

05.11.2020

Water JPI Workshop on cooperation in Danube Region countries



- Part of EU Cohesion Policy
- Based on DTP Cooperation Programme of 14 countries
- Fostering transnational cooperation
- Supporting policy integration
- Supporting achievement of EU Strategy for Danube Region objectives
- Not supporting: pure research / infrastructure





Current programming period 2014-2020



SO 2.1: Strengthen transnational water management and flood risk prevention



strengthen **joint and integrated approaches** to further **develop and implement River Basin Management Plans** in the Partner States in line with the overall Danube River Basin Management Plan in order to **improve transnational water management** and **flood risk prevention** contributing to the sustainable provision of ecosystem services.

S.O.2.1 Envisaged result

Better integrated plans and developed solutions to further protect and enhance the status of all waters and to ensure the sustainable, long-term use of water resources in the Danube region well-coordinated with sound flood risk management

Integrated strategies, plans and solutions:

- focused on river(basin)s, water bodies of transnational relevance
- surface and ground waters, within the context of the relevant River Basin Management Plans and / or Flood Risk Management Plans
- tools (monitoring, forecasting, decision support, operational, ...) connected to (existing) water / flood management policy frameworks, strategies, plans
- taking into consideration existing initiatives, results (e.g. of ICPDR, other projects)

Not in target of SO 2.1

- Missing transnationally relevant water bodi(es)
- Focus only on local / cross-border area needs
- Scientific / technological focus without operational / policy uptake
- Focusing on infrastructure development

Various approaches and topics

➤ **Water quality and pollution reduction on transnational scale**

- Harmonised, joint sediment quality monitoring protocols
- Coordinated measures for hazardous substances pollution through basin-wide emission modelling and recommendations for the DRBMP
- Harmonised solutions for monitoring source and flows plastic pollution on Tisa river; practical tools for communities in fight plastic pollution

➤ **Flood prevention**

- Effective solutions for flood plain restoration in DRB
- Harmonised hydrological information sharing for flood & ice forecasting along Danube River

➤ **Joint, integrated river basin and flood risk management planning**

- Tisa RBMP (water quality, quantity; draught; flood management)

➤ **Sediment management**

- well covered (qualitative & quantitative aspects in Danube RB context)

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

SO 2.1 projects

DAREFORT

Danube River Basin Enhanced Flood Forecasting Cooperation



- Policy recommendations for ICPDR in connection to Danube Hydrological Information System (DanubeHIS)
- Enhanced, harmonized distribution of hydrologic and ice data for Danube catchment countries
- Danube Forecasting Forums (DAFF) as international professional discussion forum

SO 2.4: Improve preparedness for environmental risk management

Establish and develop a **more effective governance system for environmental protection** addressing emergency situations and improve the **preparedness** of public authorities and civil protection organisation contributing to the **reduction of risks and impact on ecosystem services, biodiversity** and human health.



Envisaged result

- improved **strategic** and **operational cooperation** and **interoperability** among the **emergency response authorities** and **stakeholders** ensuring professional emergency response services and capacities to respond to major national and international emergencies

DriDANUBE

Drought Risk in the Danube Region



- **Drought User Service** online tool - more accurate and efficient drought monitoring and timely early warning
- Harmonised methodologies for drought risk and impact assessments
- **DriDanube Strategy** to improve drought emergency response (tested on pilot actions) - basis for more efficient drought management cycle (monitoring–impact assessment–response–recovery–preparedness) in DR.

WACOM

**Water Contingency
Management in the Sava River
Basin**

- Improved operational response framework and rapid response toolbox to emergencies in case of accidental pollution and floods on transboundary watercourses in Sava River Basin

POII A Greener, Low Carbon Europe

SO 2. Promoting climate change adaptation, and disaster risk prevention, resilience, taking into account ecosystem-based approaches

FOCUS (DRAFT): :

- Harmonised, coordinated, joint prevention and emergency response capacities on transnational river(-basin) scale in case of floods, droughts, or accidental pollution of rivers

Type of actions (DRAFT):

- Developing and testing coordinated, harmonised, integrated strategies and tools on transnational river(basin) scale to prevent flood risks, or drought;
- Elaborating harmonised, joint strategies, action plans, contingency planning, developing and testing monitoring and alert systems, decision support tools, improving operational cooperation, interoperability, institutional and technical capacities of emergency response authorities to combat flood, drought or accidental pollution of transboundary rivers

POII – SO3 Promoting access to water and sustainable water management

FOCUS (DRAFT):

- Strengthening capacities for prevention and mitigation of water pollution or restoration of good quality of transnational water bodies
- Harmonising management practises between water management, navigation, hydropower and flood protection to improve the quality and quantity of water in transnational river systems
- Transnational coordination of water supply management, especially in relation to basin-wide importance of groundwater bodies ensuring balanced use of water, taking also into account the impacts of climate change for future water demand.



Next Programming Period

POII – SO3 (v) Promoting access to water and sustainable water management

TYPES OF ACTIONS (DRAFT):

- Developing and testing coordinated, harmonised, joint solutions, and tools for more effective monitoring and modelling to ensure harmonised data availability, as well as for improved management measures to prevent and mitigate water pollution or to restore good quality of water
- Development, testing and / or implementation of harmonised strategies, management solutions and tools of sediment balance, or reconnection of adjacent floodplains / wetlands to improve water quality in transnational water bodies
- Developing harmonised, joint monitoring and modelling system(s) in order to better understand the transboundary groundwater systems of DRB
- Defining joint strategies and harmonised measures, elaborating and adopting innovative solutions in relation to water exploitation and protection ensuring balanced use of water, taking also into account the impacts of climate change for future water demand

Thank you

Marius Valentin Niculae

Project Officer

Danube Transnational Programme

Tel: +36 1 896 1967

marius.niculae@interreg-danube.eu

www.interreg-danube.eu