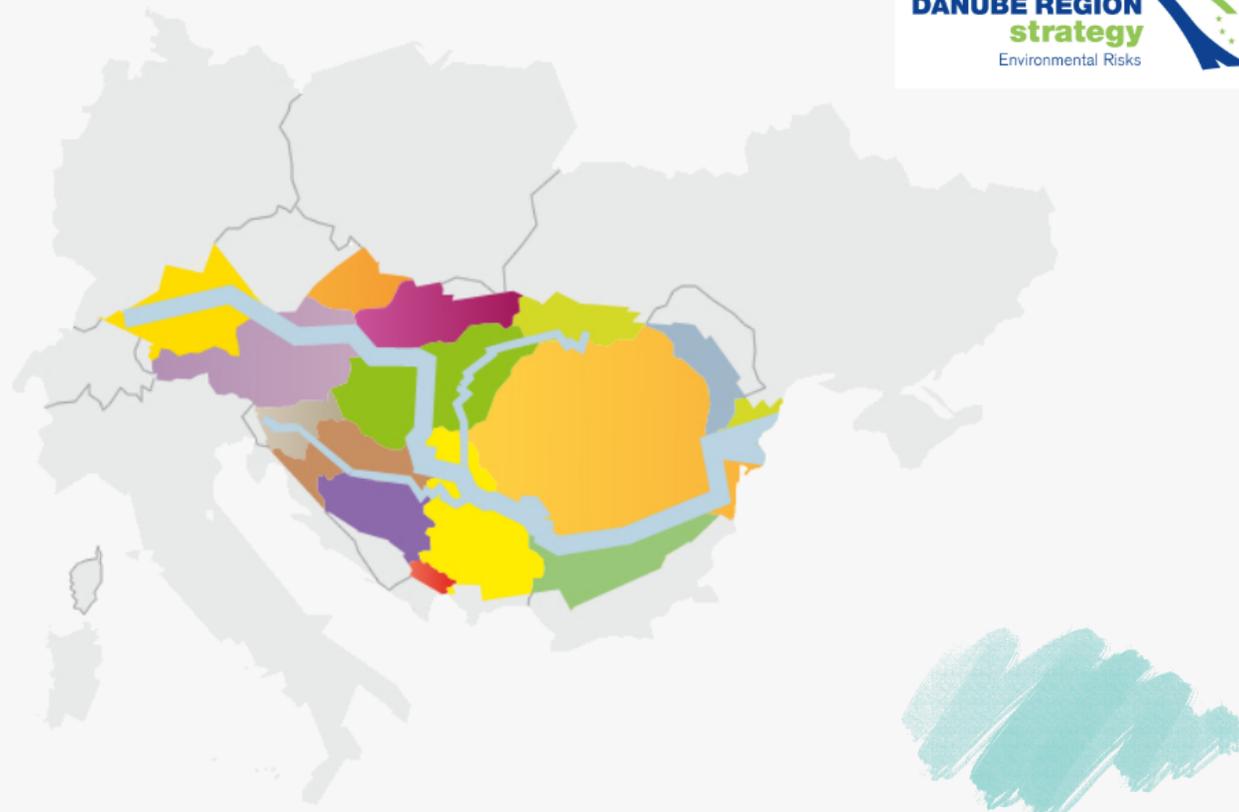
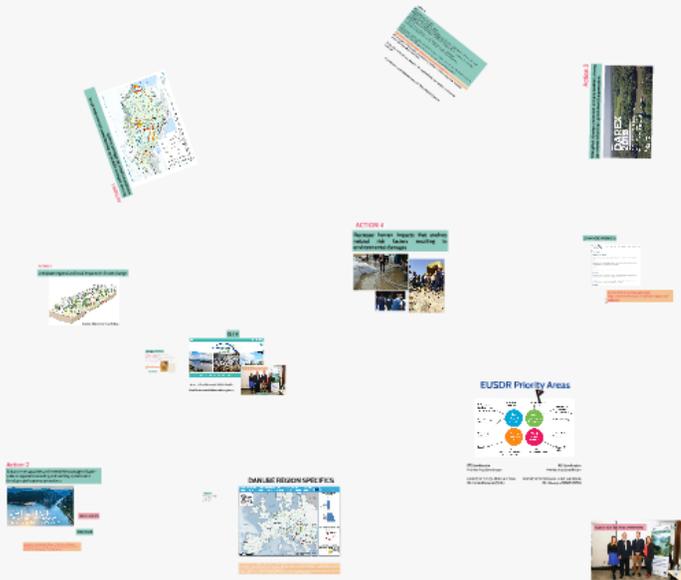


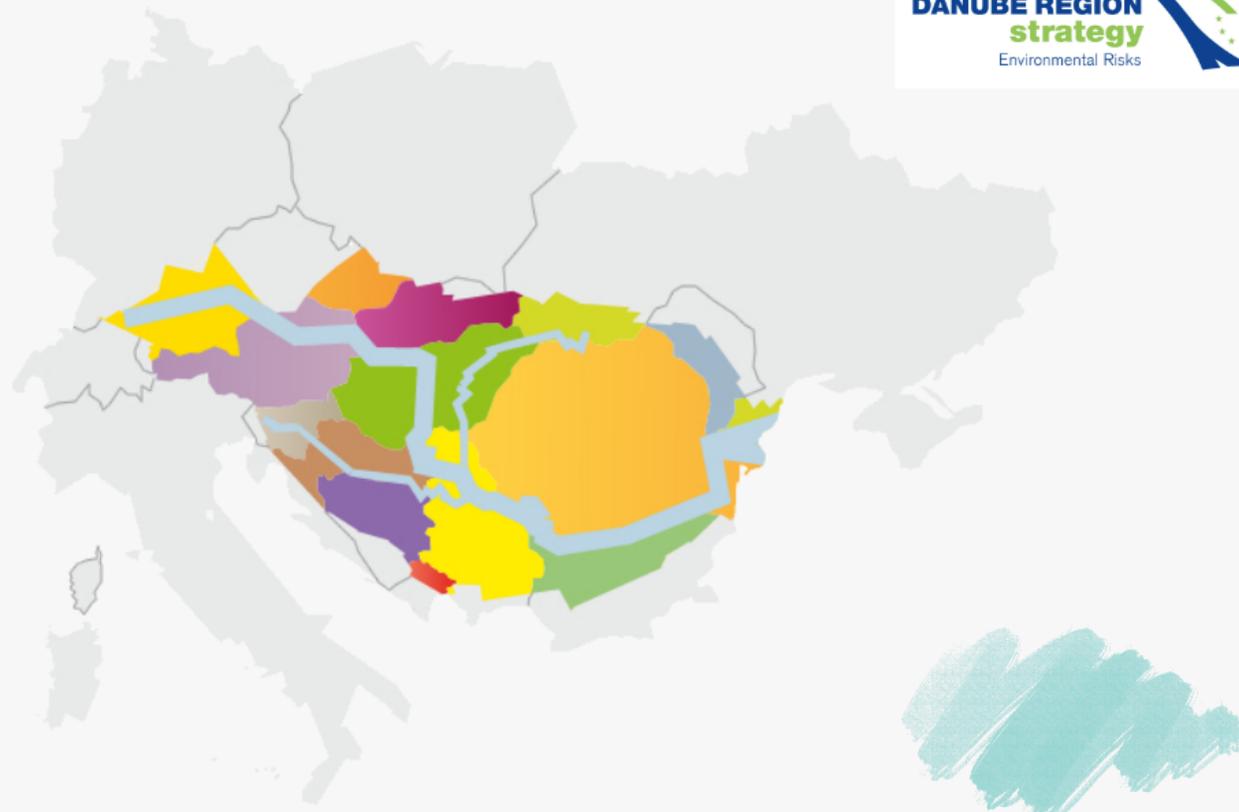
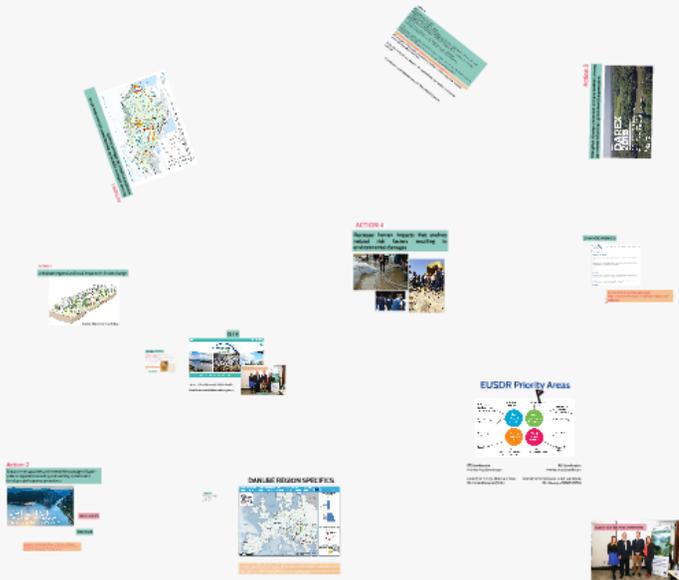
# Introduction of EUSDR Environmental Risk Priority Area



**László BALATONYI (Ph.D.)**  
priority area co-coordinator  
[balatonyi.laszlo@ovf.hu](mailto:balatonyi.laszlo@ovf.hu)



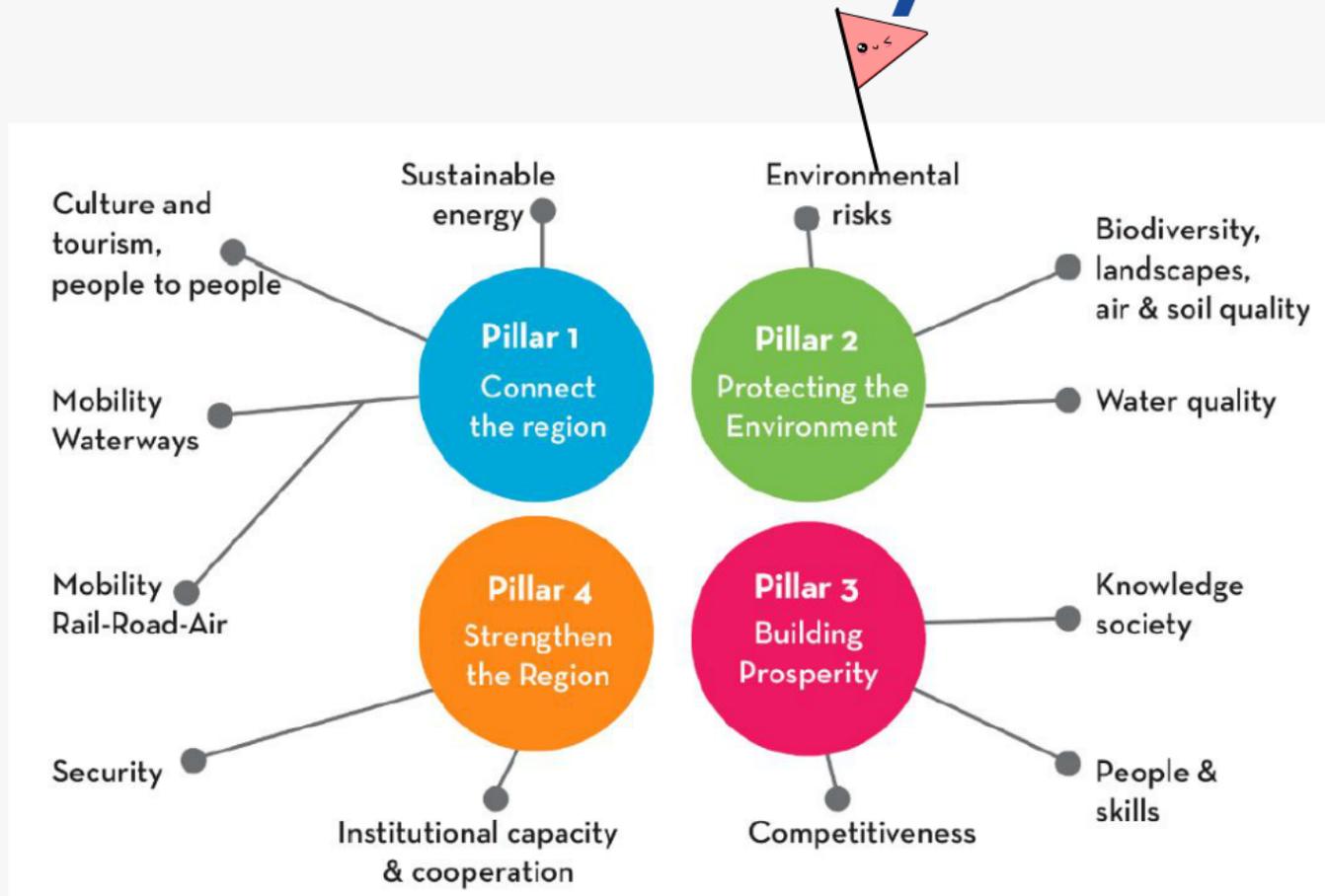
# Introduction of EUSDR Environmental Risk Priority Area



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# EUSDR Priority Areas



**HU Coordination**  
**Priority Area Coordinator**

Ministry of Foreign Affairs and Trade  
**Mr. László Balatonyi (Ph.D.)**

**RO Coordination**  
**Priority Area Coordinator**

Ministry of Environment, Water and Forests  
**Mr. Gheorghe CONSTANTIN**

## EU Strategy Danube Region Environmental risks Priority Area objectives

- To address the challenges of **water scarcity and droughts** in line with the Danube River Basin Management Plan – Update 2015, the report on the impacts of droughts in the Danube Basin in 2015 (due in 2016) and the ongoing work in the field of climate adaptation.
- Provide and enhance continuous support to the implementation of the Danube **Flood Risk Management Plan** – adopted in 2015 in line with the EU Floods Directive – to achieve significant reductions of flood risk events by 2021, also taking into account potential impacts of climate change and adaptation strategies.
- To continuously update the existing database of **accident hazard spots** (AHS Inventory), **contaminated sites and tailing management facilities**.
- To support the assessment of **disaster risks in the Danube Region**, encouraging actions to promote **disaster resilience, preparedness and response activities** in line with the European Union Civil Protection Mechanism.

# DANUBE REGION SPECIFICS

Emergency Response Coordination Centre (ERCC) – ECHO Daily Map | 23/02/2017  
 Floods Events in Europe: UCPM activations from 2006 to 2016



European Commission | Humanitarian Aid and Civil Protection



In recent years, most notably in 2002, 2006, 2013 and in the summer of 2014, parts of the Danube River Basin District were being affected by very strong or extreme flooding events. These events, with return periods of up to 100 years and above, caused significant human and economic damages in the affected countries and communities.

In 2006, 4 casualties were reported in the Czech Republic and Slovakia, and the costs and damages amounted to almost 600 million Euro in the whole basin. In 2010, there were 35 casualties, and damages of around 2 billion Euro occurred

A major step in EUSDR's life: the revised EUSDR Action Plan became officially final on 06.04.2020. It was transmitted to the European Parliament, the Council, the EESC and the Committee of the Regions.



Brussels, 6.4.2020  
SWD(2020) 59 final

**COMMISSION STAFF WORKING DOCUMENT**

**ACTION PLAN**

replacing Staff Working Document SEC(2010) 1489 final accompanying the

**COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN  
PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL  
COMMITTEE AND THE COMMITTEE OF THE REGIONS**  
**European Union Strategy for Danube Region**

# ACTION 1

## Provide sufficient support for development and execution of risk management plans for different hazards

Flood Hazard and Flooding Scenarios

DFRM Plan 2015 - MAP 1



FHA data for the Danube floodplain in BA, RO and RS was taken from the Danube Flooding Project. FHA data for Velika Morava floodplain in RS was taken from the SOPRAS 1 project.

FHA data for SI was provided for 11 out of 21 relevant flood hazard areas (based on watershed size and national importance criteria).

This ICPR product is based on national information provided by the Contracting Parties to the ICPR at: BA, BG, CZ, DE, DK, EE, FR, GB, GR, HU, IT, ME, MD, RO, RS, SI, SR, UA and UK. EuroGeographics data from EuroGeographics was used for all national borders except for AL, BA, BG where the data from the ESRF Vrancea Channel was used. Shuttle Radar Topography Mission (SRTM) from USGS Seamless Data Distribution System was used as elevation data layer; data from the European Commission (Joint Research Centre) was used for the river banks of the ICPR at AL, IT, MD and PL.

[www.icpr.org](http://www.icpr.org)



# Action 2

Enhance the capacities and extend the coverage of basin-wide or regional forecasting and warning systems and develop rapid response procedures



READY DANUBE

RISKHUB

Developing and upgrading the joint Hungarian-Ukrainian hydrographic telemetering system to improve water quality monitoring in the Upper-Tisza River Basin

## Action 3

Strengthen disaster prevention and preparedness among governmental and non-governmental organizations



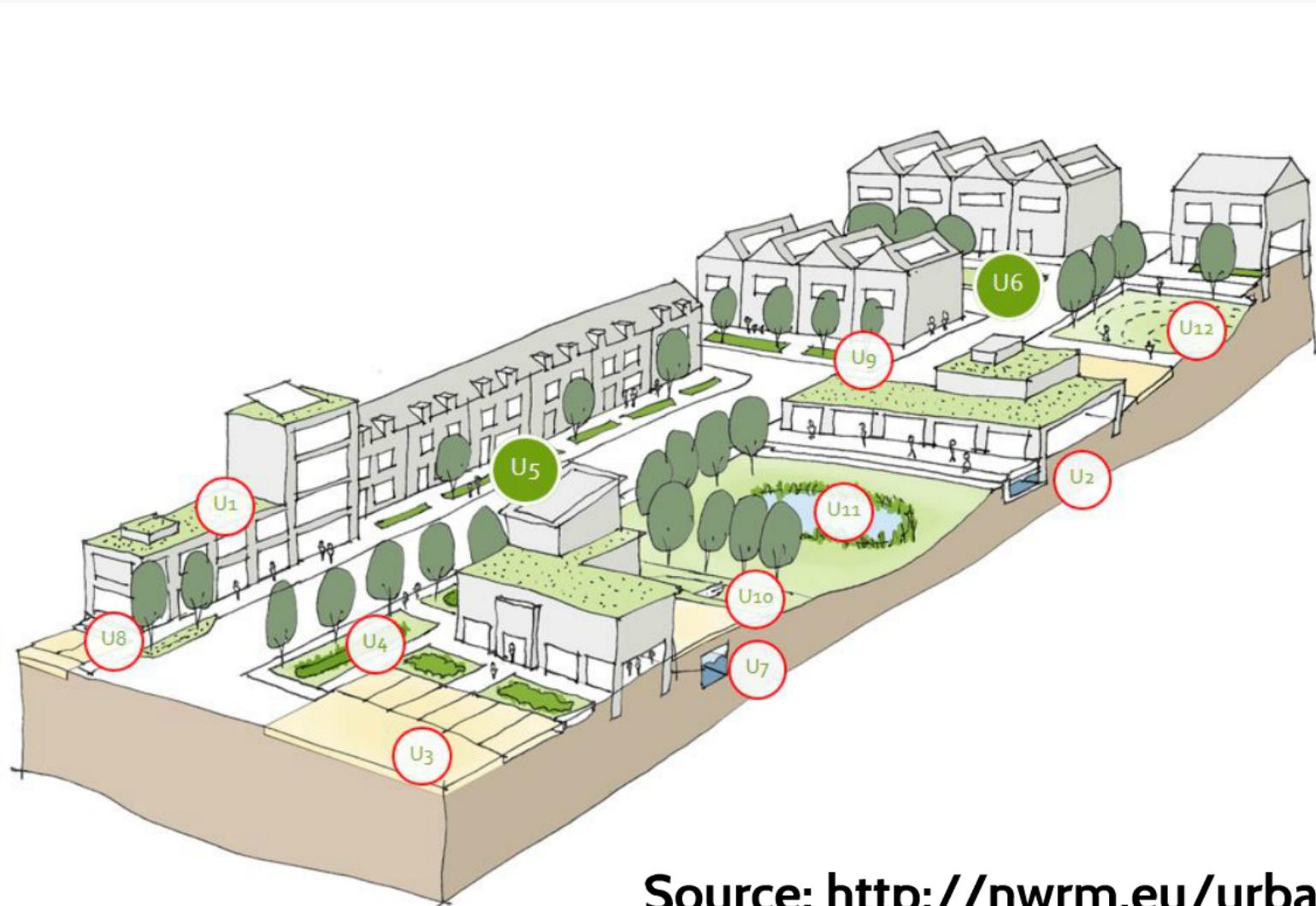
# ACTION 4

Decrease human impacts that evolves natural risk factors resulting in environmental damages



## ACTION 5

# Anticipate regional and local impacts of climate change



Source: <http://nwrn.eu/urban>

## Danube Region climate change adaptation related EUSDR PA5 activities

Contribution with peer-review to the EEA – ETC/CCA „**Adaptation in transnational regions in Europe**” study

**ICPDR Climate Change Adaptation Study** Update 2018 was elaborated in 2017. PA5 contributed to the review of the document

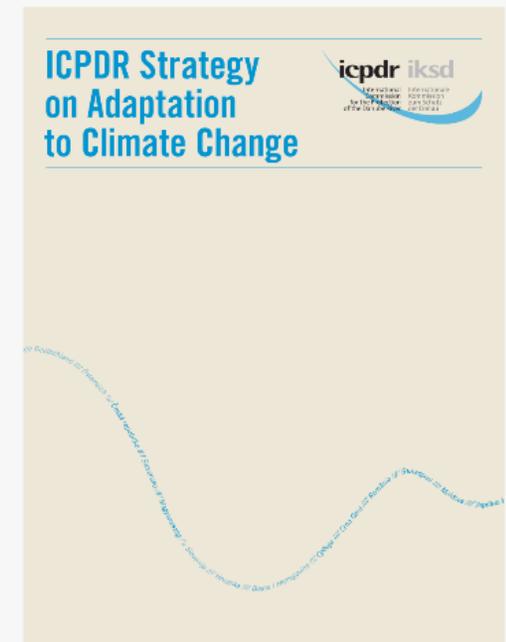
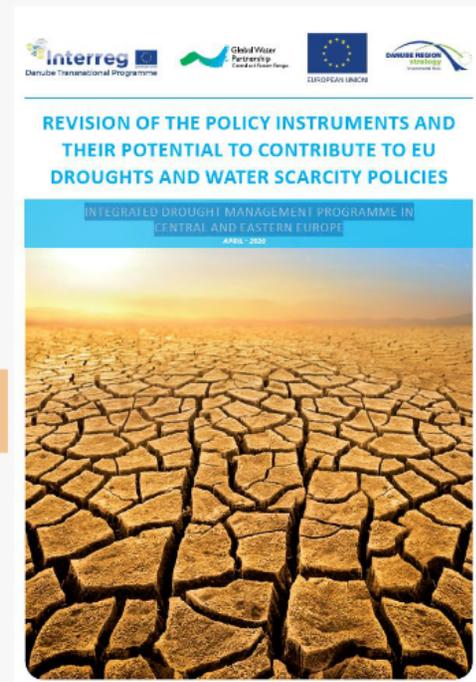
Revision of the policy instruments and their potential to contribute to EU **droughts and water scarcity** policies

More and detailed information on:

<https://environmentalrisks.danube-region.eu/>

and/or:

[balatonyi.laszlo@ovf.hu](mailto:balatonyi.laszlo@ovf.hu)



## LoR/LoM

### 2020

1. iPROVE (DG ECHO) – 19/12/2019
2. Ready Danube (INTERREG DTP) – 02/01/2020
3. Developing and upgrading the joint Hungarian-Ukrainian hydrographic telemetering system to improve water quality monitoring in the Upper-Tisza River Basin (HUSKROUA ENPI CBC) – 21/02/2020
4. Prep-R Preparedness for climate change related risks in Western Balkan region (Western Balkan Green Fund HU) – 27/03/2020
5. Complex flood-control strategy on the Upper-Tisza catchment area - DIKEINSPECT
6. Municipalities as integrators and coordinators in adaptation to climate change LIFE-MICACC

### 2019:

1. Strengthening cooperation in disaster risk reduction of water rescue units in Upper-Tisa Region (International Visegrad Fund) RISKHUB (INTERREG SKHU CBC)
2. Joint preparedness activities for wildfires in Komarom-Komarno region (International Visegrad Fund)

<https://environmentalrisks.danube-region.eu/projects/pa5-letter-of-recommendation-lor/>

**Dissemination of the results, communicating findings via SG meetings and organized events, plus by website and articles**

**Embed the results into e.g. education, like via InterFloodCourse project or e-learning materials**

**PA 05 Environmental Risks (Acronym: DTP-PAC2-PA5 )PAC2 project**

# STRATEGIC PROJECTS



[Home](#) [ABOUT US](#) [NEWS](#) [EVENTS](#) [STEERING GROUP](#) [PROJECTS](#) [PUBLICATIONS](#) [PHOTOS](#)

## PROJECTS

### [DTP Thematic Pole – Water Management](#)

WHAT is Thematic Pole for? – setting up the DTP Capitalisation Strategy – The DTP has designed its own DTP Capitalisation Strategy, which is thriving in a new context, differing to the SEE in a...

### [SAFETISZA](#)

Strengthening of Cross-border Safety by Joint Measures aimed at Flood and Inland Water Prevention in the Interfluves of Tisza-Tur Rivers The project with the title "Strengthening of Cross-border Safety..."

### [DAREFFORT](#)

DAREFFORT (DAnube River Basin Enhanced Flood FORecasting CooperaTion) The reliable and comprehensive hydrologic data is the basis of sound forecasting in any country of the Danube Basin. None of the flood...

### [Danube Floodplain](#)

Danube Floodplain – Reducing the flood risk through floodplain restoration along the Danube River and tributaries During the last decades, Europe suffered major catastrophic floods along the Danube. Therefore...

### [JOINTISZA](#)

The JOINTISZA project will enhance the status of waters of the Tisza River Basin. It will focus on the interactions of two key aspects of water management — river basin management (RBM) and flood protection...

### [Danube Sediment](#)

Can be find in our new web page:  
<https://environmentalrisks.danube-region.eu/projects/>

# Q / A



For more information please visit our website:

<https://environmentalrisks.danube-region.eu/>



Thank you for your attention!



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