Notes
WP4	Water Quantity issues		Lead: RS
	A4.1	Data Collection on SW quantity and GW quantity and quality	
	A4.2	Water quantity and GW status assessment	
	A4.3	Data collection on the measures within the TRB relevant for SW quantity, GW quantity and quality	
	A4.4	Pilot Activity: Urban Hydrology Management	
	A4.5	Summary of the outcomes of activities 1-4	

Output 4.1.: Pilot 1: Urban Hydrology

Output 4.2.: Training of best management on urban hydrology

No.	WP	Activities	Notes
WP5	Flood management		Lead: RO
	A5.1	Data collection related to flood issues and climate change	
	A5.2	Development of elements of TFRMP – country reports	
	A5.3	Synthesis of country reports and Development of strategic paper on the integration of TRBMP and TFRM	
	A5.4	Comparison of Flood risk and Shared Vision Planning (SVP) method in stakeholder involvement	
	A5.5	Simulation of dike failure with transboundary effect	

No.	WP	Activities	Notes
WP6	Synthesis		Lead:GWP-CEE
	A6.1	Harmonisation and compilation of WP3, WP4 and WP5 outcomes	
	A6.2	Workshop for the compilation of the Joint Programme of Measures (JPM)	
	A6.3	Editing the Update of the Integrated Tisza River Basin Management Plan	
	A6.4	Pilot on climate change induced specific water quantity issues	

Output 6.1. Pilot 2: Drought and Climate Change – SVP

Output 6.2. Final Draft of the update of the ITRBMP

Output 6.3. Public Involvement and Participation Strategy

JOINTISZA workflow

Project Management (WP1)

Basin
Characterisation –
surface water
(WP3)

Water Quantity
Issues (WP4)

Flood
Management
(WP5)

Synthesis (WP6)

Final draft updated ITRBMP

Communication Activities (WP2)

Public participation

Public participation

WP 6

- Objective:
- To consolidate and synthesize the results of WP3, WP4 and WP5 to elaborate a draft updated integrated TRBMP as well as to develop a pilot activity on drought management in light of climate changes.

Activities:

	Activity	Partners
6.1	Harmonisation and compilation of WP3, WP4 and WP5 outcomes	OVF, MFAT REC, NARW, MEWF, NIHWM, VUVH, ICPDR, PWMC_VoVo, JCI, BM-HU, SAWR, RS_MAEP_WD, TRBWRD,
6.2	Workshop for the compilation of the Joint Programme of Measures	All Partners
6.3	Editing the Update of the Integrated Tisza River Basin Management Plan	OVF, MFAT, REC, NARW, MEWF, NIHWM, VUVH, ICPDR, PWMC_VoVo, BM-HU, RS_MAEP_WD, JCI, TRBWRD, SCWM
6.4	Pilot on climate change induced specific water quantity issues	Lead: GWP CEE and an External Partner. Partners: OVF, SCC, and linked with Act. 6.5
6.5	Public Involvement and Participation Strategy	Lead: REC. Partners: WWF, GWP CEE

Outputs

WP6 related outputs:

O.6.1: Drought and Climate Change – Shared Vision

- Planning concept testing to strengthen
- cooperation of stakeholders of river basin
- management and flood risk management sectors.

O.6.2: Final Draft of the updated ITRBMP

O.6.3 Public Involvement and Participation Strategy

Capitalisation: Pilot – Drought Management

Activity 6.4. Pilot - Drought Management:

- Pilot area: Middle Tisza - Hungary
- Test of SVP method
- Ad-Hoc Task Group (TG) Meetings – in close cooperation with Carpathian Convention
- Guidance Paper on climate change induced specific water quantity issues to overcome challenges.
- Outcomes to be included in the updated ITRBMP
- Slovenian experts from DMCSEE are planned to be invited to TG meetings to share experiences and relevant best practices

Thank you for your attention!