

EU Strategy for the Danube Region (EUSDR)

Second Stakeholder Seminar of the Water Quality (PA4) and the Environmental Risks (PA5) Priority Areas

"EUROPEAN FUNDING OPPORTUNITIES IN THE WATER SECTOR"

PROJECTS OF DIFFERENT SLOVAK STAKEHOLDERS

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Information on project ideas/projects

Information on ideas/projects within the water sector in Slovakia from different stakeholders:

- **Slovak Hydrometeorological Institute**
 - **Slovak Water Management Enterprise**
 - **Institute of Hydrology, Slovak Academy of Sciences**
 - **Water Research Institute**
- 1. Information on project ideas planned to be submitted within the next year's calls**
 - 2. Information on projects already submitted (within DTP 1st call and Europe Aid)**

1. Information on project ideas

Slovak Water Management Enterprise

- Preparation phase for the projects in cooperation with the State Nature Conservation of the Slovak Republic *focusing on revitalization*, LIFE programme – call in the next year
- Preparation phase in cooperation with the Slovak Academy of Science in participating in the **Goldfish II Project** (*Detection of watercourse contamination using portable and versatile sensor systems*), Horizon 2020, deadline 16 December 2015
- Interest in the participation in the project **MERGBORD** (*Merging hazard maps at national border areas in the Danube Basin*) within the communication and cooperation with the ICPDR flood protection expert group

1. Information on project ideas

Slovak Water Management Enterprise

- In connection with the project **CatchMe** (*ecosystem services*), lead partner Soča Valley Development Centre, Slovenia, there is the preparation of the project proposal which will be submitted in April 2016, Interreg Central Europe Programme
- Submission of the project in cooperation with the Austrian partner, first call, Cross-Border Cooperation Slovak Republic – Austria (CBC SK-AT). Project proposal is in the preparation phase. The call is not open yet.
- Submission of the project in cooperation with the Hungarian partner, first call, Cross-Border Cooperation Slovak Republic – Hungary (CBC SK-HU). The project would be the continuation of **TELEDAN project**. The call is not open yet.

1. Information on project ideas

Water Research Institute



INstitutional COmmunication in Water Sector in the Danube Region (INCOWS) 1/1

Aim: Creation of system for the communication development of the institutions involved in water management in the Danube Region with the aim to deepen the following issues:

- Enabling transnational transfer of knowledge and experience
- Establishing and fostering closer international relations
- Unifying the methodologies with respect to national particularities of related countries
- Increasing the public awareness and insight of individual experts when getting familiar with other national particularities
- Improving individual methodologies, strengthening the experience exchange and increasing capabilities of experts

1. Information on project ideas

Water Research Institute



INstitutional COmmunication in Water Sector in Danube Region (INCOWS) 1/2

Outputs:

- Introducing the mode of information exchange in the water policies implementation from the viewpoint of national particularities of individual countries
- Increasing the public awareness in environmental protection governance in water sector
- Developing national methodologies in water management
- Introducing international expertise in national approaches in the assessment of national particularities
- Unifying the approaches of EU and NON EU countries
- Dynamic water management
- Publishing the results with annotations and expertise

The project partners and financial mechanism searching.

1. Information on project ideas

Water Research Institute



Public awareness IMPROvement in protection of water resources, safeguarding of drinking WATER supply and waste water treatment in Danube Region (IMPROWA)

Aim: To raise the public awareness and information as the essential condition of public sector and young generation participation in ensuring the sustainable development of life conditions related to water in the region. The project focus will concentrate on the importance of water resources protection and safeguarding of drinking water supply to the inhabitants.

Planned activities: media campaign, education programs for schools, organizing summer schools, information brochures and leaflets, website launching, seminars for public and local administration

The project idea came from Moldovan colleagues as the output of non-EU countries visits organized by PA4.

The project partners and financial mechanism searching.

2. Information on projects submitted Slovak Water Management Enterprise



- Cooperation as a partner in the Tisza Project preparation, Danube Transnational Programme
- Negotiations regarding participation in the project DANICE (*Danube river basin ice conveyance investigation and icy flood management*), Danube Transnational Programme
- Project Danube STREAM (*continuation of the projects NEWADA and NEWADA duo*) where participating as the project partner, Danube Transnational Programme, 1st call, submission deadline 3 November 2015
- Current participation in the project FAIRway (within the programme Connecting Europe Facility – CEF) as an external partner. Duration of the project is July 2015 – December 2019.

2. Information on projects submitted

Institute of Hydrology, Slovak Academy of Science



Project title:

Integrated Flood Protection and Transnational Water Management

- Leader of the project: University of Ljubljana, Slovenia
- Funding instrument: Danube Transnational Programme
- Priority: Priority Axis 2 – Environment and culture responsible Danube Region
- Project objectives (outputs):
 - Development of a hydrological model of the Danube River basin and its tributaries. The idea is to combine the Danube and its tributaries as Inn, Morava, Drava, Tisza and Sava Rivers that have a significant impact on the flood regime of the Danube Basin into one hydrological model.
 - The model can be easily used to propose appropriate flood risk prevention measures with the consideration of climate change and land-use change.
 - The knowledge about the sediment and water balance and processes defining the water cycle is needed to enhance the transnational water management in the Danube River Basin.
 - The model can also be used for flood forecasting and proper management with dam storages including climate change impacts and sedimentation.

2. Information on projects submitted Slovak Hydro-meteorological Institute



Project title: INFLOODSEDTRAM – Integrated Flood Protection and Transnational Water Management

- Project leader – University from Ljubljana
- Duration of the project – 30 months
- Funding instrument – Danube Transnational Programme
- Priority: Priority Axis 2 – Environment and culture responsible Danube Region
- Specific objective - SO2.1 „Strengthen transnational water management and flood risk prevention“
- Project objective – creation of hydrological model which can be used for flood modelling and also for the sediment transport analysis. Modelling will represent the basis for flood protection improvement with better function of water dams and better water management

2. Information on projects submitted Slovak Hydro-meteorological Institute



Project title: Climate Change Strategies – Warning on extreme events and alert mechanism for users in agriculture

- **Project leader – Balcon consulting, Ltd, HU**
- **Funding instrument – Danube Transnational Programme**
- **Specific objective - SO2.4 „Improve preparedness for environmental risk management“**
- **Project objective – improving alert flood protection system and alert drought systems**
- **The project will contain also trainings for users and experience exchange among partners**
- **SHMI aspires to be a part of the consortium containing 6 states**

2. Information on projects submitted Slovak Hydro-meteorological Institute



Project title: Climate Strategy and Action Plan

- Location – Republic of Serbia
- Project leader – Balcon consulting, Ltd, HU
- Funding instrument – Europe Aid/135966/DH/SER/RS
- Project objective – emission and mitigation policy for Serbia as accessing EU country
- SHMI aspires to be a part of the consortium containing 3 states

2. Information on projects submitted

Slovak Hydro-meteorological Institute and Water Research Institute



Project title: JOINTISZA – Preparation of the updated Integrated Tisza River Basin Management Plan (2016 – 2021)

- **Participating countries** – Ukraine, Slovakia, Hungary, Romania, Serbia
- **Duration of the project** – 30 months
- **Funding instrument** – Danube Transnational Programme
- **Priority: Priority Axis 2** – Environment and culture responsible Danube Region
- **Specific objective: SO2.1** „Strengthen transnational water management and flood risk prevention“
- **Project focus:** proposal of activities of the upcoming water plan of the Tisza River Basin and flood risk prevention with the aim at overall improvement of water status in the respected basin
- **Project objective:** to improve the integration process of the national water management planning in line with the European legislation
- SHMI aspires to be a part of the consortium for the period of the project implementation 2017 – 2019. It will focus on the analysis of monitored data regarding quantity and quality of ground and surface water.

2. Information on projects submitted Water Research Institute



Project title: MINEWATERLIFE

Utilization of post mining wetlands and lakes in Danube region

- **Location** – Czech Republic, Slovenia, Slovakia
- **Project leader** – VSB - Technical University of Ostrava, Czech Republic
- **Partners** – 14 partners in total from CZ, HU, RO, SK and SLO
- **Duration of the project** – 30 months
- **Funding instrument** – Danube Transnational Programme
- **Priority: Priority Axis 2** – Environment and culture responsible Danube Region
- **Project objective** – Comprehensive approach to integrated environmental management related to preservation and sustainable use of natural resources; utilization of newly created water bodies in mining areas and integrated environmental management aiming at protection and sustainable use of natural heritage and resources.

2. Information on projects submitted Water Research Institute

Project title: "Support to the safety of the drinking water systems and establishment of the level of pollution reduction for the dangerous substances in Moldova", (SAMRS/2015/MD/01/01)

- **Location** – Moldova
- **Project leader** – Water Research Institute
- **Partners** –
EcoContact/Aarhus Centre for Environmental Information and Consultation, MD
Basin Water management Authority“; State Enterprise, MD
- **Funding instrument** – Slovak Aid
- **Project objective** – Improvement of safety of drinking water and needs for sanitation of the waste water by the programme of the pollution reduction for the dangerous substances”

Specifically - an overall improvement of the safety system for drinking water and estimation of the risks in the supply system in Moldova and progress in the knowledge of quantitative of pollution reduction from the waste waters with content of the dangerous substances and its implementation in the pilot river basin in Moldova

2. Information on projects submitted Water Research Institute

Project title – Determination of thermal and resistance characteristics of standard natural draught cooling towers Itterson and development of a computational model for their determination

Duration – 1 July 2016 – 30 June 2020

Project leader – ORGREZ, a.s.

Partners – CZ, VUT CTU Praha; WRI

- **Funding instrument: EU – Research & Innovation, Research Fund for Coal and Steel: RFCS-01-2015, Type of action: RFCS-RPJ, Proposal number: 710103, Proposal acronym: DETRC**
- **Project status – submitted**
- **Budget of partners– 298 692 EUR**
- **Co-financing – 40% (199 128 EUR)**

2. Information on projects submitted Water Research Institute



Project title – Restoration and management of Danube flood plain biotope

Project leader – BROZ

Partners – WRI, Water Management Construction, National Forest Centre, Duna National Park – Ipoly (Hungary)

- **Funding instrument: LIFE (Ministry of Environment of the Slovak Republic)**
- **Project status – approved**
- **Budget of partners– 2 580 000 EUR**
- **Co-financing – 40% (1 720 000 EUR)**

2. Information on projects submitted Water Research Institute



Project title – Capacity Building Support to Turkey on Groundwater Management

Duration – 2016-2018

Project leader – NIRAS IC Sp. z o. o. (Poland)

Partners – 34 organizations altogether

- **Funding instrument: Europe Aid (Ministry of Foreign Affairs of the Slovak Republic)**
- **Project status – approved**

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Thank you