

# **JOINTISZA Project**

**WP6 Activity 6.4 - Pilot on climate change induced specific water quantity issues  
1<sup>st</sup> Ad Hoc Task Group meeting**

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**Objectives and expected outcomes**

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# Project data

**Title of the project:** Strengthening cooperation between river basin management planning and flood risk prevention to enhance the status of waters of the Tisza River Basin

**Funding Programme:** EU Danube Transnational Programme (85%)

**Project duration:** 30 months: 01 January 2017 – 30 June 2019

## Focus of JOINTISZA

The JOINTISZA project will focus 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.

# PARTNERS - Participating countries and organisations

## 12 Partners

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

# PARTNERS - Participating countries and organisations

## 5 Associated Strategic Partners

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 documents 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 management and flood risk protection sectors.

# Expected main results

- OUTPUT 1. Improved GIS database for the Tisza river and its tributaries
- OUTPUT 2. Urban Hydrology pilot action – a process oriented spatial decision support tool for urban water management pilot on two areas (HU, RO)
- OUTPUT 3. Training of best management on urban hydrology – to introduce the Guidelines for Best Management of Urban Hydrology
- **OUTPUT 4. Drought and climate change pilot action – Shared Vision Planning concept testing to strengthen cooperation of RBM and flood risk Management sectors**
- OUTPUT 5. Final draft of the update of the ITRBMP
- OUTPUT 6. Enhanced stakeholder involvement, development of Public Involvement and Participation Strategy

# Structure the project (1)

No.	WP	Activities	Notes
WP1	<b>Project Management</b>		<b>Lead:HU</b>
	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)	



## Structure the project (2)

No.	WP	Activities	Notes
WP2	<b>Communication activities</b>		<b>Lead:REC</b>
	A2.1	Development and implementation of Project Communication Plan	
	A2.2	Dissemination events, kick-off and final conference	

## Structure the project (3)

No.	WP	Activities	Notes
WP3	<b>Basin Characterisation-SW</b>		<b>Lead:SK</b>
	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 1: Improved GIS database

## Structure the project (4)

No.	WP	Activities	Notes
WP4	<b>Water Quantity issues</b>		<b>Lead: RS</b>
	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 2: Pilot 1: Urban Hydrology

Output 3: Training of best management on urban hydrology

## Structure the project (5)

No.	WP	Activities	Notes
WP5	<b>Flood management</b>		<b>Lead: RO</b>
	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	

## Structure the project (6)

No.	WP	Activities	Notes
WP6		<b>Synthesis</b>	<b>Lead: GWP CEE</b>
	A6.1.	Harmonisation and compilation of WP3, WP4 and WP5 outcome	
	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	
	A6.5.	PIP Strategy , Public and stakeholder involvement, trainings, SVP training	

Output 4. Pilot on Drought and Climate Change – SVP

Output 5. Final Draft of the update of the ITRBMP

Output 6. Public Involvement and Participation Strategy

## Activity 6.4 - Pilot Action on Drought Management

The main goal of the Pilot Action is:

to investigate the climate change induced drought and flood related issues focusing on smaller region within Tisza River Basin.

Pilot area: in the Middle Tisza Region in Hungary

1. Test of Shared Vision Planning (SVP) method
2. Ad-Hoc Task Group (AHTG) Meetings
3. Prepare a Guidance Paper on climate change induced specific water quantity issues to overcome challenges

Outcomes to be included in the updated ITRBMP

# Objectives of the Ad Hoc Task Group

- Act as a think-tank for the implementation of WP6 Activity 6.4 Pilot on climate change induced specific water quantity issues
- Manage the work of the pilot testing of the Shared Vision Planning methodology on a smaller scale sub-basin within the middle part of the Tisza Basin
- Elaborate a Guidance paper on climate change induced specific water quantity issues to overcome challenges

# Main activities of the Ad Hoc Task Group

- Outlining the joint challenges and specific climate change induced problems in the pilot area (drought, flood relevance)
- Investigate for a one year forecast during a drought period how to optimize the available water resources according to the ecological and economic sectors water demands
- Guiding the pilot testing of the Shared Vision Planning method on the selected sub-basin
- Utilizing knowledge gained from WP5 Activity 5.4, where experiences gained from FLOODRISK project and SVP stakeholder involvement methodology are compared
- Manage cooperation with Carpathian Convention and organise back to back event with the CC climate change task group
- Elaborating a Guidance paper on climate change induced specific water quantity issues to overcome challenges



# Expected deliverables of the Ad Hoc Task Group

- Ad Hoc Task Group meeting minutes
  - Three meetings are planned (1: 25 Oct 2017, 2: May 2018; 3: November 2018)
  - Minutes within one month after a meeting
- Guidance paper on climate change induced specific water quantity issues to overcome challenges
  - Deadline: February 2019, as one of the project Outputs



**Thank you  
for your attention**

**But this is not over and will be continued with Working methodology for AHTG topic.**

# Discussions

1. Ad Hoc Task Group goals
2. Communication method
3. Collaboration