

EU Strategy for the Danube Region Environmental Risks Priority Area

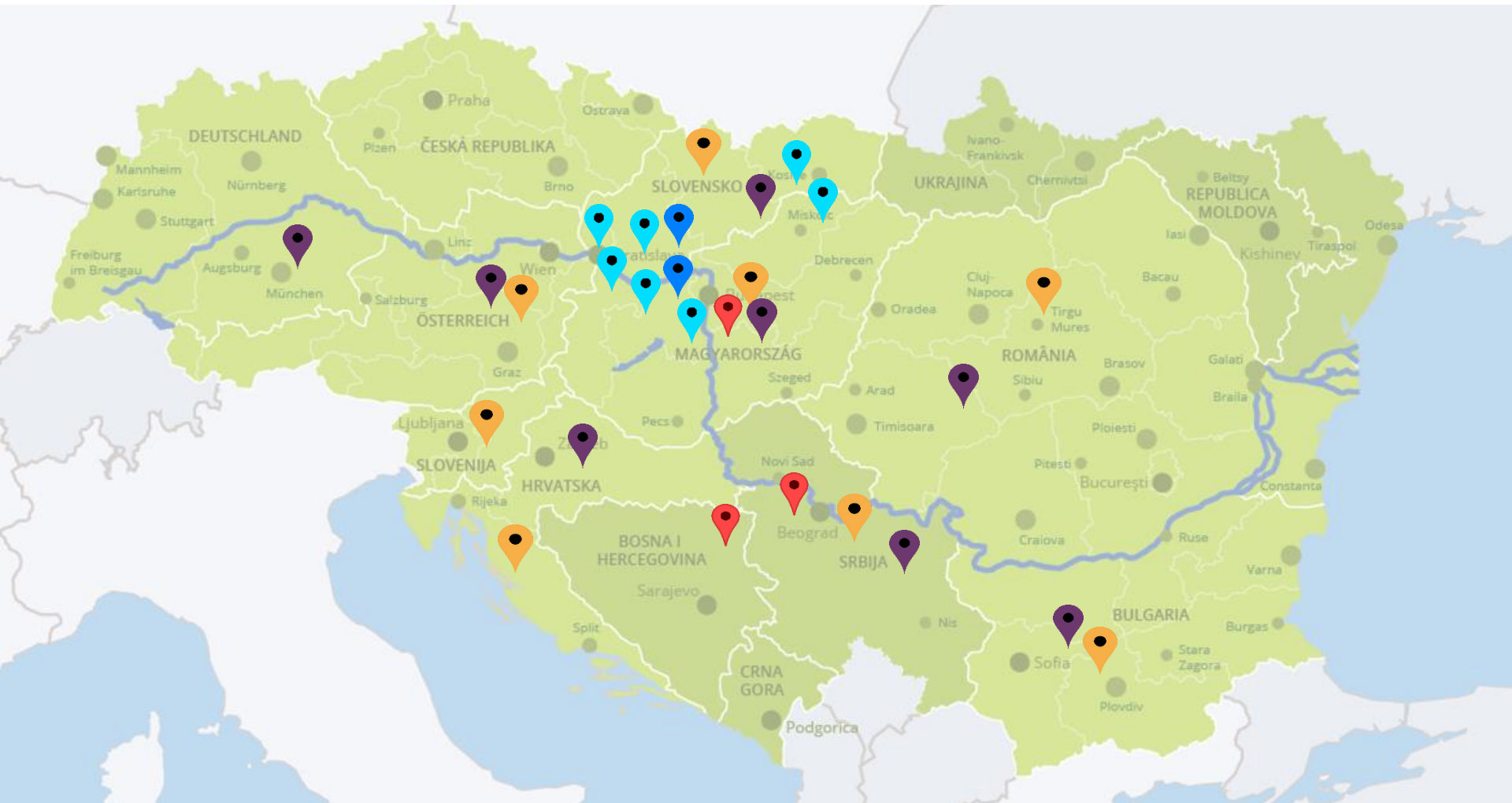
Projects with PA5 LoR/LoM



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DM WG PROJECTS

Where?



DM WG PROJECTS

What type?



DAREnet
(Danube)
PROFOUND
(Danube,
Tisza)
WACOM
(Sava)



WILDFIREX
(SK-HU)



RISKHUB
(SK-HU)
PREP-R
(Western-
Balkan)

DM WG PROJECTS

What funds?



HORIZON 2020

- DAREnet



Funded by
the European Union



Danube
River Region
Resilience
Exchange
network

DG ECHO

- DiMaND
- PROFOUND



Funded by
the European Union



DiMaND

International Visegrad Fund

- WILDFIREX



WILDFIREX

Western Balkan Green Centre

- PREP-R



WESTERN BALKANS
GREEN CENTER

INTERREG SKHU

- RISKHUB



Interreg
Slovakia-Hungary



RISKHUB

INTERREG DTP

- WACOM

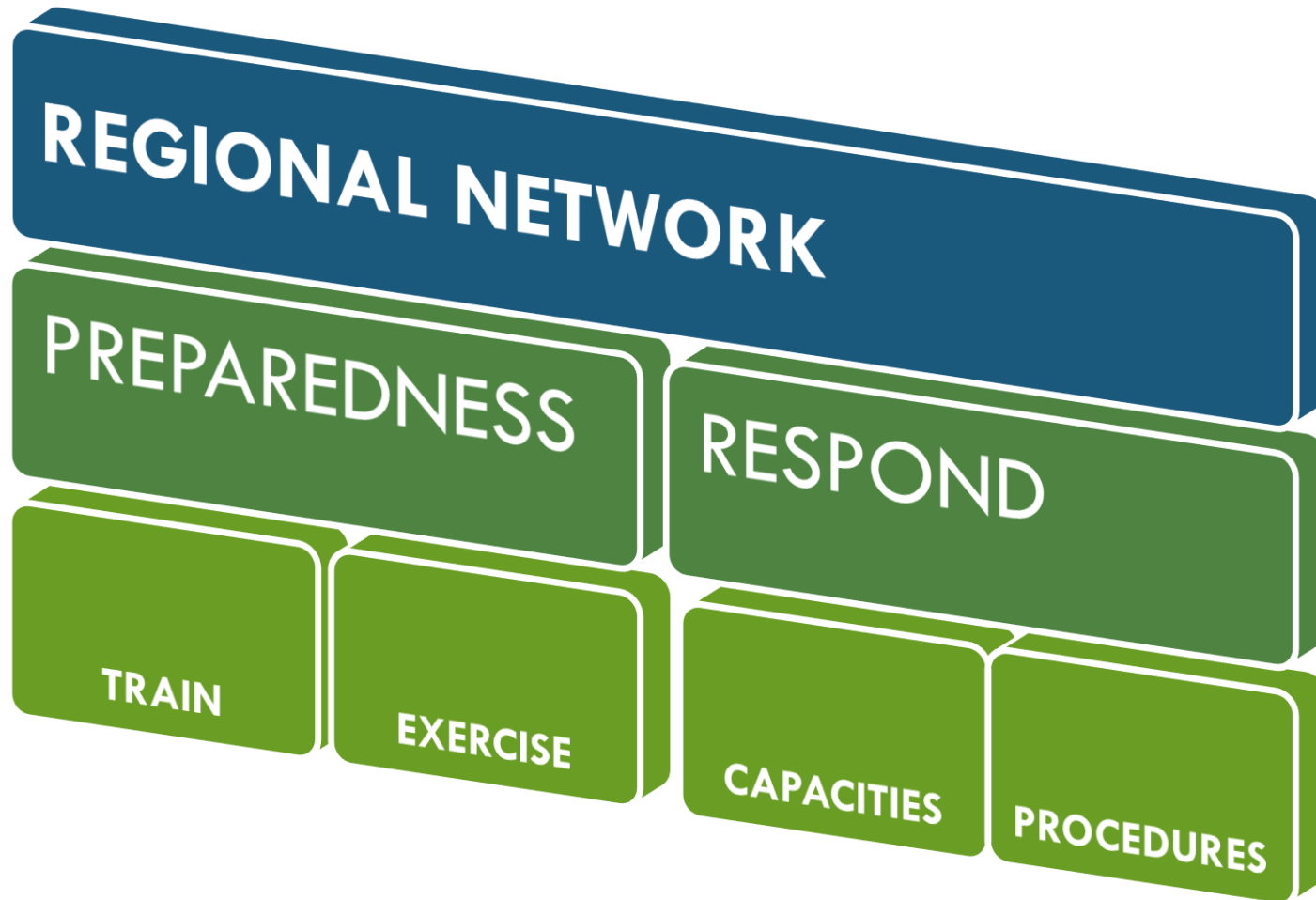


Interreg
Danube Transnational Programme
WACOM



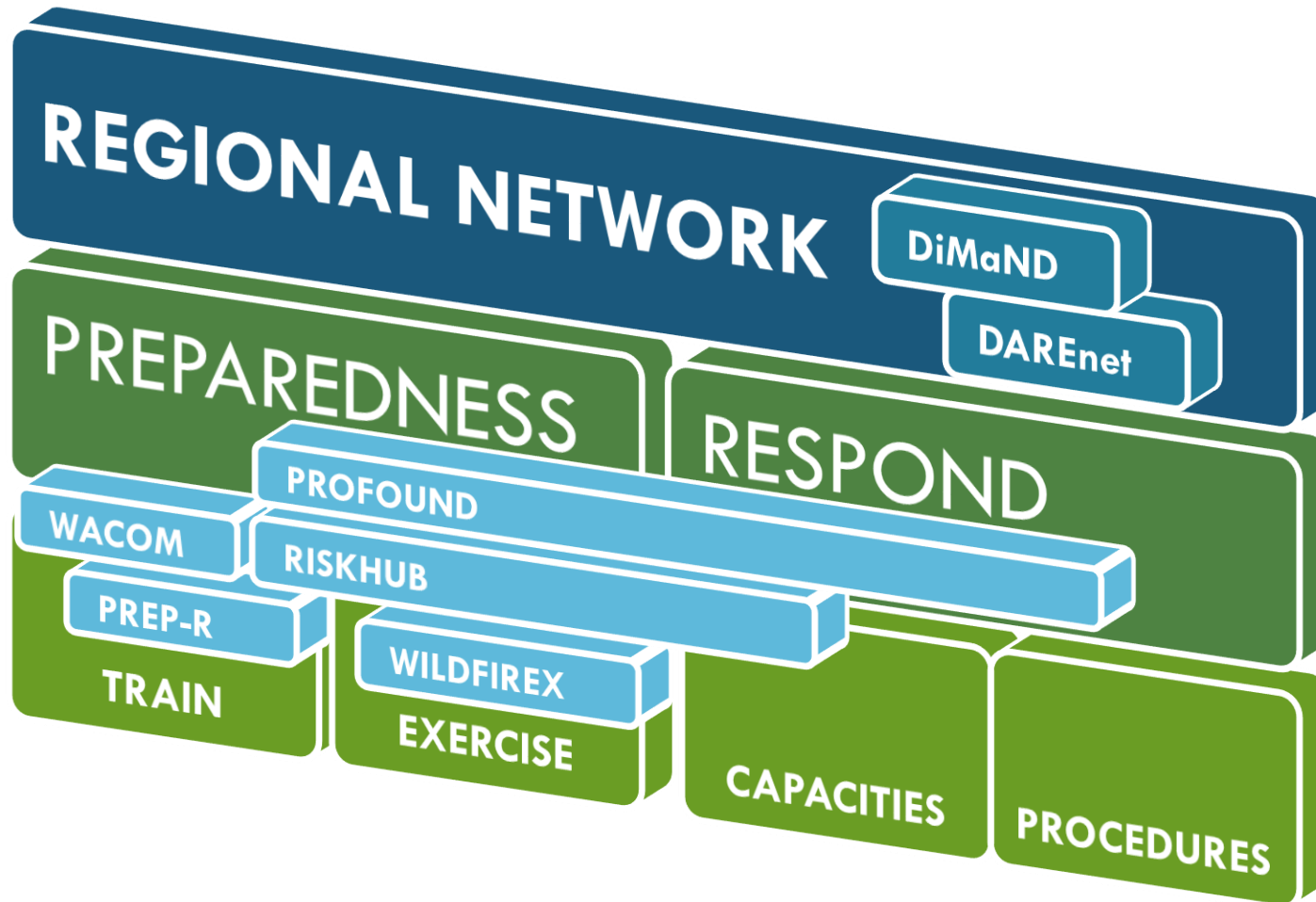
DM WG PROJECTS

How?



DM WG PROJECTS

How?





Danube River Region Resilience Exchange Network

Relevance:

Coordination and Support Action funded by the European Commission to connect flood management practitioners and networks in the Danube Region

Joint work with EUSDR PA₅ DM WG:

- ▣ Online event:

2nd Annual Practitioner Forum

Workshop: 24 Nov & Panel Discussion: 2 Dec

<https://www.practitionerforum.eu/>

2nd Annual Practitioner Forum DAREnet – PA5 DM-WG joint event



Objective:

[Annual Practitioner Forum Results Paper](#)

To introduce selected innovative approaches from practitioner organisations from the Danube Region with the aims to **facilitate discussions** about solutions, challenges and needs between **experts and stakeholders**, also to **generate project ideas**.

Workshop (24 Nov) – 2 sessions:

- ▣ Training of spontaneous volunteers and professional responders
- ▣ National, regional and international trainings

Panel discussion (2 Dec):

- ▣ DAREnet, EUSDR PA5 DMWG, DG ECHO, DG HOME and DTP
- ▣ *How can innovation in flood risk management training in the Danube River Region be enhanced through strategic partnerships?*

DAREnet – PA5 DM-WG joint event



Objective:

Review of the Roadmap of Cycle 4.

- ▣ **Workshop** (16-17 Sept)
- ▣ Firefighter Professional Day (18 Sept)
- ▣ Firefighter Contest for industrial firefighters





Disaster Management Network in the Danube Region



Relevance:

Strengthening the cooperation between disaster response organizations and to implement the activities of the PA5 DM-WG

Update:

- Start – 1 Jan 2021
- Preparedness practices workshop (Feb 2021) with a **joint Disaster Management Working Group meeting**
- Development of Knowledge Portal started
- Host nation support and volunteer coordination workshop (June 2021) – DM WG members invited



WILDFIRE EXERCISE



Joint preparedness activities for wildfires in Komarom-Komarno region

Relevance:

Strengthening the cooperation between disaster response organizations.

- Visegrad Fund



Update:

- Postponement of main event due to COVID19 (23-25 Sept)
- Joint exercise to support the improvement of more effective response to wildfires (Komarom-Esztergom County, Hungary, **Spring/Autumn 2021**)



Preparedness for climate change related risks in Western Balkan region

Relevance:

Develop a sustainable knowledge-sharing system to strengthen the preparedness activities related to climate change related risks in Western-Balkan region.

Update:

- ❑ Technical workshop (Kanizja, SRB) –online
- ❑ Development of 6 e-learning modules – ready
- ❑ Firefighter trailers for training – ready
- ❑ Training of trainers – Hungary, 7-9 May
- ❑ Final event – Serbia, 26 June





Reducing Risks by Improving Interoperability between Slovakia and Hungary for Better Preparedness

Relevance:

- focus on climate change related risks, such as wildfires and flash floods

Update:

- Start – 1 Oct 2020
- 3 meetings – online or hybrid
- Firefighter trailers for training are under development
- Minivans for personnel transport – May 2021





Procedures of Rescue Organizations in Flood Operations Unified in the Danube Region

Relevance:



Large-scale international field exercise for the water rescue units and volunteer fire brigades, improve the cooperation between non-governmental response capacities involved in flood response in the Danube Region with establishing and exercising a common framework for training and deploying in synergy with the Union Civil Protection Mechanism.

Update:

- Start – 1 Jan 2021
- Webpage: <http://profoundexercise.eu/>
- Training workshop (Feb 2021) back to back with RISKHUB event
- 1st Planning meeting for the exercise – 3-4 May 2021

iPROVE (submitted)



Improved Preparedness of Volunteer Emergency Responders in Cross-border Cooperation (DG ECHO)

Relevance: Strengthen cooperation and coordination between volunteer firefighters' organizations and public authorities from 2 EU member states: Romania, Hungary.



Objectives

- Priority: Enhancing cross-border emergency management
- Cross-border interoperability of civil protection modules or other response capacities and operational collaboration is strengthened;

REVITAL I.



The main goal of REVITAL I. is to set the foundation for the establishment of the revitalization process of the Solotvyno mine and surrounding area through deepened cross-border cooperation between Transcarpathia and adjacent areas.

Relevance: Strengthen cooperation and coordination between volunteer firefighters' organizations and public authorities from 2 EU member states: Romania, Hungary.



Update:

- ❑ The basic measurement of the geological structure
- ❑ Pre-monitoring of the area on spot started
- ❑ Special equipment will be used for further sampling
- ❑ Extension of project



Letter of Recommendation

- Strategic document and research for climate change and water industry investments in Tuzla Canton (Bosnia-Herzegovina) – 01/12/2020
- Carpathian wetlands as nature-based solution for climate change mitigation (CARPWET) – 15/01/2021
- Enabling rapid and far-reaching positive change for a climate-resilient community system: framework comprising INNOvation PACKages to reactivate European regions and communities (INNOPACK) – 21/01/2021

Letter of Merit

- WACOM – Water Contingency Management in the Sava River Basin 20/11/2020
- SafeForest – Improving Floodplain Forest Management along the Danube in the HU-SRB CBC area – 11/12/2020
- Upgrade and development of flood alarm and forecast model of MURA (ForMURA) – 02/03/2021
- Natural-based solution to mitigate flood risk due to SAND BOILS reactivations along the Po River (LIFE SandBoil) – 30/04/2021



Water Contingency Management in the Sava River Basin

Relevance:

- **International Sava River Basin Commission** defined a strategic policy framework with several ratified protocols. WACOM will enable development of **response mechanisms**.
- Transnational as well as cross-sectorial interaction between the water management and **civil protection administrations** will be supported by improved operational response framework and **rapid response toolbox**, harmonized with other agreements and EU procedures (such as **EU Civil Protection Mechanism**) as well.

Update:

- Kick-off meeting, project meetings
- National workshops
- Next steps?



Municipalities as integrators and coordinators in adaptation to climate change

Relevance:

To raise awareness and increase knowledge of decision-makers at Hungarian local governments, relevant public administration bodies, and economic actors about the impacts of climate change and about ecosystem-based natural water retention measures (NWRM) as a powerful tool to improve climate resilience.

Update:

- ❑ Online roadshows
- ❑ Adaptation guidelines for municipalities
- ❑ NWRM analysis: [Survey on natural water retention measures](#)





Improving Floodplain Forest Management along the Danube in the HU-SRB CBC area

Relevance:

The project is focusing on the connection of the **floodplain forest management** to the flow regime of the Danube. By surveying **inundation areas**, analysing the forest and game management issues related to different water levels, creating a **terrain model** and presenting the results on a website, this project can offer an approach to the floodplain forest management which can be applied on different locations in the Danube Basin.

Update:

- ▣ Started
- ▣ Kick-off



Upgrade and development of flood alarm and forecast model of MURA

Relevance:

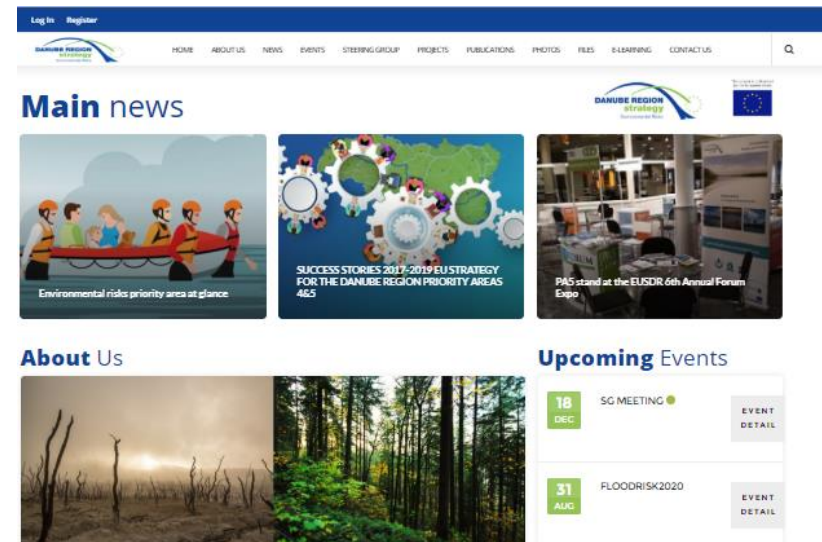
The project aims at renewing and further developing this system on the HR-HU section of common interest of the Mura by upgrading the existing 1D forecast model with the latest data and further developing it by the use of stateof-the-art technology.

Update:

- ▣ Started
- ▣ Kick-off



Thank you for your attention!



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

