



# Activities and achievements of the PA5 Disaster Management Working Group

# DM WG Members 25 from 10 countries



- ❑ Austria (3): 2 LTPs
  - Raphael Koller Austrian Fire Brigade Association
  - Konrad Stania Ministry of Agriculture, Regions and Tourism
  - Thomas Seltsam Austrian Red Cross
- ❑ Bulgaria (4): Beneficiary + LTP
  - George Vlaykov National Association of Volunteers in Bulgaria
  - Svetlin Stanev Department Fire Safety and Civil Protection DG
  - Yuliyana Grancharova Department Fire Safety and Civil Protection DG
  - Maria Raevska Department Fire Safety and Civil Protection DG
- ❑ Croatia (3): Beneficiary + 2 LTPs
  - Zrinka Raguž Dubrovnik, Administrative Department for EU Funds
  - Josip Granić Mountain Rescue Service Croatia
  - Mario Starčević Croatian Firefighting Association

# DM WG Members 25 from 10 countries



## Czech Republic (2):

Marie Adámková Ministry of Environment, Sendai Framework DRR

Pavel Danihelka VSB – Technical University of Ostrava

## Hungary (4): Lead Partner + Beneficiary + 3 LTPs

Tamás TÍMÁR Békés County Disaster Management Directorate

Bendegúz PAPP Hungarian Civil Protection Association

Brigitta SÁFÁR Hungarian Red Cross

Imre SZABJÁN Hungarian Charity Service of the Order of Malta

## Romania (1+1?): Beneficiary + LTP

Csaba ALBERT Harghita County Volunteer Firefighter Association

## Serbia (2): Dragan Ćapin President, Firefighting Association of Serbia

Mateja Živadinović Volunteering Support Association (LTP)

## Slovenia (2): Neža Strmole Gasilska zveza Slovenije Beneficiary

Ludvik Orban Slovenian Firefighter Association



## ☐ Slovakia (2):

Péter Tóth

Obec Brestovec Beneficiary

Ministry of Interior, Section of Crisis Management

LTP

Slovakian Firefighter Association

## ☐ Bosnia & Herzegovina (2):

Samir Huseinbasic Head of Department for Structure and Training in the

Sector for Protection and Rescue of the

Ministry of Security of Bosnia and Herzegovina

☐ Aleksandra Malinovic Civil Protection Administration Republic of Srpska

☐ Montenegro? PREP-R II

☐ Moldova?

☐ Germany?

☐ Ukraine? Interreg HUSKROUA



Action Plan of PA5, Action 3.

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

3.1 Support **joint preparedness activities** of disaster response actors (professionals and volunteers at operational, tactical and strategic level)

PROFOUND

3.2. **Harmonized training and capacity building** of civil protection units (based on UCPM) to improve coordination, interoperability, procedures and self-sufficiency DiMaND

3.3. Support **disaster risk reduction** at regional and local level, raising public awareness

3.4. **Innovation and technology** to support disaster response (VR, drone, IT solutions, mapping) MobilApp

# DM-WG Concept, chairman and members



**5 Dec 2019:** 1st version sent to SG

**18 Dec 2019:** Discussion of document on 16<sup>th</sup> SG Budapest, HU

**20 Dec 2019:** 2nd version and nomination for chairman sent to SG

**3 March 2020:** Final version sent to SG w/ DM-WG nominations

**15 May 2020:** Direct invitation of experts (DL: 26 May 2020)

**18 June 2020:** Live webinar on the topic of just-in-time training

**24 Nov & 2 Dec 2020:** DAREnet – EUSDR PA5 DM WG 2<sup>nd</sup> APF

**24 Feb 2021:** Profound & DiMaND Project Launch Meeting

**28-30 June 2021:** DiMaND Project Management Meeting Dubrovnik

**15-18 Sept 2021:** DAREnet Project Meeting in Budapest-Balatonföldvár

**28-29 Sept 2021:** DAREnet Project Meeting in Zagreb (Rakitje)

**20-21 Oct 2021:** ICPDR 40<sup>th</sup> Meeting Flood Protection EG on-line

**4-5 Nov 2021:** DiMaND Project Meet and Conference in Békéscsaba

# DM-WG Concept, chairman and members



- 20-21 Oct 2021:** ICPDR 40<sup>th</sup> Meeting Flood Protection EG on-line
- 4-5 Nov 2021:** DiMaND Project Meet and Conference, Békéscsaba
- 25 Nov 2022:** TMF workshop
- 17 March 2022:** DAREnet & DiMaND project & DM WG meetings
- 26 April 2022:** EUSDR & ITM workshop at Széchenyi 2020
- 24 June 2022:** DAREnet EoE & DiMaND project at Interschutz
- 31 Aug 2022:** Profound project FSX briefing in Budapest
- 19 Sept 2022:** CTIF Volunteer Commission in Ljubljana
- 17 Nov 2022:** DAREnet & Profound – EUSDR PA5 DM WG  
Safety4TMF & InDiMaND Interreg DRP proposals



## Objectives:

- trigger discussions and activities concerning disaster preparedness and response elements in the management of environmental risks;
- work on the development of recommendations for volunteer organizations involved in disaster response in the Region;
- support this initiative at policy level by developing “*Minimum standards for civil protection organizations and fire and rescue services involved in international or cross-border disaster response in the Danube Region*”;
- identify existing practices and procedures to minimize duplications;



# Way forward

## Framework of Co-operation



### ? Establishment of DM WG

Invitation and integration of members

Organizing first DM WG meeting

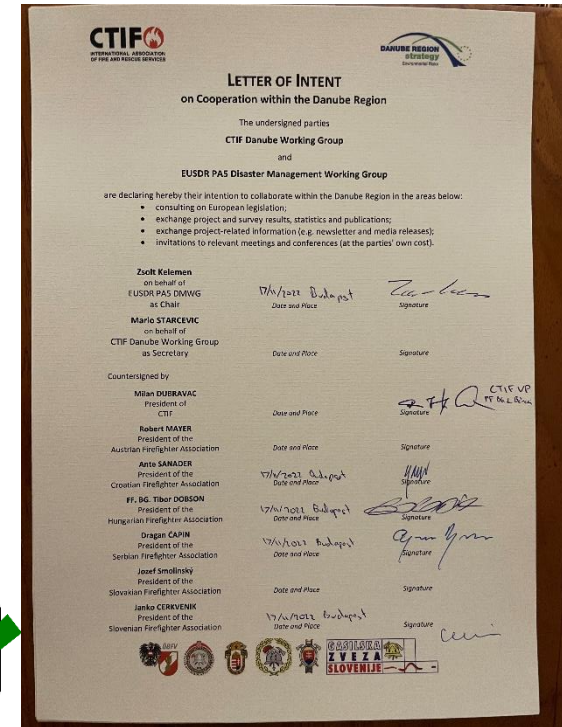
- Defining milestones of the work progress

### ? Development of Rules of Procedures

- Development of RoP based on SG RoP and other existing examples from EUSDR

? Development of Terms of Reference  and Roadmap

? Partnership-building, knowledge-sharing ICPDR, DAREnet, Indima-DiMaND LoI  – CTIF LoI  Sava Region?



# Way forward

## Framework of Co-operation



### ? TMF (Tailings Management Facility)



Concept



Pillars and Horizontal Dimension

- Potential Partners

### ? Refugee Crisis

- Experiences and Good Practices in Hungary and Romania

- Gaps Identified

- Potential Regional Cooperation in Humanitarian Response

? DARescue organisation: [www.darescue.eu](http://www.darescue.eu) [www.darescue.net](http://www.darescue.net)



## The Quality Assurance Cycle

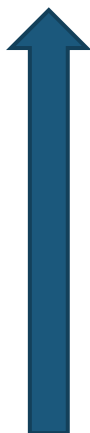
Fire Prevention



Firefighting



Fire Investigation



Training & Exercising



Interventions



Revision / ICT and R&D  
(MobilApp, eLearning, hybrid trailers)



# Our Philosophy



## Training of Trainers / Commanding of Commanders

Training materials and methods:  
collected, harmonised & developed

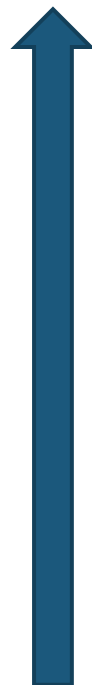
Exercising (incl. ExCon):  
individually, locally & up



Interventions (incl. Supervision)  
by trained commanders and crews



Revision / ICT and R&D



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International Level



Regional Level



National Level



County Level



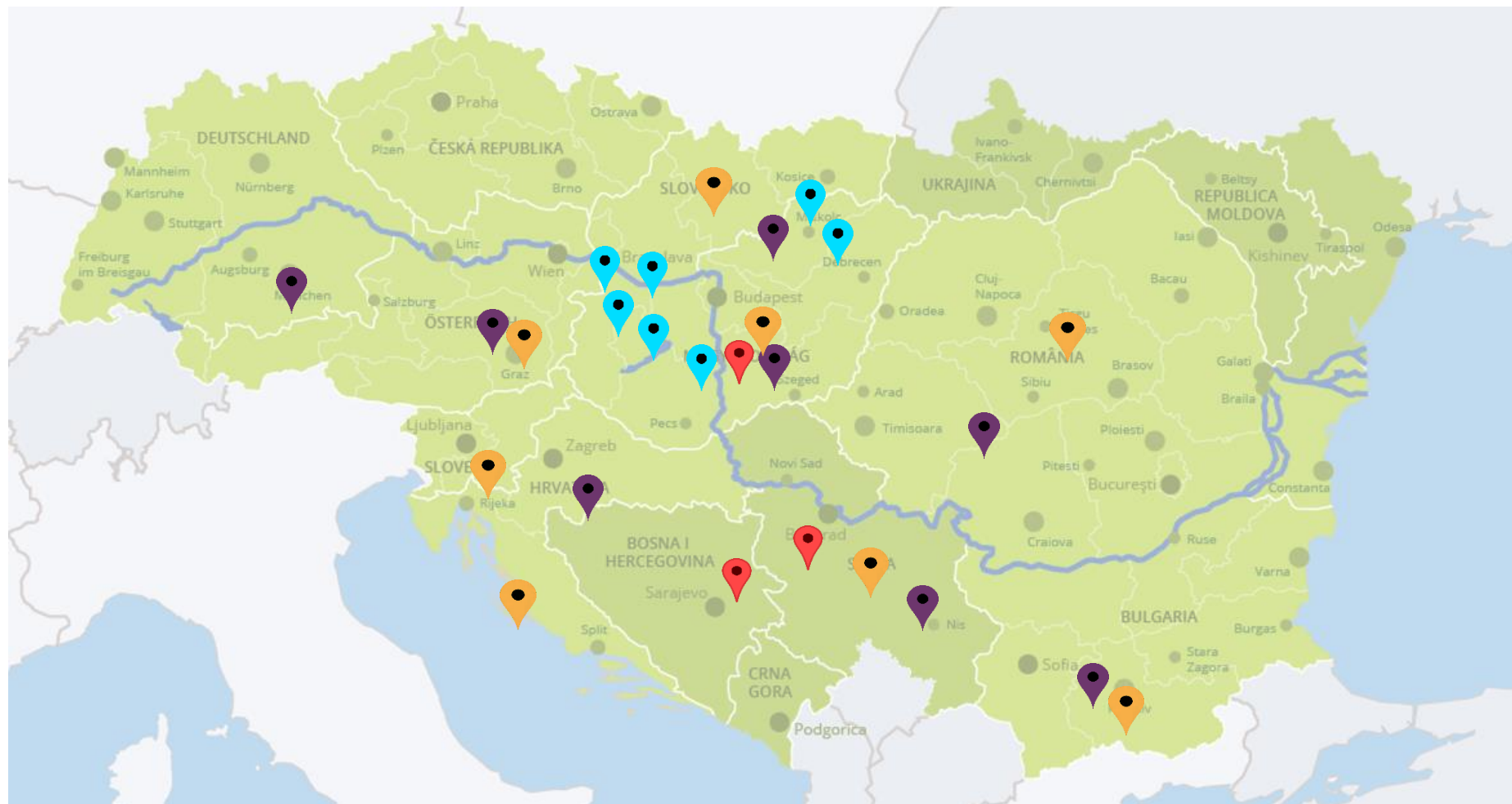
District Level



Local Level

# DM WG PROJECTS

## Where?

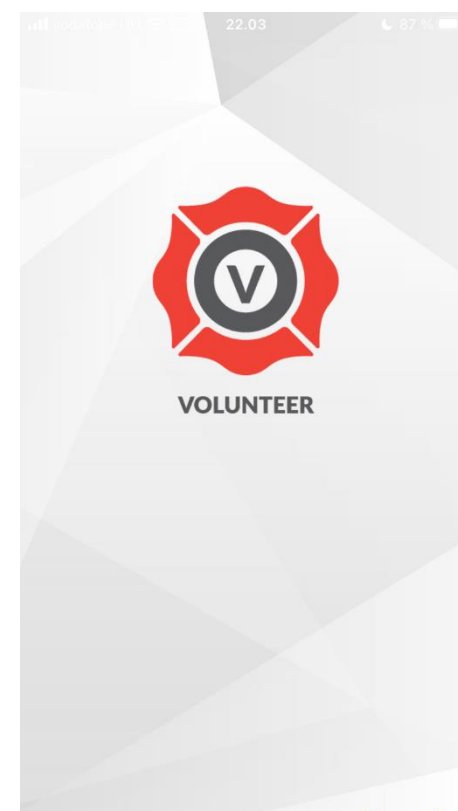




## Volunteer Event Manager is a mobile application and related web application to

- create and publish events
- manage participants
- manage capabilities
- manage notifications

Currently available in English,  
Hungarian, Romanian and Slovakian





## The application handles:

- Different types of events  
like mission, training and conference
- Organizations in fixed hierarchy  
following the chain of command
- Predefined capabilities  
both personal and organizational

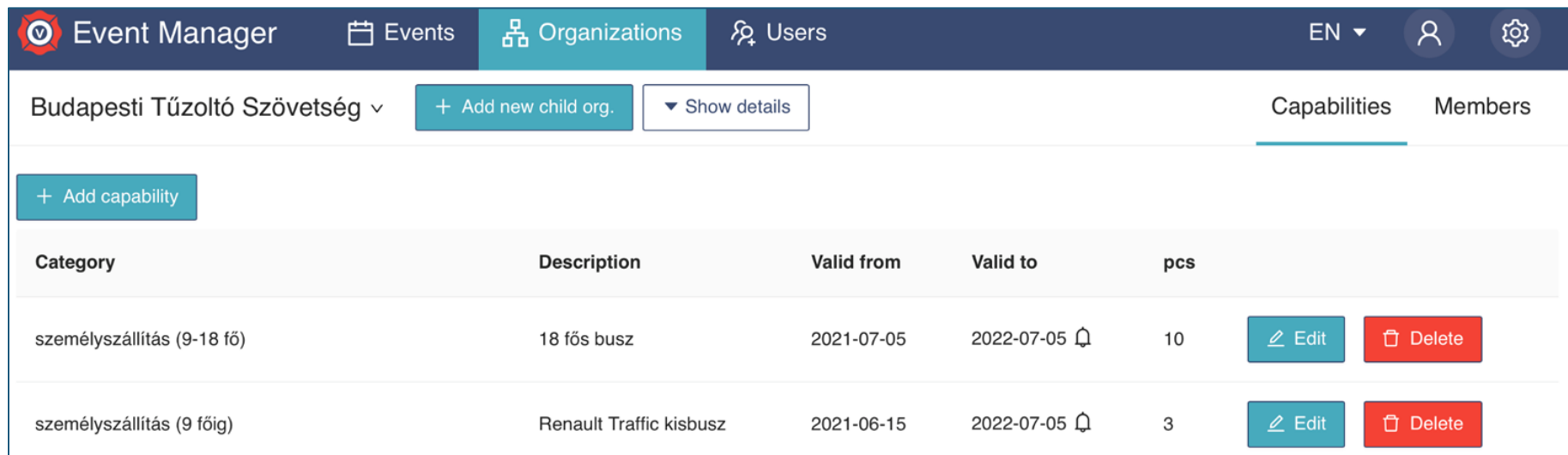
Budapesti Tűzoltó Szövetség 🔍

- ▼ Kárpát-medence
  - ▼ Magyar Tűzoltó Szövetség
    - ▼ Budapesti Tűzoltó Szövetség
      - Inkvizítor
      - Budapest ÖTE
      - > MAGOR Egyesület
    - Román Tűzoltó Szövetség
    - Szlovák Tűzoltó Szövetség



## In the web application

## Administrator manages members and capabilities



The screenshot shows a web application interface for managing organizations. The top navigation bar includes 'Event Manager', 'Events', 'Organizations' (selected), and 'Users'. The current organization is 'Budapesti Tűzoltó Szövetség'. Below the navigation, there are buttons for '+ Add new child org.' and 'Show details'. The main content area is divided into 'Capabilities' and 'Members' tabs, with 'Capabilities' selected. A '+ Add capability' button is visible. The table below lists the capabilities:

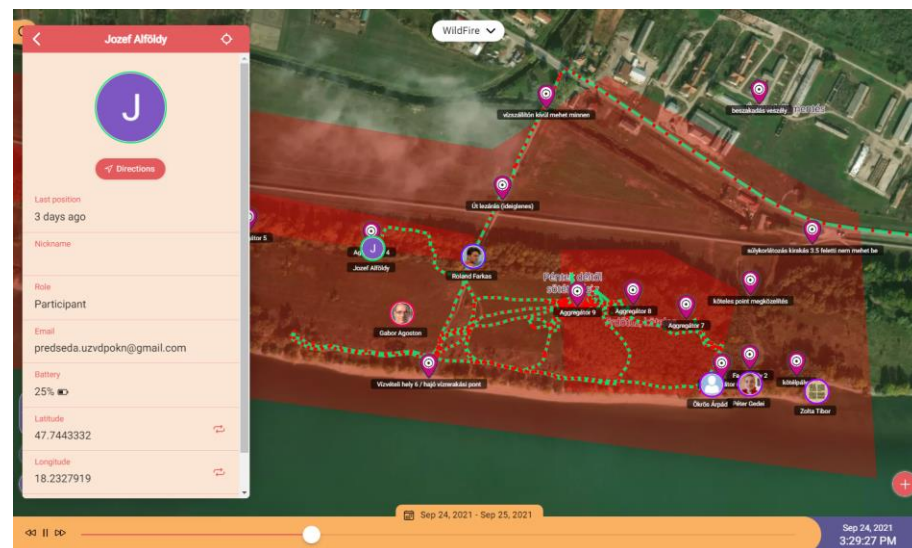
Category	Description	Valid from	Valid to	pcs		
személyszállítás (9-18 fő)	18 fős busz	2021-07-05	2022-07-05 🔔	10	<a href="#">Edit</a>	<a href="#">Delete</a>
személyszállítás (9 főig)	Renault Traffic kisbusz	2021-06-15	2022-07-05 🔔	3	<a href="#">Edit</a>	<a href="#">Delete</a>





## Exercise control (started)

- Scenarios: floods, wildfires, storms
- Target organizations:
  - ❑ governmental and non-governmental
  - ❑ civil protection/fire&rescue + humanitarian / charity
- Method: participant-driven, continuous





## In the web application

Organizer manages events by

- creating and publishing events (sending invites to selected audience);
- accepting/refusing participants and capabilities allocated to their event;
- allocating capabilities to events of others;
- escalating the event to a higher level, if needed.

# DM WG PROJECTS

## What funds?



### HORIZON 2020

- DAREnet
- 
**Funded by the European Union**



### DG ECHO

- DiMaND
- PROFOUND
- 
**Funded by the European Union**



### International Visegrad Fund

- WILDFIREX
- Visegrad Fund



### Western Balkan Green Centre

- PREP-R
- WESTERN BALKANS GREEN CENTER**

### INTERREG SKHU

- RISKHUB
- Interreg Slovakia-Hungary**




### INTERREG DTP

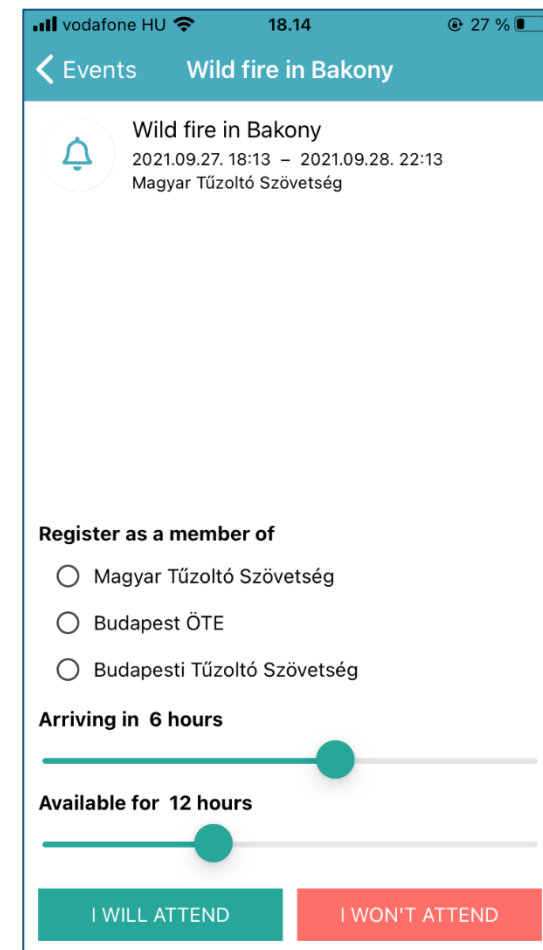
- WACOM
- Interreg Danube Transnational Programme WACOM**




## In the mobile application

### Users/Volunteers:

- Get notification & alerts of events
- Confirm participation with one click
- Define when they can arrive and how long they can be available in case of a mission





## Practice-oriented eLearning platform for firefighters

<https://training.darescue.net/login/index.php>

12 modules currently available in English, Hungarian, Romanian and Serbian: Medic 1 and 2, Work Safety, HNS, International disaster response basic and advanced, Command system for eliminating forest fires and floods Training methods, Small Machinery, Water rescue, Diving, Flood response in practice

# The Future: Hybrid Trailer



## Capability to tackle

- ❑ floods and flashfloods
- ❑ emergency first aid
- ❑ wildfires
- ❑ storms



# DM WG PROJECTS

## What funds?



Projekt ID	Projektcím	Forrás	Pályázat összköltsége	Partner országok és a partnerszervezetek száma
<b>WILDFIREX</b>	Joint preparedness activities for wildfires in <u>Komarom-Komarno region</u>	Nemzetközi Visegrádi Alap	26.980 EUR	Szlovákia (1), Magyarország (1)
<b>PREP-R</b>	Preparedness for climate change related risks in Western Balkan region	Nyugat-Balkán Zöld Központ Nonprofit Kft.	49.301.400 HUF	Bosznia-Hercegovina (1), Szerbia (2), Magyarország (2)
<b>RISKHUB</b>	Reducing Risks by Improving Interoperability between Slovakia and Hungary for Better Preparedness	<u>INTERREG Cross-border Cooperation</u> SKHU	395.129 EUR	Szlovákia (3), Magyarország (4)
<b>PROFOUND</b>	Procedures of Rescue Organizations in Flood Operations Unified in the Danube Region	DG ECHO EU Polgári Védelmi Mechanizmus	631 953.77 EUR	Románia (1), Szlovákia (1), Magyarország (2)
<b><u>DiMaND</u></b>	Disaster Management Network in the Danube Region	DG ECHO EU Polgári Védelmi Mechanizmus	341 608.2 EUR	Bulgária (1), Horvátország (1), Szlovákia (1), Szlovénia (1), Románia (1), Magyarország (2)

## REGIONAL NETWORK

DiMaND

DAREnet

### PREPAREDNESS

### RESPOND

WACOM PROFFOUND

PREP-I. RISKHUB

WILDFIREX

TRAIN

EXERCISE

CAPACITIES

PROCEDURES



# DM WG PROJECTS

## What type?



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

**WILDFIREX**  
(SK-HU)

**RISKHUB**  
(SK-HU)  
**PREP-R**  
(Western-  
Balkan)  
**PREP-R II**  
Intereg DTP

**TAILING  
MANAGEMENT**  
(SAFETY4TMF)



Thank you for your attention!

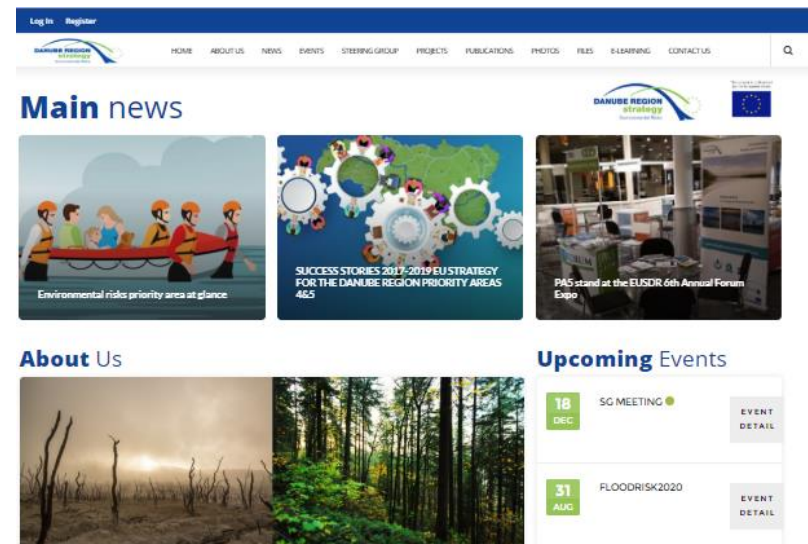


DARescue organisation:

[www.darescue.eu](http://www.darescue.eu)

[www.darescue.net](http://www.darescue.net)

[kelemenzs@t-email.hu](mailto:kelemenzs@t-email.hu)



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

