Programme co-funded by the European Union



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
- <u>Not supporting</u>: pure research / infrastructure





Current programming period 2014-2020





SO 2.1 – Water management

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 <u>in line with</u> the overall <u>Danube River Basin</u> <u>Management Plan</u> in order to improve transnational water management and flood risk <u>prevention</u> contributing to the <u>sustainable provision of ecosystem services</u>.



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



Integrated strategies, plans and solutions:

- focused on <u>river(basin)s, water bodies of transnational</u> <u>relevance</u>
- 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, ...) <u>connected to (existing)</u> water / flood management <u>policy frameworks, strategies</u>, plans
- taking into consideration existing initiatives, results (e.g. of ICPDR, other projects)



- 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



Projects of SO 2.1

Various approaches and topics

> Water quality and pollution reduction on transnational scale

- Harmonised, joint sediment quality monitoring protocolls
- Coordinated measures for hazardous substances pollution through <u>basin-</u> 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 <u>prevention</u>

- 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



SO 2.1 projects

- 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 SIMONAtool (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.





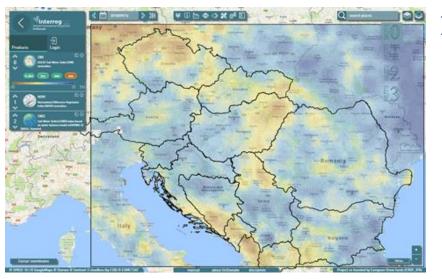
- improved **strategic** and **operational cooperation** and **interoperability among** the **emergency response authorities and stakeholders** ensuring <u>professional</u> <u>emergency response services and capacities</u> to respond to <u>major national and international emergencies</u>



SO 2.4 project

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 assessmentresponse-recovery-preparedness) in DR.



SO 2.4 projects

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

WACOM

Water Contingency Management in the 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.



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

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