

Drought risk in the Danube Region – DriDanube

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Side event on 'Flood Protection and Water Management
related issues in the Danube Region - EUSDR PA4–Towards
reaching good status of waters in the DRB
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Background

State-of-the-art situation

- High precipitation variability
- Climate change tendencies

Scientific background

- DMCSEE SEE project
- New scientific developments
- Improved stakeholder connections and policy

Administrative background

- Drought Management Centre in Southeastern Europe
- WMO, UNCCD, GWP, etc.



Basic information about the project

Number of partners: 14

Project Budget: 1.974.750,00 EUR

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

Project Lead Partner: Slovenian Environment Agency (ARSO)

Project Manager: Andreja Susnik (ARSO)

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Funded by: Danube Transnational Programme

Official website of the project:

<http://www.interreg-danube.eu/approved-projects/dridanube>

Project Partners

Lead Partner: **Slovenian Environment Agency (ARSO)**



7 EU countries
3 Non-EU countries
14 partners
9 ASP partners

Project Partners

- EODC Earth Observation Data Centre for Water Resources Monitoring GmbH (**EODC**), Austria
- Global Change Research Centre AS CR, v.v.i. (**CzechGlobe**), Czech Republic
- Global Water Partnership Central and Eastern Europe (**GWP CEE**), Slovakia
- Hungarian Meteorological Service (**HMS**), Hungary
- Vienna University of Technology (**TU Wien**), Austria
- Szent Istvan University (**SZIU**), Hungary
- National Meteorological Administration (**NMA**), Romania
- Centre of Excellence for Space Sciences and Technologies (**SPACE-SI**), Slovenia
- Meteorological and Hydrological Service (**DHMZ**), Croatia
- Slovak Hydrometeorological Institute (**SHMU**), Slovakia
- Faculty of Agriculture, University of Novi Sad (**FAUNS**), Serbia
- Republic Hydrometeorological Service of Serbia (**RHMSS**), Serbia
- Republic Hydrometeorological Service of Republic of Srpska (**RHMZ RS**), BiH
- Institute of Hydrometeorology and Seismology (**IHMS**), Montenegro

Associated Project Partners (ASP)

- Administration of the RS for Civil Protection and Disaster Relief (**URSZR**), Slovenija
- The State Land Office (**SLO**), Czech Republic
- Agricultural Station/Forecasting and Warning Service of Serbia in plant protection (**PIS**), Serbia
- Environment Agency Austria (**EAA**), Austria
- Austrian Federal Ministry of Agriculture, Forestry, Environment and Water Management (**BMLFUW**), Austria
- Ministry of Agriculture, Water management directorate (**MoA**), Croatia
- International Commission for the Protection of the Danube River (**ICPDR**), Austria
- Ministry of Agriculture (**FM**), Hungary

Target Groups

Project will target primarily partners and stakeholders from Danube Basin

- National Hydrometeorological Services
- Emergency response authorities
- Non-governmental organizations
- Water and Farmer communities/chambers
- Industries

General and Specific Project Objectives

- Project aims to increase the capacity of the Danube region to adapt to climatic variability, to manage drought related risks by **enhancing resilience to drought** with recently developed tools and data sets (the objective has been identified as answer to issues related to deficiencies both in drought monitoring process and drought management systems);
- **New drought monitoring services** will be developed and prepared for operational use;
- **Unified drought risk protocol** based on the Civil Protection Mechanism will be prepared;
- **Improved drought emergency response in the Danube region** (DriDanube aims to change mainly ad-hoc drought response to pro-active response based on risk management procedures).

Structure of the project

6 Work Packages (WP)

22 Activities within WorkPackages

eg: WP3, Activity 3.1, Activity 3.2, ...

Every activity has **Deliverables**: for eg. Manual, Report, Survey, Conference

Project Outputs:

- » 3 TOOLS
- » 4 LEARNING INTERACTIONS
- » 2 PILOT ACTIONS
- » 1 STRATEGY

Detailed information on the project structure:

Application form, Workplan (Excel)

Work Packages and Activity Presentation

WP1: Project management

WP2: Communication activities

WP3: Drought user service

WP4: Drought impacts assessment

WP5: Drought risk assessment

WP6: Drought response



Link with the EUSDR

Common territory

Connection with more PAs,

but especially with the water connected issues

Drought is an environmental risk (PA5)

Water quality issue is more important
at low water situations (PA4)

optimalisation of water management
policy based solutions

Expected Results

MAIN result:

Improved drought emergency response (Strategy) and better cooperation among operational services and decision making authorities in a Danube region on national and regional level.

OTHER outcomes:

- Drought User service
- methodology for drought risk and for near real-time drought impact assessment including forecast
 - pilot actions
- regional and national capacity building activities

Synergies with other INTERREG projects

Co-operation of three DTP projects:

- JoinTisza
- Camaro-D
- DriDanube

Narrow cooperation with the JoinTisza:

Twin pilot projects on catchment water management

Thank you for your attention!