

EUSDR PA4 relevant projects

Thematic Poles of DTP and POLE 4 on water management

 **POLE 1: Innovative ecosystem for SMEs** 
Danube Transnational Programme

 **POLE 3: Entrepreneurial learning systems** 
Danube Transnational Programme

 **POLE 5: Cultural and natural values in the Danube Region** 
Danube Transnational Programme

 **POLE 7: Waterways** 
Danube Transnational Programme

 **POLE 9: Educational governance** 
Danube Transnational Programme

 **POLE 11: Participatory and local governance** 
Danube Transnational Programme

 **POLE 2: RDI framework support** 
Danube Transnational Programme

 **POLE 4: Water management** 
Danube Transnational Programme

 **POLE 6: Sustainable mobility** 
Danube Transnational Programme

 **POLE 8: Sustainable energy** 
Danube Transnational Programme

 **POLE 10: Migration and inclusive governance** 
Danube Transnational Programme

<http://www.interreg-danube.eu/relevant-documents/dtp-capitalisation-strategy>

Thematic Pole 4 on water management

7 projects belongs to this thematic issue and 6 directly linked to PA4 activities (plus one:)

- CAMARO-D
- DriDanube
- DanubeSediment
- JOINTISZA
- **Danube Floodplain**
- **SIMONA**
- **DeepWater**
- **DanubeHazard**



- **Other relevant project: MEASURES**



Pole Leader: Mr. Balázs Horváth - EUSDR Priority Area Coordinator 4
Co-Leader: Mr Gheorghe Constantin - EUSDR Priority Area Coordinator 5

Project started in June 2018

SIMONA

**Sediment-quality Information,
Monitoring and Assessment
System to support transnational
cooperation for joint Danube
Basin water management**



- Harmonised monitoring of hazardous substances for quality assessment of sediments in DRB surface waters
- Sediment-quality Information, Monitoring and Assessment System (sampling, laboratory analysis, evaluation protocols and SIMONA-tool (online IT application) applicable at local and strategic levels
- Capacity building

Project started in June 2018

SIMONA

First semester:

- Activity was focusing on the development of **inventory of existing good practices** and available knowledge in the project countries **regarding sediment quality monitoring**.
- Events: Inventory workshop took place in 10-11 April, Vienna: The inventory, which was materialized into a report at the Inventory workshop, which was organized in Vienna describes the current situation in project countries, international examples of good practices and forms the basis on which the sediment sampling, laboratory and evaluation protocols of SIMONA will be developed.

Second – third semesters:

SAMPLING GROUP WORKSHOP

IN ZAGREB: From 18th to 19th of July 2019, sampling group, leaded by the HGI-CGS partner, held a workshop with the purpose to acquire the answers and solutions for the drainage sediment sampling methodology.

Laboratory workgroup workshop held in Budapest on 26/27 August 2019: WG members gathered to discuss the laboratory protocol development and deliverable finalization.

Working group meetings are continuous

Project started in June 2018

Danube Floodplain



Reducing the flood risk through floodplain restoration along the Danube River and tributaries

- Updating floodplain areas inventory and their ranking;
- Based on pilot areas, assessing efficiency of floodplain projects in the Danube District
- Danube basin wide floodplain restoration and preservation manual for practitioners;
- Sustainable Floodplain management Strategic Guidance; DRB Roadmap

Project started in June 2018

Danube Floodplain

- In September 2018-February 2019 national kick off events took place in Slovenia, Slovakia, Czech Republic, Austria, Serbia, Hungary, Germany, Romania
- Expert meeting on floodplain evaluation took place in January 2019 in Szeged
- Ecosystem services workshop and stakeholder event held back to back with the national kick-off event in CZ and SK.
- Danube Floodplain - Expert Meeting - Experts in hydraulic modelling, ecological modelling and stakeholders analysis decide on modelling strategies on 18-19 December 2018, in Munich

Upcoming events:

- 5-6 June 2019 - 2nd Project meeting and first year review (Bucharest, Romania)
- Expert meetings



Project started in June 2018



MEASURES aims to create ecological corridors by identifying key habitats and initiating protection measures along the Danube and its main tributaries. In this sense, sturgeons and other migratory fish species will act as flagship species in support of our goals.



- Mapping and identifying of key habitats by developing and testing a methodology for migratory fish habitat mapping;
- developing a harmonized strategy for restoring green corridors and supporting implementation in future management plans;
- restocking of two native species to conserve their genetic pool in Hungary and Romania, establishment of a network for concerted repopulation of the target species and elaboration of a manual for the operation of broodstock facilities that will provide the offspring needed for the re-population;
- the implementation of the MEASURES Information System that will facilitate the access of experts, decision-makers and the general public to the relevant information available.

Project started in June 2018



Factsheets were developed and are available at the project website introducing the main project elements as follows:

- Infosystem eco-corridors ([T1](#))
- Mapping the corridor ([T2](#))
- Strengthen migratory fish ([T3](#))
- Securing the eco-corridor ([T4](#))

Beginning of 2019

- Field survey of potential wintering habitats on Mura river and
- Field survey of potential wintering habitats on Sava river were organised.

Completed

- the first round of national stakeholder workshops,
- the technical implementation of the MEASURES information system,
- the first draft of the habitat list and map,
- and the first round of restockings.

Project started in June 2018



Two pilot restocking actions for sterlet hatchlings have been conducted this year by the Hungarian partner, NAIK-HAKI at **Baja and Ercsi with two times of 2500 individuals (5000 total)** released into the Danube **wearing yellow individual tags marked with "EU MEASURES"** and an individual number for later identification. **In case of catch, the fishers are kindly asked** to contact the researchers or the local angling association while gently releasing the fish back to the river. These restocking provide direct support for the wild populations. In this activity, the juveniles are reared under artificial and safe conditions to one year of age, before being released into the river.

28/10/2019: Over 120 specialists from 22 countries, representing 59 organizations have gathered to provide solutions for the white-moustache scales-bearers – the Danube sturgeons. **The three-days meeting** has been co-organised by the University of Galați „Dunărea de Jos”, situated in the heart of the Lower Danube in Romania, together with WWF.

30/10/2019: MEASURES - International Conference "Conservation of Danube Sturgeons"

Four minutes movie has been released and can be downloaded:

<http://www.interreg-danube.eu/news-and-events/project-news/4657>

DeepWater 01/05/2019 – 30/04/2022



The **DEEPWATER-CE** project aims to develop integrated environmental management capacities of responsible public actors so that they become able to plan water resources and adopt managed aquifer recharge schemes in central European countries as a solution to climate change induced water scarcity.

Includes 5 countries (**Hungary**, Slovakia, Croatia, Poland, Part of Germany) – 8 project partners

Budget: 1.771.535,96 €

A **kick-off meeting** for the DEEPWATER-CE was held in June 11-12, 2019 in Budapest, Hungary. The event was hosted by the project's lead partner, the Mining and Geological Survey of Hungary.

DanubeHazard – proposal under development

Title: Tackling hazardous substances pollution in the Danube River Basin by Measuring, Modelling-based Management and Capacity building

On 1st of October 2019 the **Monitoring Committee has decided to invite** the project to develop the Expression of Interest into a full project proposal.

The **project aims** to achieve a durable and effective transnational control and reduction of HS water pollution

Danube Hazard m3c **builds on the three elements of water governance** (measuring, modelling and management) complemented by capacity building.

The first objective is to improve the knowledge and understanding of the status quo of HS water pollution

in the DRB, by collecting and making available existing data of HS concentration levels, filling data gaps with a pilot action to demonstrate the feasibility of a cost-effective measurement concept, modelling emissions at catchment level and critically reviewing current policies.

The second objective is the coordinated prioritization of transnational measures to tackle HS water pollution, with consideration of territorial needs.

Last, tailor-made capacity building activities will enhance stakeholders' instruments to tackle HS water pollution.

[www. waterquality.danube-region.eu](http://www.waterquality.danube-region.eu)
www. environmentalrisks.danube-region.eu



<https://www.danubewaterquality.eu/news/water-related-funding-is-available-pa4-leaflet>

Thank you for your attention!