

JOINTISZA Project

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

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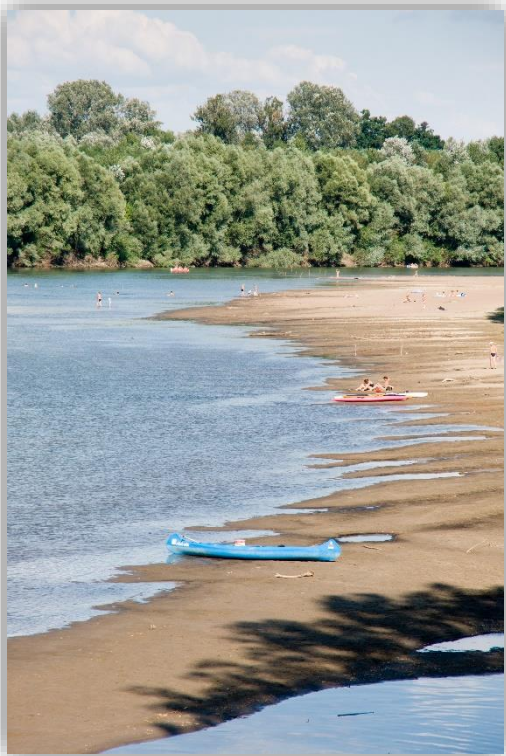
EUSDR PA4 15th Steering Group Meeting

April 18, 2018 | Budapest, Hungary



Project co-funded by the European Union (ERDF, IPA funds)

C O N T E N T



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BACKGROUND - did you know?

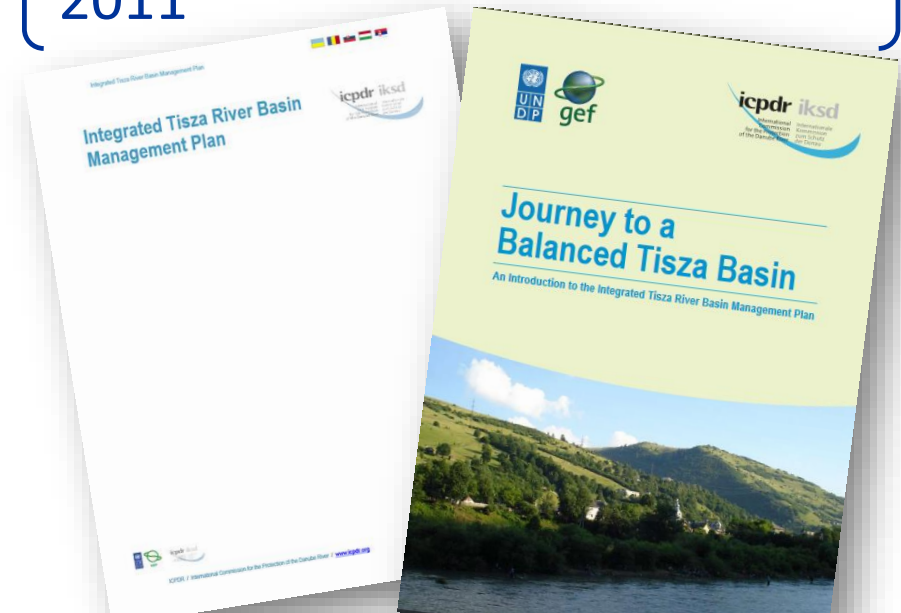
- Tisza River is the **longest tributary** of the Danube River and its basin is the **largest sub-basin** of the Danube River Basin
- The region has an **outstanding natural ecological assets**, rich in biodiversity
- The beauties of the Tisza River Basin are **shared between 5 countries**: Ukraine, Romania, Slovakia, Hungary and Serbia
- The basin gives home to a population of around **14 million people**
- 150 years of human influence have contributed to problems in form of **pollution** and **changes to the natural form of the river**

BACKGROUND - history of cooperation

Framework for cooperation:

- 1994 - Danube River Protection Convention
- 2000 - Implementation of the EU Water Framework Directive at level of river basin and sub-basin
- 2004 - Tisza Memorandum of Understanding (ICPDR)
- 2011 - Updated Tisza Memorandum of Understanding
- 2011 - European Strategy for the Danube Region

1st Integrated Tisza River basin Management Plan (ITRBMP) - 2011



Need for update of the 1st ITRBMP in order to assess the progress done, achievements of objectives and understand and plan further steps/measures which are needed in order to achieve good status of waters.

JOINTISZA - Facts & Figures



Project partners: 12 partners & 5 Associated Strategic Partners (ASPs)



Duration: 1 January 2017 – 30 June 2019 (30 months)



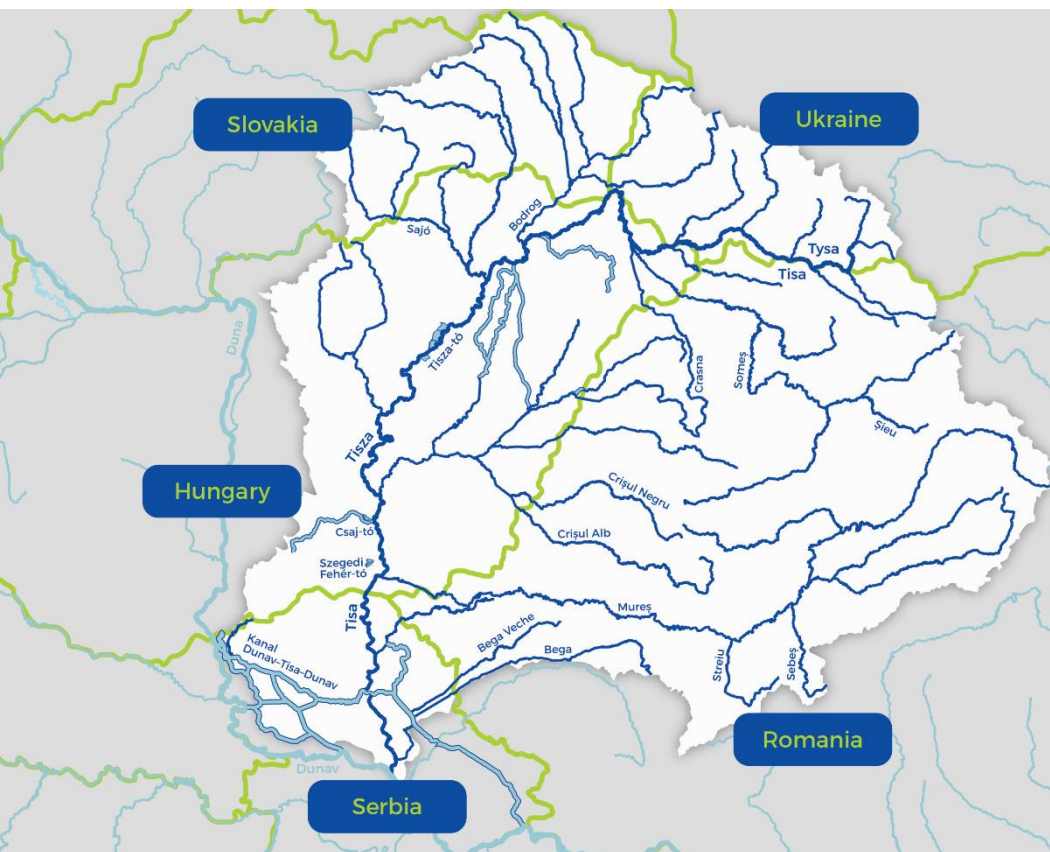
Budget: 2,254,126.8 €, project co-funded by European Union (ERDF and IPA funds) and made possible by the Danube Transnational Programme



Programme Priority: PA2. Environment and culture responsible Danube region

Specific Objective: SO2.1 Strengthen transnational water management and flood risk prevention

JOINTISZA - Partnership



12 partners:

General Directorate of Water Management, Hungary (lead partner) | Global Water Partnership Central and Eastern Europe, Slovakia | International Commission for the Protection of the Danube River | Jaroslav Černi Institute for the Development of Water Resources, Serbia | Ministry of Water and Forests, Romania | Ministry of Foreign Affairs and Trade, Hungary | National Administration “Romanian Waters”, Romania | National Institute of Hydrology and Water Management, Romania | Public Water Management Company “Vode Vojvodine”, Serbia | Regional Environmental Center for Central and Eastern Europe, Hungary | Water Research Institute, Slovakia | World Wide Fund for Nature Hungary



5 ASPs:

Interior Ministry, Hungary | Ministry of Agriculture and Environmental Protection – Water Directorate, Republic of Serbia | Secretariat of the Carpathian Convention, Austria | State Agency of Water Resources, Ukraine | Tisza River Basin Water Resources Directorate, Ukraine

Aims of the JOINTISZA project

OVERALL OBJECTIVE:

Develop an **updated ITRBMP** based on shared knowledges, experiences, scientific evidence, in order to strengthen transnational water management and flood risk prevention and enhance the long-term status of the waters of the Tisza River Basin

SPECIFIC OBJECTIVES

- to identify solutions to common challenges identified across the Tisza River Basin
- to build momentum to address the international dimension of these issues in a coordinated way at transboundary level
- to further improve the integration of water management and flood risk prevention planning and actions for the next river basin management planning cycle, in line with the relevant EU legislation.



JOINTISZA outputs – Main expected results



Improved **geographic information system (GIS) database**



Guidelines on best management of urban hydrology - a process oriented spatial decision support tool for urban water management pilot on two areas [**Pilot action**]

Training of best management on urban hydrology



Guidance paper on climate change-induced water quantity issues - Shared Vision Planning (SVP) concept testing to strengthen cooperation of RBM and flood risk Management sectors [**Pilot action**]



Enhanced stakeholder involvement, development and implementation of the Public Involvement and Participation Strategy



Final draft of the updated ITRBMP

JOINTISZA organization (Work Packages)

WP1: Project Management

WP2: Communication Activities

WP3: Basin Characterization – Surface Water - *collection of updated information on Tisza River Basin, surface water status and evaluation of significant water management issues and development of the Joint Tisza Survey Manual*

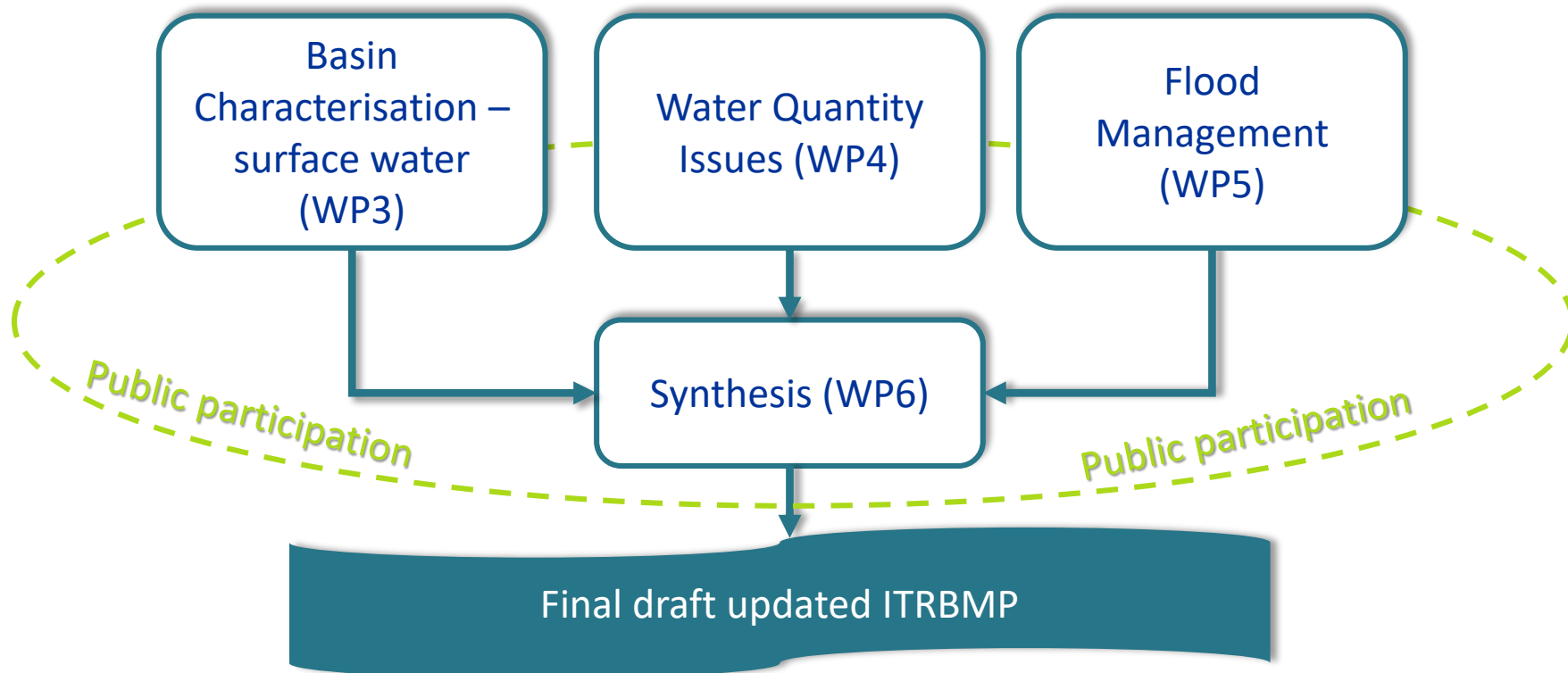
WP4: Water Quantity Issues - *to evaluate water demand, GW status and measures that will sustain balanced water quantity management and achievement of good water bodies' status*

WP5: Flood management - *develop a strategic paper on ITRBMP and the Tisza Flood Risk Management Plan (TFRMP) integration process*

WP6: Synthesis - *to consolidate and synthesize the results of WP3, WP4 and WP5 and to elaborate a draft updated ITRBMP, while engaging and involving key stakeholders and interested parties*

JOINTISZA workflow

Project Management (WP1)



Communication Activities (WP2)

WP1 - Project Management

CONTINUOUS

- Overall project management and coordination
- Facilitate the joint work
- Organizing project meetings
- Project progress and deliverables monitoring

DONE

- Project Handbook
- Description of work of the Steering Group and Project Management Unit
- 1st and 2nd WP,SC,PMU meeting
- 1st and 2nd Progress Report

NEXT EVENTS

5-7 June 2018 Bucharest

- 4th Project Management Unit meeting – 04.06. (Skype meeting)
- 3rd Work Package meeting - 05.- 06. 06.
- 3rd Steering Committee Meeting – 06.06.
- ICPDR Tisza Group Meeting - 07.06

WP1 - Project Management

- 20-22 November 2017 - 2nd JOINTISZA Project Management Unit, SCOM and WP Meeting (Bratislava, Slovakia) - The back-to-back meetings were organized by the Lead Partner together with VUVH Slovakia and PPs and ASPs participated in the meetings.

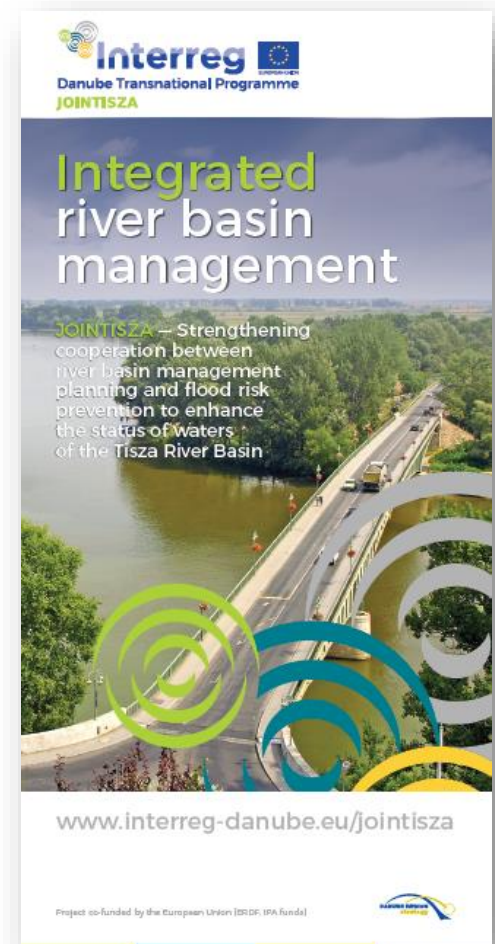


WP2 - Communication (led by REC)

Communication is integral part of project implementation -> Linked to all WP

Objectives:

- To support and to guide project communications
- To communicate and disseminate updates, achievements and results
- To facilitate the implementation of the project activities by linking communication objectives with project objectives and results



WP3 - Basin characterisation (led by VUVH – SK) (1/2)

- Proposing effective measures for improving the status of the surface waters is a significant contribution to addressing water management challenges and issues;
- An Improved GIS database is a valuable tool for the countries and the actors involved in Integrated River Basin Management Plan planning and developing processes;
- The Joint Tisza Survey drives cooperation among the five Tisza-countries water management organizations by promoting common thinking and problem-solving.

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

WP3 done and workplan for the 3rd period

DONE

- 3.1. Data collection and characterization of the TRB – Characterization Report
- 3.2. Assessment of significant pressures in the TRB
- Significant pressures SWBs – started preparation of the Draft Report on Identification of significant pressures on SWBs for TRB (data analysis, proposal for figures, tables, annexes, maps)
- MONERIS modelling with Particular Focus on the Application in the Tisza River Basin has started based on TNM data as well as other data which were send to IGB
- Surface water status assessment – started preparation of the Draft Report on TRB surface status assessment (data analysis, preparation of figures, tables, annexes, maps)
- Distribution of the templates available via Danube GIS

3RD PERIOD

- 3.3. Status assessment of the relevant surface water bodies in the TRB
- 3.4. Joint Tisza Survey Manual
- 3.5. Evaluation of the significant water management issues and proposal of effective measures

WP4 - Water quantity issues (led by JCI – RS) (1/2)

A common methodology for water demand and groundwater status assessment addresses the inter-linkages between the water quantity and quality issues within the Tisza River Basin and contributes to balanced water quantity management, achievement of good water bodies' status and integrated water management within the river basin.

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

WP4 done and workplan for the 3rd period (2/2)

DONE

- D 4.1.1: Standardized joint check-list as a basis for the data collection
- D 4.1.2: Country reports (templates, shape files, other information) – 5 reports
- D 4.1.3: TRB Summary report on data collection

3RD PERIOD

- D 4.2.1: TRB report on water quantity
- D 4.2.2: TRB Report on GW status assessment

WP5 - Flood management (led by NARW&NIHWM – RO) (1/2)

- JOINTISZA contributes to developing Flood Risk Management Plans that incorporate both strategic and operational objectives to address identified flood risks;
- The strategic paper, guided by EU WFD and EU Floods Directive and summarizing proposed measures, facilitates integration and coordination of river management and flood management plans for the Tisza River Basin.

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	

WP 5 done and wokplan for the 3rd period (2/2)

DONE

- 5.2.1. Description of flood risk management objectives - Integrated Report for Tisza River Basin based on 5 country reports (RO, HU, SK, RS, UA)
- 5.2.2. Description of flood risk management objectives - Integrated Report for Tisza River Basin based on 5 country reports (RO, HU, SK, RS, UA)
- Overview of the flood risk management strategy at Tisza River Basin Level based on deliverables 5.2.1 and 5.2.2

3RD PERIOD

- 5.2 Development of elements of TFRMP - country reports
- 5.3 Synthesis of country reports – Strategic Paper
- 5.4. Comparison Flood risks and SVP method in stakeholder involvement
- 5.5 Simulation of dyke failure with transboundary effect - Crasna river meeting in May with Romanian partner

WP6 - Synthesis (led by GWP CEE) (1/3)

- A strengthened cooperation between actors of river basin and flood risk management sectors is possible through small-scale pilot actions in the Tisza River Basin that help to identify climate change-induced drought and flood related issues;
- An updated and harmonized Integrated Tisza River Basin Management Plan (ITRBMP) is the pivotal step for moving from assessment towards an outline of integrated Joint Programme of Measures (JPoM) to reach good status of the waters;
- All target groups have to play an active role during the whole project, because their inputs are instrumental to the definition of the central outputs of the project.

Activity 6.4. – Pilot action on climate change induced specific water quantity issues

- 25 October 2017 - **1st Ad Hoc Task Group meeting** (Szolnok, Hungary) - organized by the Lead Partner and GWP CEE . The Guidance Paper's Table of Content was elaborated.
- 26-27 October 2017 - **Pilot area Shared Vision Planning (SVP) workshop** (Szolnok, Hungary). Participants disputed on this issue in a plenary session as well as in three sections. Invited experts introduced the Shared Vision Planning methodology, its structure, operation and best practices. Stakeholders from different sectors (agriculture, environmental protection, rural development, industrial water users, public institutions, sectorial bodies) expressed their coincident and /or contradictory opinions. The meeting was organized by the Lead Partner in a close cooperation with GWP CEE.



No.	WP	Activities	Notes
WP6	Synthesis		Lead: GWP CEE
	A6.1.	Harmonisation and complitation 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	10 May 2018 via Skype - 1st Editorial Meeting
	A6.4.	Pilot on climate change induced specific water quantity issues	
	A6.5.	PIP Strategy , Public and stakeholder involvement, tarinings, SVP training	

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

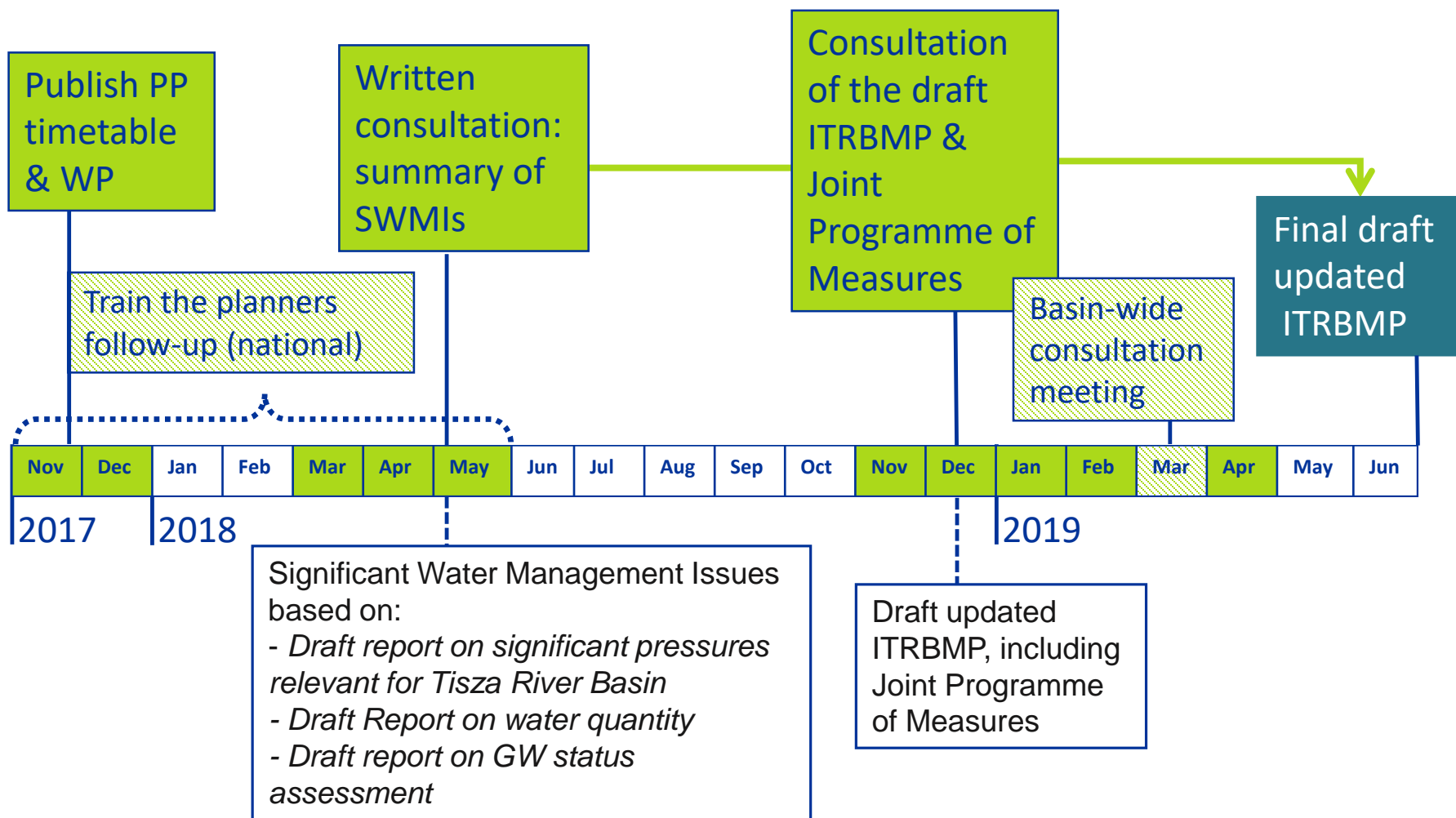
Output 6.2. Final Draft of the update of the ITRBMP

Output 6.3. Public Involvement and Participation Strategy

Activity 6.5 (led by REC & WWF HU) – Stakeholder involvement and Public Strategy (PIPS)(1/2)

- **„Train the Planners - TTP’ & Shared Vision Plan Training**
(June 26-28, 2017 – Szolnok, HU)
- draft PIPS shared with PPs by end of November 2017
- Comments from the PPs by 20 December 2017
- **Follow-up of the „Train the planners’** training (national level activities - WWF Hungary)
- Updated draft PIPS in January 2018
- Follow-up of the „Train the planners’” training (national level activities - WWF Hungary)
- Written basin-wide consultation on the SWMIs
- Close monitoring/evaluation of public participation/PIPS activities and update of the PIPS & formulation of lessons learned (continuous)

Activity 6.5: Tentative timeline for public participation process related to the update of the draft ITRBMP (2/2)



Planned meetings and events for the 3rd Period

- **8 May 2018, Dyke failure simulation on Crasna River Meeting (Romanian and Hungarian PPs' bilateral Meeting, Satu Mare (RO) (Activity 5.5.)**
- **10 May 2018, 1st Editorial meeting on the 1st Draft of the ITRBMP - via Skype**
- **23 May 2018, 2nd Ad Hoc Task Group Meeting Szolnok, (HU) – under organization by GWP CEE with LP (OVF-KÖTIVIZIG) (Activity 6.4.)**
- **24-25 May 2017, 2nd SVP Seminar for stakeholders of the Pilot action, Szolnok (HU) – organized by LP (OVF-KÖTIVIZIG) with GWP CEE – (Activity 6.4.)**
- **4 June 2018, PMU Mtg., - via Skype – organized by LP, with WP's Leaders' participation**
- **5-6 June 2018, 3rd WP Mtg., - Bucharest (RO) – organized by LP with RO PPs**
- **6-7 June 2018, 3rd SC Mtg., - Bucharest (RO) – organized by LP with RO PPs**
- **29 June 2018, International Danube Day**
- **Continuous – Follow-up of TTP (at national level), Summary report about the national stakeholder involvement by June (Activity 6.5)**
- **Technical WPs: Deliverables within WP3, WP4, WP5 and within WP6: Harmonization of the outputs of Technical WPs has already started.**

Link with the EUSDR

(special focus on water management relevance and Flood protection when relevant)

The Tisza River sub-basin has very special challenges, which needs strong cooperation between countries on the shared river basin as it is also indicated by the EUSDR PA 4 in its Action 2 aiming at “to greatly strengthen cooperation at sub-basin level”.

The project is linked to EUSDR PA4 - water quality and PA5 environmental risks – flood issues

Capitalization

- 16 March 2017, Participation and cooperation at the KoM of DriDanube project, Ljubljana, Slovenia) – Synergies with other DTP projects
- 11 April 2017 Joint Stakeholder and High-level Event with the Danube Sediment Project, Budapest, BME
- 18-19 October 2017 - 6th Annual Forum of the EU Strategy for the Danube Region - Expo (Budapest, Hungary).
- **19 October 2017 - Workshop: Danube Transnational Programme Capitalization - 6th Annual Forum of the EU Strategy for the Danube Region**



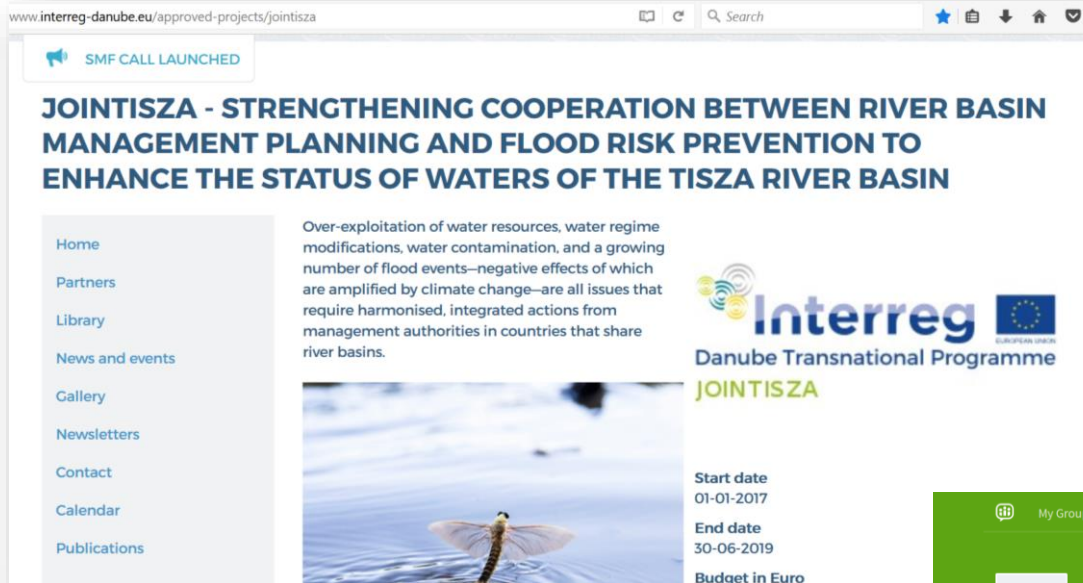
JOINTISZA website: www.interreg-danube.eu/jointisza

LinkedIn JOINTISZA group:

- for those interested in the sustainable management of the Tisza River Basin
- to keep you up with new developments within the JOINTISZA project

ABOUT THIS GROUP

LinkedIn group for those interested in the sustainable management of the Tisza River Basin. The group will keep you up with new developments within the JOINTISZA project <http://bit.ly/2nU47hc>




www.interreg-danube.eu/approved-projects/jointisza

SMF CALL LAUNCHED

JOINTISZA - STRENGTHENING COOPERATION BETWEEN RIVER BASIN MANAGEMENT PLANNING AND FLOOD RISK PREVENTION TO ENHANCE THE STATUS OF WATERS OF THE TISZA RIVER BASIN

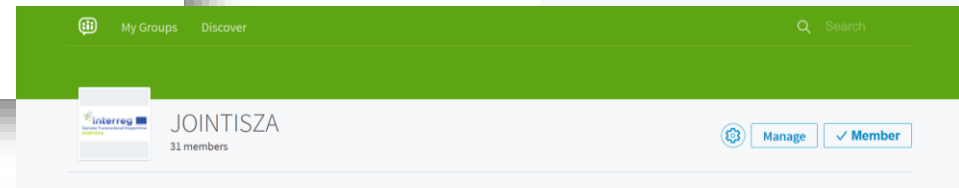
Over-exploitation of water resources, water regime modifications, water contamination, and a growing number of flood events—negative effects of which are amplified by climate change—are all issues that require harmonised, integrated actions from management authorities in countries that share river basins.



Start date
01-01-2017

End date
30-06-2019

Budget in Euro



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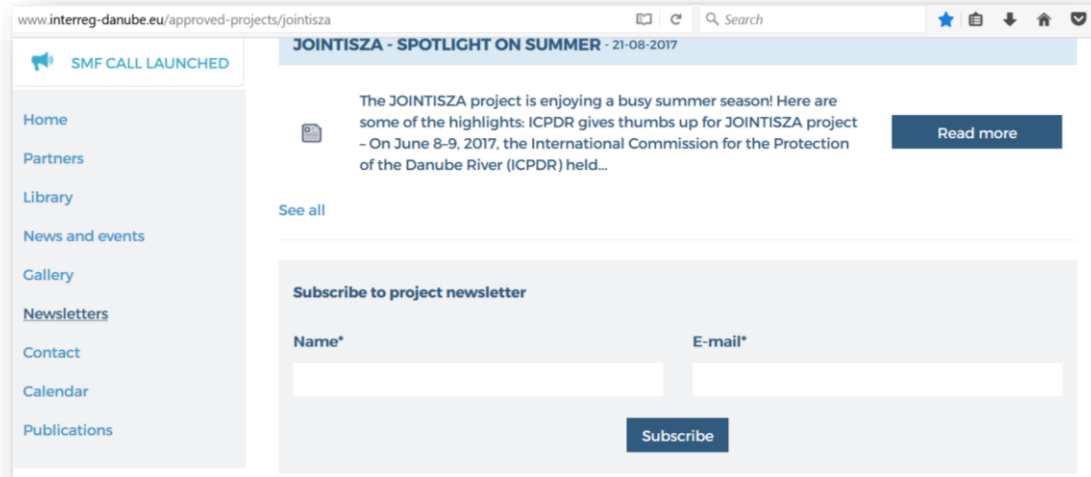
JOINTISZA
31 members

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- Go to the bottom of the project homepage to obtain a free newsletter subscription

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SMF CALL LAUNCHED

JOINTISZA - SPOTLIGHT ON SUMMER - 21-08-2017

The JOINTISZA project is enjoying a busy summer season! Here are some of the highlights: ICPDR gives thumbs up for JOINTISZA project - On June 8-9, 2017, the International Commission for the Protection of the Danube River (ICPDR) held...

Read more

See all

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Thank you for your attention!

Project co-funded by the European Union (ERDF, IPA funds)

Partners: General Directorate of Water Management, Hungary | Global Water Partnership Central and Eastern Europe, Slovakia | International Commission for the Protection of the Danube River | Ministry of Water and Forests, Romania | Ministry of Foreign Affairs and Trade, Hungary | National Administration "Romanian Waters", Romania | National Institute of Hydrology and Water Management, Romania | Public Water Management Company "Vode Vojvodine", Serbia | Regional Environmental Center for Central and Eastern Europe, Hungary | The Jaroslav Černi Institute for the Development of Water Resources, Serbia | Water Research Institute, Slovakia | World Wide Fund for Nature Hungary

Associated Partners: Interior Ministry, Hungary | Republic of Serbia Ministry of Agriculture and Environmental Protection – Water Directorate | Secretariat of the Carpathian Convention (SCC), Austria | State Agency of Water Resources of Ukraine | Tisza River Basin Water Resources Directorate, Ukraine