



UCPM-2025-KAPP-PVPP



Co-funded by  
the European Union

# BEAVER

Bridging prEvention And preparedness in  
ciVil protection with adaptation through  
inclusivE proximity Resilience actions

## OBJECTIVE

Enhancing **local preparedness** by integrating small-scale, **community-based adaptation** with **Civil Protection** door-to-door outreach to promote **preventive behaviors**, fostering collective stewardship and protecting vulnerable groups.



Total budget: € 954K  
EU Co-fin: € 859K (90%)



24 months  
(1 Apr. 26 – 31 Mar. 28)

# Why?

## The 'last mile' gap

Current CP approaches struggle to bridge the gap between institutions, volunteer networks and local communities.



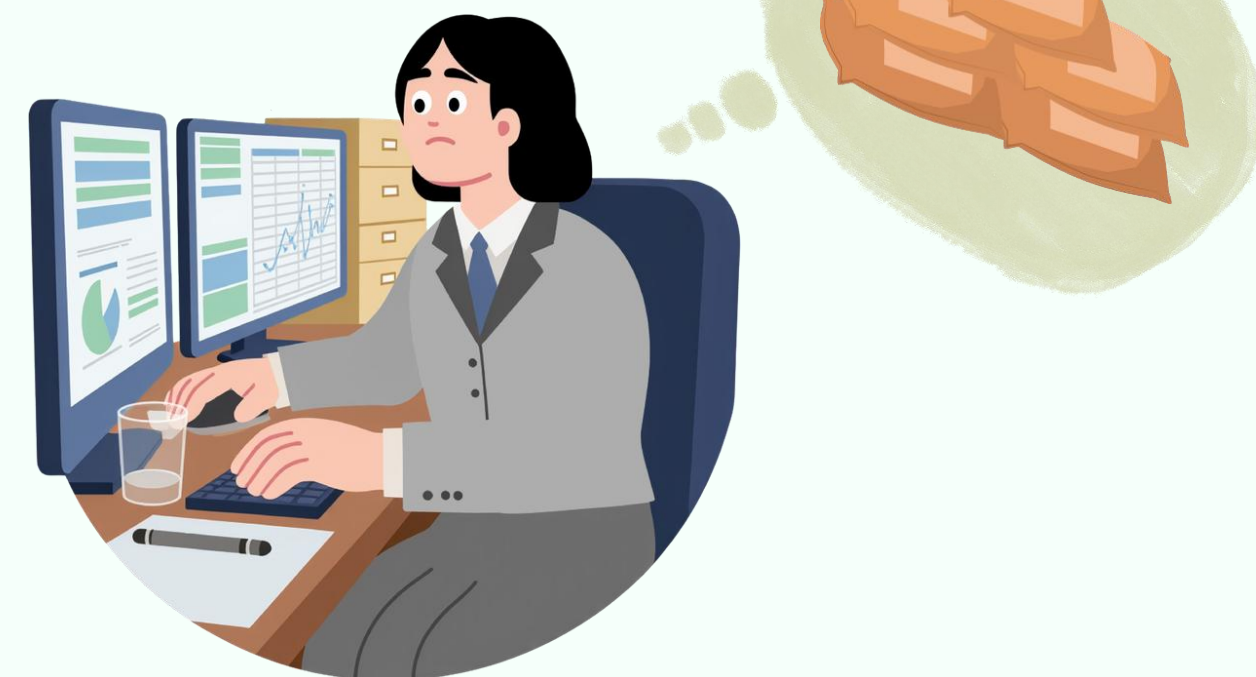
Small-scale adaptation

Correct behaviours in case of emergency



## Centralized Limitations

Traditional CP logistic models are often too centralized to facilitate rapid, place-based responses and community engagement.



## Reactive vs. Proactive

There is a lack of structured door-to-door methodologies deployed during peacetime, limiting long-term awareness and adaptation.

## Our goal

**Empowering local actors to reach vulnerable groups, promoting emergency awareness and small-scale adaptation at household and community levels**



# How?

## Our pilot initiative

The creation of 4 Resilience Proximity Labs (RPLs) in Italy (Vaglia, Montespertoli in Tuscany), Spain (Vilanova I La Geltrù) and Portugal (Oeiras).

## Key Actions within RPLs

- Hands-on **training** and capacity-building for CP volunteers and citizens.
- Transforming spaces into **climate shelters** during extreme weather events.
- Launching "**Community Resilience Purchasing Groups**" for collective investments in adaptation tools.

## What are RPLs?

Modular, scalable, physical hubs blending digital and door-to-door awareness campaigns.



Drawing by Arch. PhD Maria Vittoria Arnetoli

# What?

## TOOLS & METHODOLOGIES



### RPLs Co-creation Framework & Playbook

A practical guide with actionable steps to set up participatory resilience hubs.



### Capacity-Building Resources

Targeted training modules for CP volunteers on climate adaptation, social inclusion and crisis communication.



### Door-to-door Toolkit

Multilingual and accessible materials for volunteers to conduct household risk diagnostics and inform vulnerable groups.

### Scaling of the Cittadino Informato" App

Adaptation of an existing open-source digital tool for accessible, localized early warning and risk communication (from Italy to Spain and Portugal).



# What?

## LEGACY & POLICY IMPACTS



### 4 Pacts of Collaboration

Formal agreements co-designed with CP authorities, local governments and community groups to sustain the RPLs beyond the project.



### Best Practice Catalogue

A structured compilation of community-led CP and adaptation models to inspire cross-border replication.

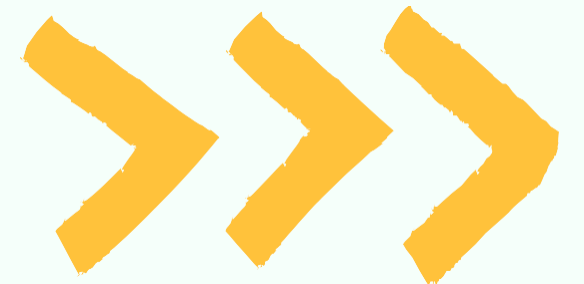
### Policy Recommendations

Guidelines highlighting enablers and barriers to embed innovative, participatory CP approaches into existing institutional systems.



### Dissemination

Transnational learning exchange sessions to foster synergies within the UCPM Knowledge Network.



# When?



## Tentative Dates & Places for Major Events

- Month 2 (May 23<sup>rd</sup> 2026): Project Kick-off Meeting & Project Board Setup – **Vaglia**, Florence, Italy
- Month 6 (September 2026): Transnational RPLs Co-design Workshop – **Vilanova i la Geltrú**, Spain
- Months 8–22: Ongoing Local **RPL Events** (Resilience Festivals, Climate Adaptation Days, Town Halls) – Vaglia (IT), Montespertoli (IT), Vilanova (ES), Oeiras (PT)
- Month 15 (June 2027): **ECCA** in Oslo?
- TBD (Within 24 Months): 2-Day study visit to the Emergency Response Coordination Centre (ERCC) – **Brussels**, Belgium
- Month 24 (March 2028): Final Project Dissemination Event – **Florence**, Italy

# Who?



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Anci Toscana

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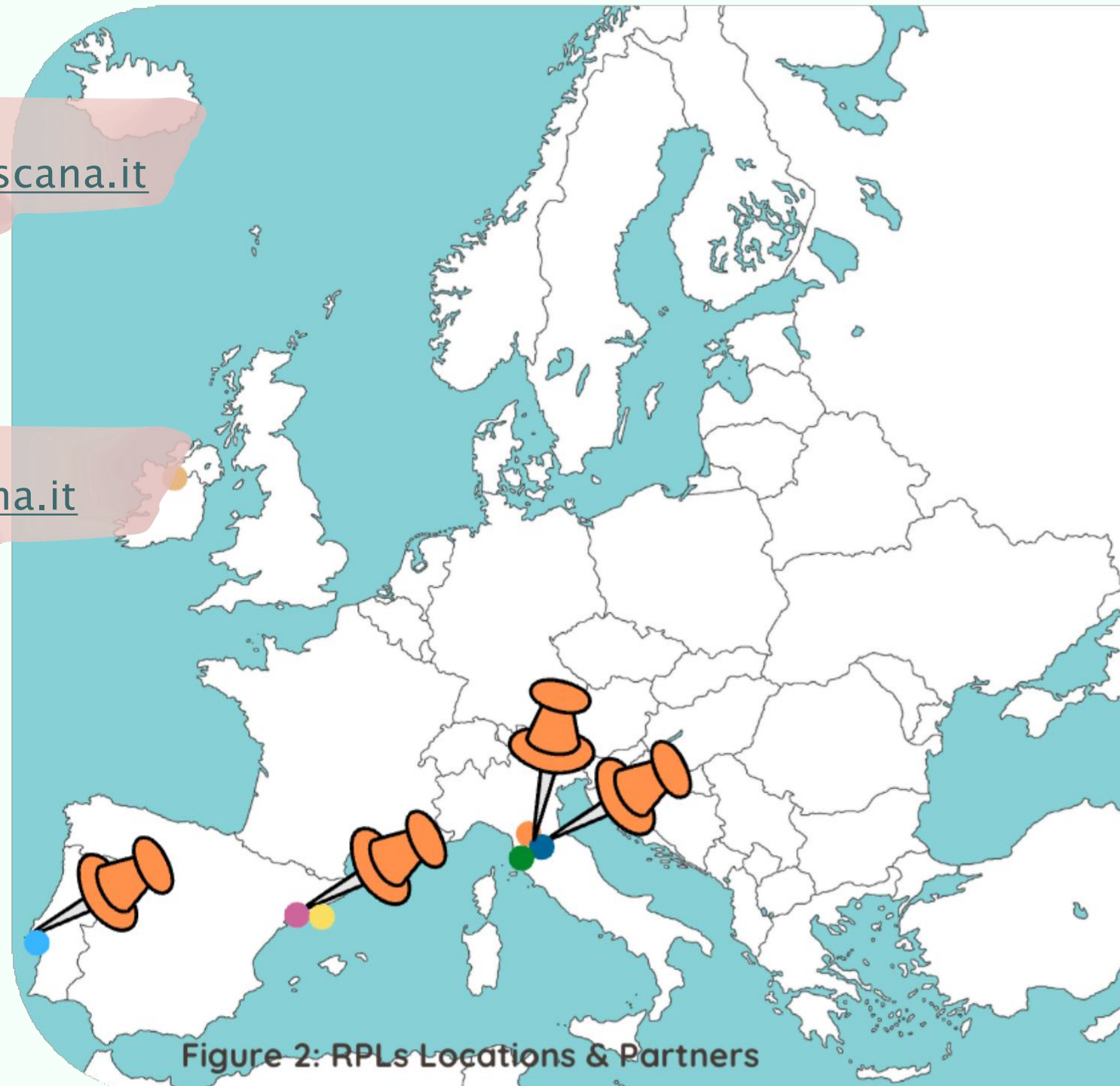
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and a beaver...  
sorry about that!



RPLs: Montespertoli, Vaglia (IT), Oeiras (PT), Vilanova I La Geltrù (SP)

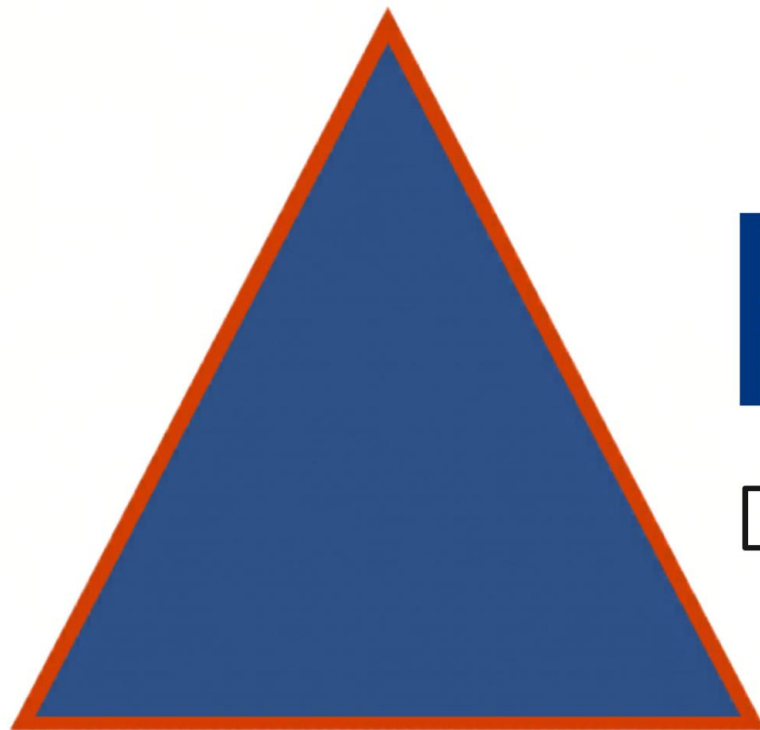
- ANCI Toscana
- Tuscany Region - CP Department
- Progecom
- Oeiras Municipality
- Municipality of Vilanova I La Geltrù
- ENT

Associates:

Municipality of Vaglia  
Municipality of Montespertoli



Thanks for  
your time!



# READY Baltics

Disability Inclusive Preparedness



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EESTI PUUETEGA INIMESTE KODA  
ESTONIAN CHAMBER OF PEOPLE WITH DISABILITIES



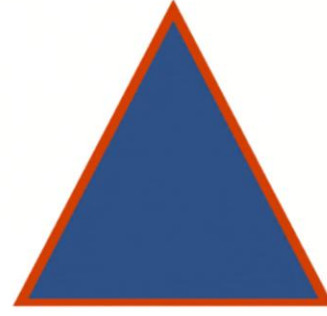
Lietuvos Negalios  
Organizacijų Forumas



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# About READY Baltics

**R**esilience, **E**quity, **A**ccessibility and **D**isabilit**Y** inclusion through prevention and preparedness

Building Resilience through Disability-inclusive Civil Protection and Disaster Risk Management in the Baltic Region





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# Why inclusive preparedness matters

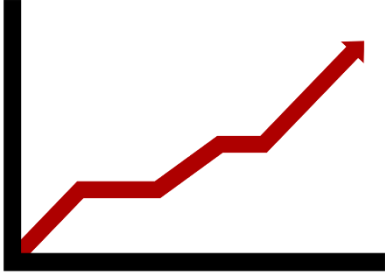
- **Adverse consequences** - Persons with disabilities are among the most affected during crises, facing higher mortality rates, inaccessible early warning systems, and exclusion from emergency planning.
- **Policy not moving to programming** - Despite strong international and European Union (EU) commitments, disability inclusion in preparedness and response remains uneven across Europe.
- **Addressing gaps** - READY BALTICS addresses this gap by turning policy commitments into practical systems, skills, and tools.
- READY Baltics is a regional initiative strengthening disability-inclusive civil protection and disaster risk management in Estonia, Latvia, and Lithuania.
- The project recognises that inclusive preparedness is not a niche issue but rather a foundation for safer, more resilient societies for everyone.



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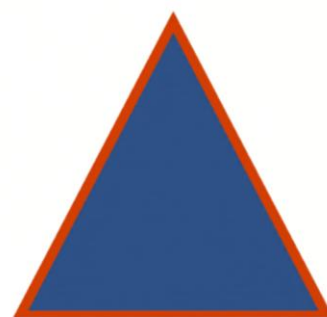


# Beneficiaries (& the Curb Cut Curve Effect)





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# READY – Project in Numbers

## 1. Duration

- 24 months (1 March 2026 – 28 February 2028)

## 2. Requested EU contribution

- €889,741.11

## 3. Total estimated costs

- €988,601.22

## 4. Partners

- 15 in total





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# Who is who?

## Organisations of Persons with Disabilities (OPDs)

1. European Disability Forum (coordinator)
2. The Estonian Chamber of People with Disabilities (EPIK)
3. The Latvian Umbrella Body for Disability Organisations (SUSTENTO)
4. Lithuanian Disability Organizations Forum (LNF)

## Rescue boards in the region

5. Estonian Rescue Board
6. Latvian Rescue Board
7. Lithuanian Rescue Board

## Civil Protection authorities and supportive cooperation bodies

8. Lithuanian Red Cross Society
9. The Samaritan Association of Latvia
10. Council of the Baltic Sea States
11. The Nordic Welfare Centre
12. UN Office for Disaster Risk Reduction
13. Union Civil Protection Knowledge Network
14. EU Civil Protection Mechanism (ECPM)
15. EU European Civil Protection and Humanitarian Aid Operations (ECHO)



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# Expected outputs

## 1. OPDs and CP/DRM stakeholders' capacity & advocacy

- **Training on disability inclusive CP/DRM for OPDs** - 15 OPD representatives trained per country.
- **Training tailored for CP/DRM stakeholders on disability inclusion** - 25 policymakers & practitioners trained per country (& other stakeholders (Union Civil Protection Knowledge Network).
- **Training and piloting of Disaster Resilience Scorecard** (with disability inclusion annex) in 3 cities, through workshops and development of inclusive urban resilience action plans.
- **National advocacy campaigns** conducted with decision-makers.

## 2. Awareness & preparedness of persons with disabilities

- **Accessible disaster risk knowledge campaign:** information produced and disseminated widely, and community-level awareness and training activities delivered and minimum 60 local disability organisations 2,000 individuals reached.

### Як користуватись вогнегасником?

#### КРУТО:

1. Перевернути і вдарити ним об землю.
2. Почати лаятись.
3. Не визнавати помилок.
4. Плакати.



#### ПРАВИЛЬНО

**PULL** ✓

**AIM** 🎯

**SQUEEZE** 🖐️

**SWEEP** 🧹



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# Major events

## 2026

- Q2: Kick-off and Scorecard trainings
- Q3: Gap analysis, curricula development & advocacy rollout
- Q4: Trainings for OPD and CP/DRM experts

## 2027

- Individual and OPD preparedness campaign: training, mobilisation and advocacy

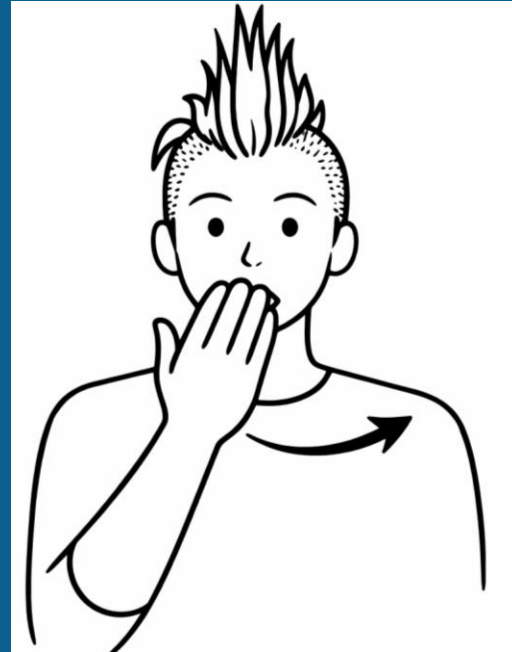


## Spaces

- DG ECHO Partners' Conference/Dialogue (June 2026)
- European Urban Resilience Forum 2026 (TBC) (June 2026)
- Civil Protection Forum & Global Facility for Disaster Reduction and Recovery (Nov 2026)
- European Citizens' Panel on Preparedness, EU Civil Protection Mechanism review, etc.

Suur tänu

Ačiū



Liels paldies

Thank you!

Contact us: [phillipa dot tucker at edf-feph.org](mailto:phillipa@edf-feph.org)



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# Prepare to Shelter

## Strengthening Preparedness and Community Awareness for Natural Disaster Sheltering

Maria Luísa Sousa | LNEC

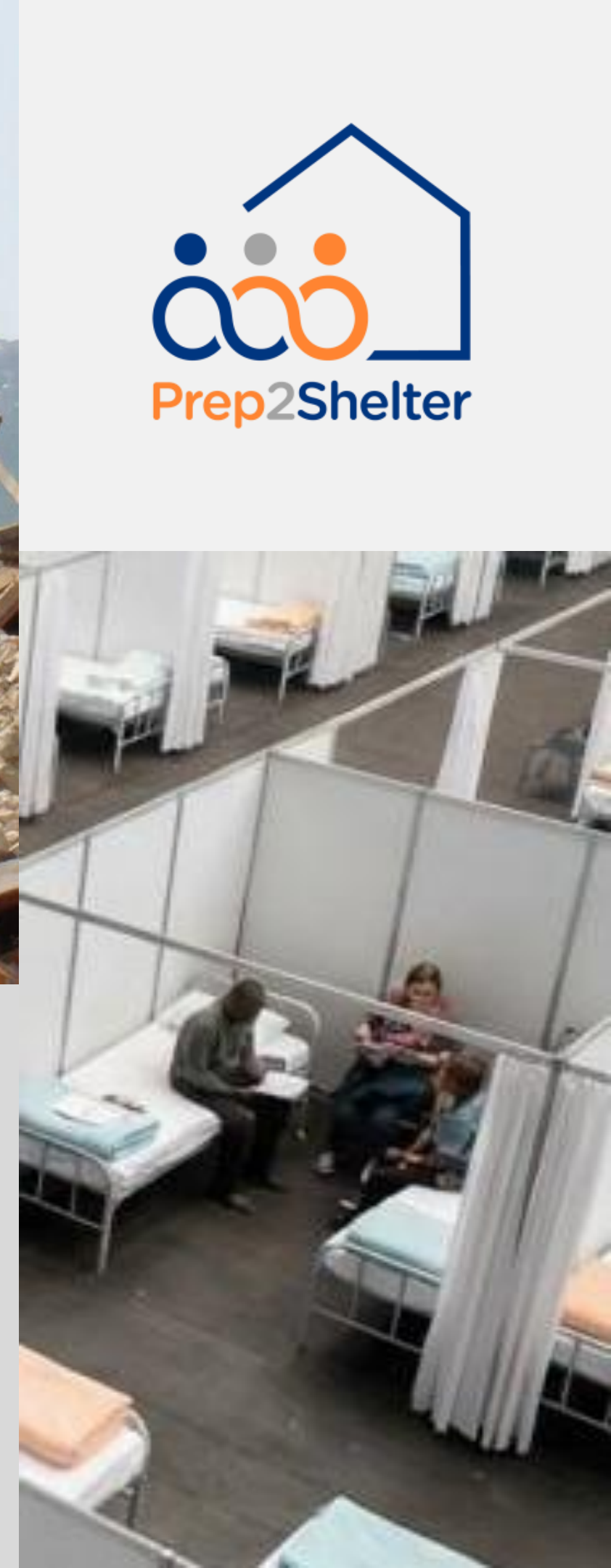
UCPM-2025-KAPP-PVPP Kick-off meeting  
Brussels, 16 April 2026



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Grant Agreement no. 101253403  
Prep2Shelter UCPM-2025-KAPP-PVPP

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### **Duration**

03/2026 – 02/2028



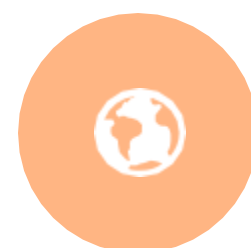
### **Total eligible costs**

1 088 599,74



### **EU funding**

979 737,00



### **5 Beneficiaries**

LNEC , Portugal | NTUA, Greece | EERC, Iceland |  
INGV, Italy | SPI, Portugal



# Consortium Partners

## **LNEC | Portugal**

National Laboratory for Civil Engineering

## **NTUA | Greece**

National Technical University of Athens

## **EERC | Iceland**

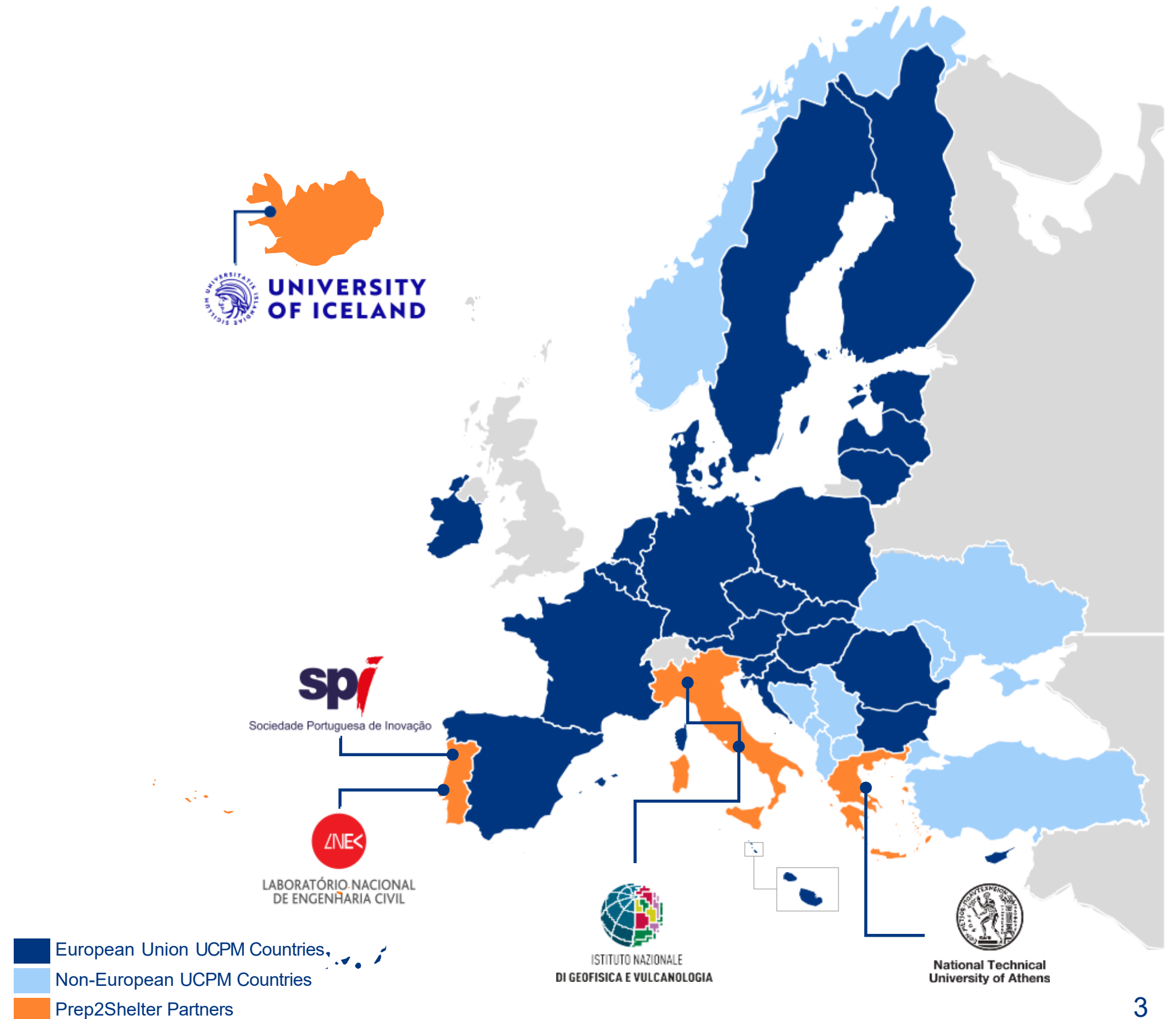
Earthquake Engineering Research Centre of the University of Iceland

## **INGV | Italy**

National Institute of Geophysics and Volcanology

## **SPI | Portugal**

Sociedade Portuguesa de Inovação



# Objectives and approach

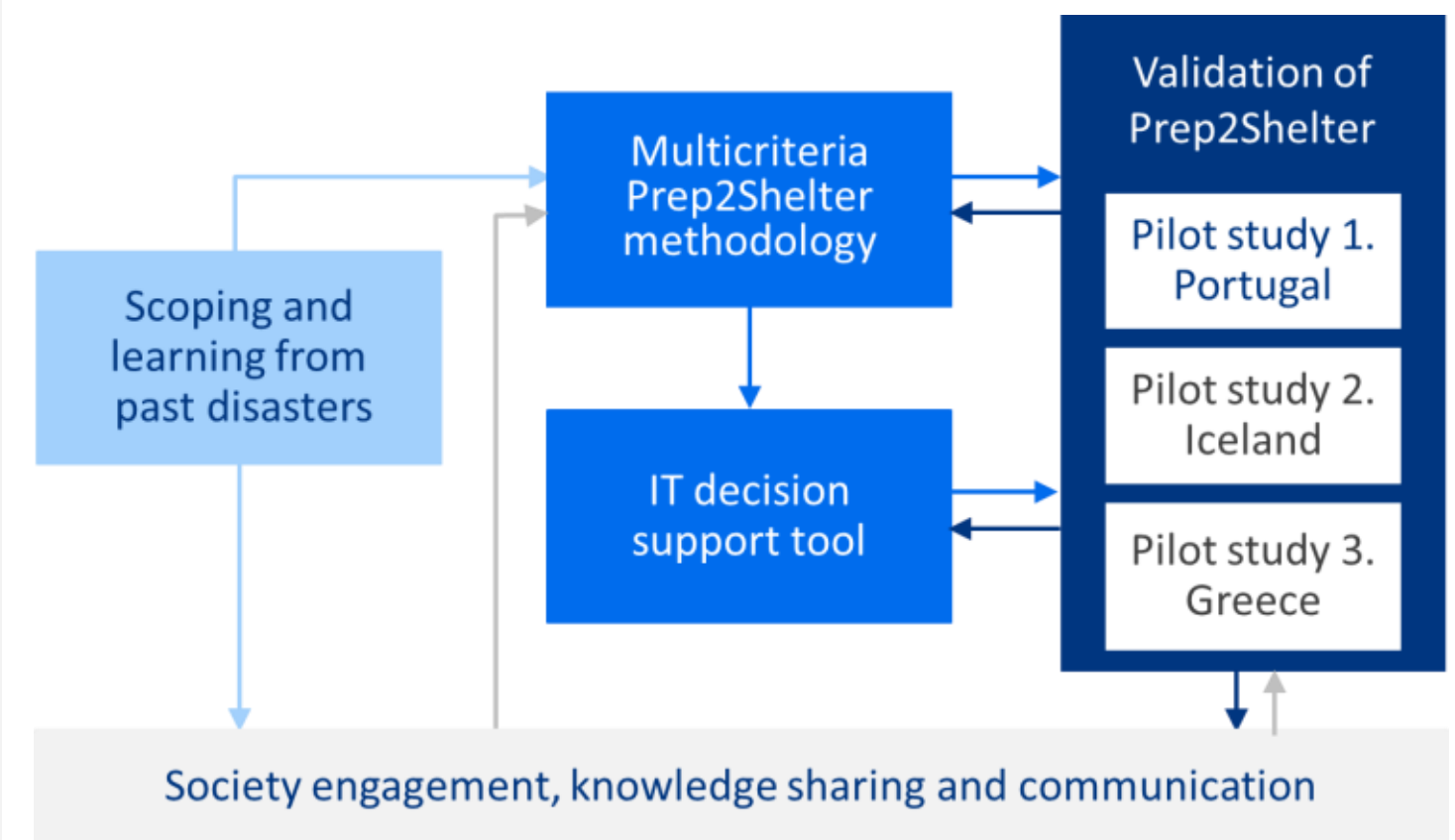
**Drive** anticipatory planning for emergency shelters

**Develop** a Multi-Criteria (MC) methodology and decision-support tool to anticipate:

- severe disaster scenarios
- the selection of pre-existing facilities (schools, sport-halls – collective centres) to serve as shelters in case of disaster
- shelter needs, including consideration of vulnerabilities and psychosocial aspects

**Foster** collaboration among scientists, DRM institutions, and civil protection authorities across and beyond consortium countries

**Prep2Shelter** is organised in **three stages**:



# Why is Prep2Shelter needed?

- ❑ **Ensure** high-quality sheltering through multi-criteria planning and **preparedness**
- ❑ **Enable** knowledge- and evidence-based decisions aligned with the UDRGs
- ❑ **Address** key gaps in current practices (Consortium countries):
  - Regular structural assessments of potential shelter facilities
  - Scenario-based data availability
  - People-centred planning
  - Adaptive response capacity
  - Timely shelter activation
  - Unbalanced local preparedness capacities



# Expected outputs - UDRG oriented

## **ANTICIPATE**

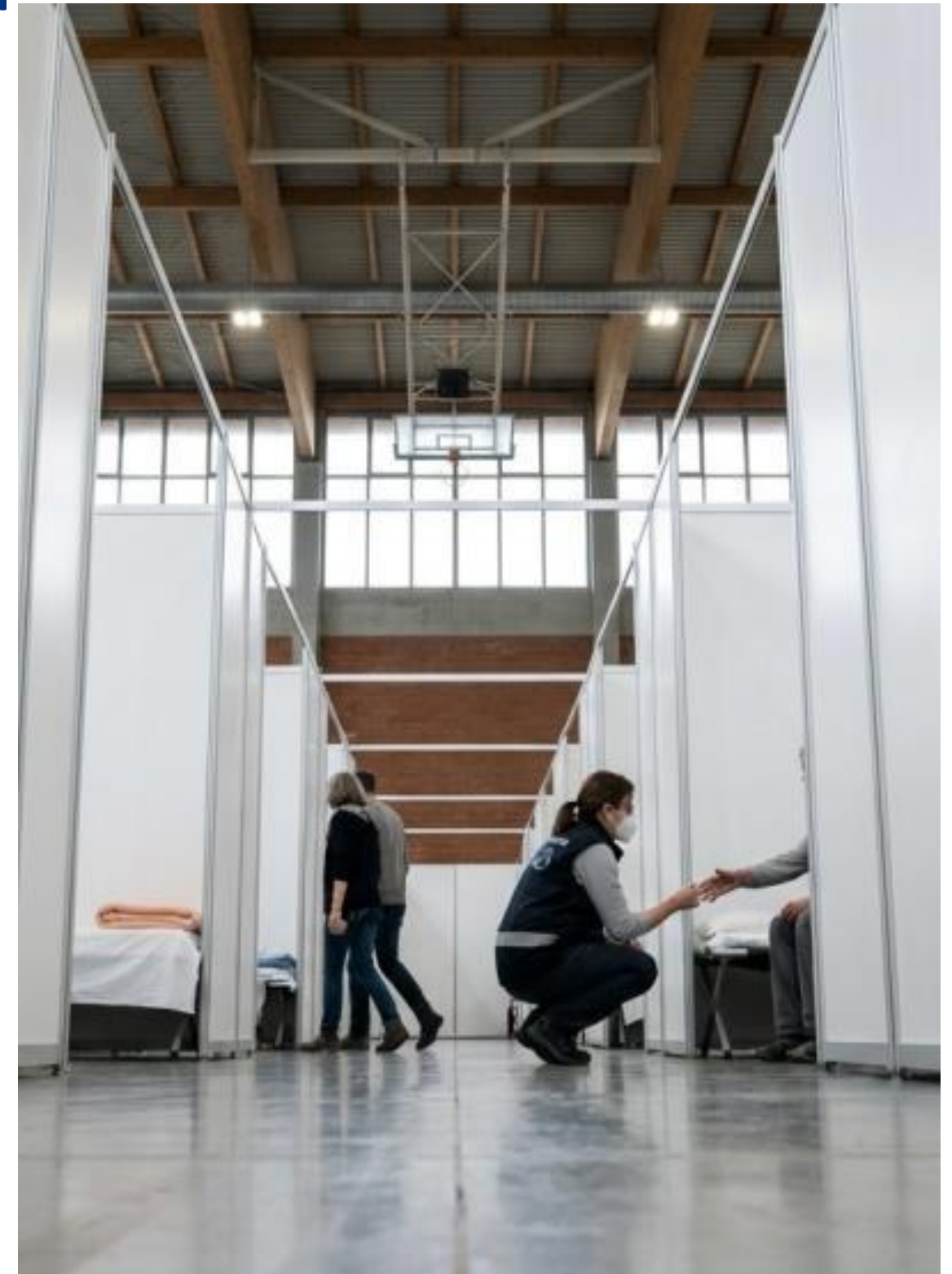
- Turn past disasters into actionable knowledge
- Build ex-ante multi-hazard-risk scenarios
- Anticipate shelter demand for capacity evaluation

## **PREPARE**

- Strengthen disaster risk awareness (communication tools)
- Establish a DRM stakeholders' network & strengthen knowledge partnerships
- Engage DRM stakeholders in co-developing the MC methodology

## **SECURE**

- Develop a flexible MC methodology for shelter planning and selection
- Operationalise the MC methodology (IT tool + manual)
- Build capacity through hands-on training in the MC methodology



# Project workshops

## Workshop 1 | Multi-Stakeholder Knowledge Exchange

28 Sep – 2 Oct 2026 | Athens & Larisa (Thessaly region)

- **Strengthen** coordination with the national Civil Protection
- **Launch** a DRM stakeholder network for knowledge exchange
- **Share and refine** shelter objectives for the MC methodology with DRM stakeholders
- **Contribute** to shelter data collection from past disasters (2021 earthquake, 2023 flood)



## Workshop 2 | Multi-Stakeholder Knowledge Exchange

April 2027 | Lisbon

- **Strengthen** coordination with the national Civil Protection
- **Reinforce** collaboration among DRM practitioners
- **Expand and enhance** knowledge exchange across the DRM stakeholder network
- **Collect feedback** on the MC methodology





**Thank you for  
your attention**



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Grant Agreement no. 101253403  
Prep2Shelter – UCPM-2025-KAPP-PVPP

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# UCPM-2025-KAPP PVPP Kick-off

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## **EUMApplus**

Creating Open Access Digital Educational  
Material in Disaster Risk Management  
and Civil Protection

## **Annika Fröwis**

University of Vienna

Brussels, EC DG-ECHO Auditorium  
16 April, 2026, 09:30 – 16:00



This project has received funding from European Union's Union Civil Protection Mechanism (UCPM) Knowledge for Action in Prevention & Preparedness under Grant Agreement N°101252525.

# EUMApplus: 26.01.2026 – 25.01.2028



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## Overview of institutional partners

Partner	Full Partner Name	Project Coordinator	EU contribution
UNIVIE	University of Vienna	Prof. Thomas GLADE	EUR 310 491.61
UBO	Rheinische Friedrich-Wilhelms-Universität Bonn	Prof. Lothar SCHROTT	EUR 117 308.48
SSSA	Scuola Superiore di Studi Universitare e di Perfezionamento S Anna	Prof. Emanuele SOMMARIO	EUR 108 858.26
UT	Universiteit Twente	Prof. Cees VAN WESTEN	EUR 115 690.97
DCU	Dublin City University	Prof. Caroline McMULLAN	EUR 125 178.41
SFC	Székely Family & Co. Nonprofit Korlatolt Felelossegu Tarsasag	Dr. Zoltán SZÉKELY	EUR 105 465.83

**Total EU contribution amount EUR 882 993.56**



UNIVERSITY  
OF TWENTE.



DCU

Ollscoil Chathair  
Bhaile Átha Cliath  
Dublin City University



SFC Nonprofit Ltd.



This project has received funding from European Union's Union Civil Protection Mechanism (UCPM) Knowledge for Action in Prevention & Preparedness under Grant Agreement N°101252525.

# Why EUMApplus?



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„Creating Open Access Digital Educational Material in  
Disaster Risk Management and Civil Protection“

- ✓ **EUMA project (2024 – 2025):** Creating a European Higher Education Network for Master's Programmes in Disaster Risk Management →
- ✓ **Master's programme:** International Disaster Management & Civil Protection
- **Priorities 2 & 4:**
  - Increasing risk awareness and preparedness of the population
  - Ensuring a robust civil protection system by strengthening institutional preparedness and individual capacity
- **Website:** <https://civil-protection-knowledge-network.europa.eu/eumaplus>



# Why EUMApplus?



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„Creating Open Access Digital Educational Material in  
Disaster Risk Management and Civil Protection“

## EUMApplus aims to ...

- Increase **public awareness** and **preparedness** in disaster risk prevention
- Provide **open accessible, expert-based digital learning resources**
- **Consolidate up-to-date knowledge** into a **self-learning framework**
- **Promote inclusion** through **multilingual** and **accessible content**
- Support **harmonisation** of **civil protection standards** across the EU
- **Strengthen a culture of prevention** and resilience



# EUMApplus Events



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- ✓ **EUMApplus Kick-off meeting, Vienna (19 March, 2026)**
- ✓ **KAPP Kick-off, Brussels (16 April, 2026)**
- Multi-Hazard Workshop, Dresden (27-29 April, 2026)
- EGU General Assembly, Vienna (3-8 May, 2026)
- International Congress on Risks, Coimbra (26-29 May, 2026)
- EUMApplus Regular meeting (RM), online: 18 June 2026, 12:30 – 14:30 CEST
- **EUMApplus Mid-term meeting & start of the EUMA MSc, Vienna (5 October 2026)**
- European Civil Protection Forum, Brussels (3-4 November, 2026)
- EUMApplus RMs, online: 17 December 2026; 18 March; 17 June; 7 October 2027
- **EUMApplus Final project meeting, Vienna (2 December 2027)**



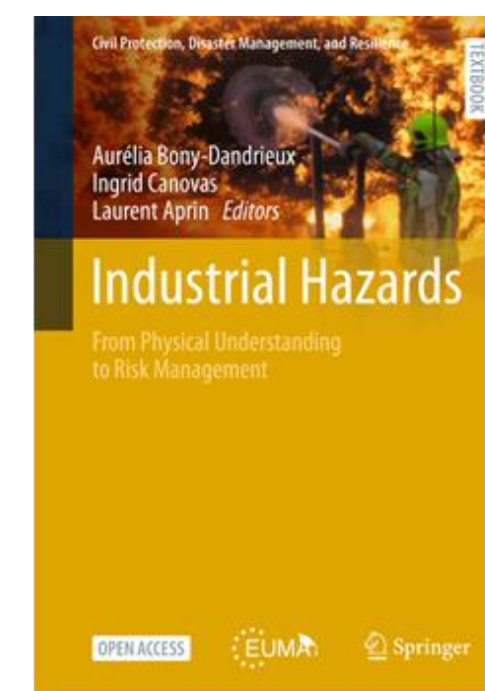
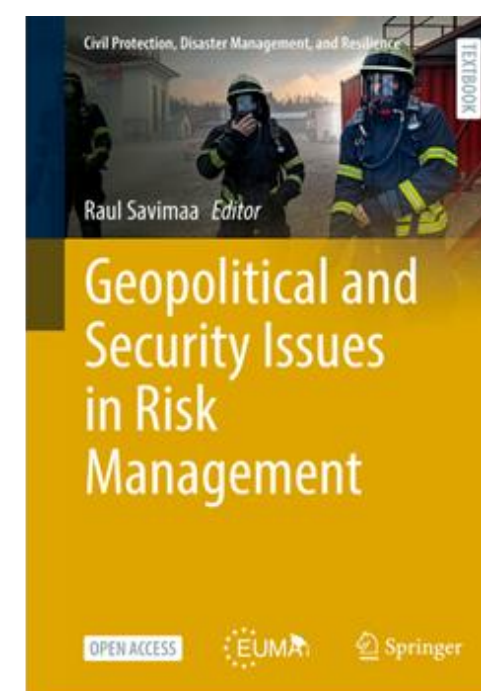
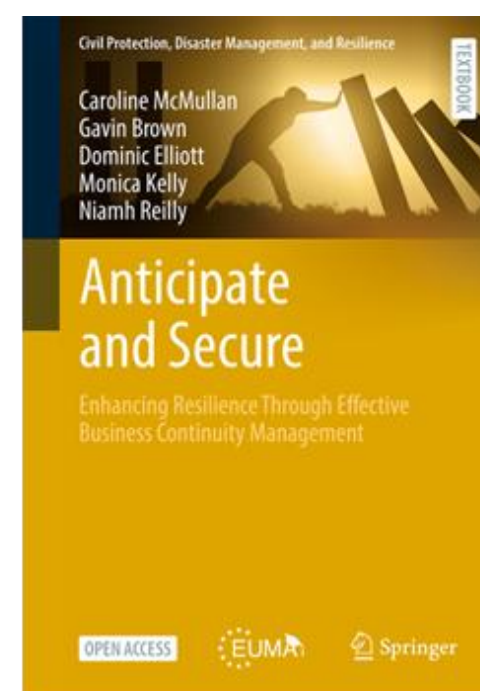
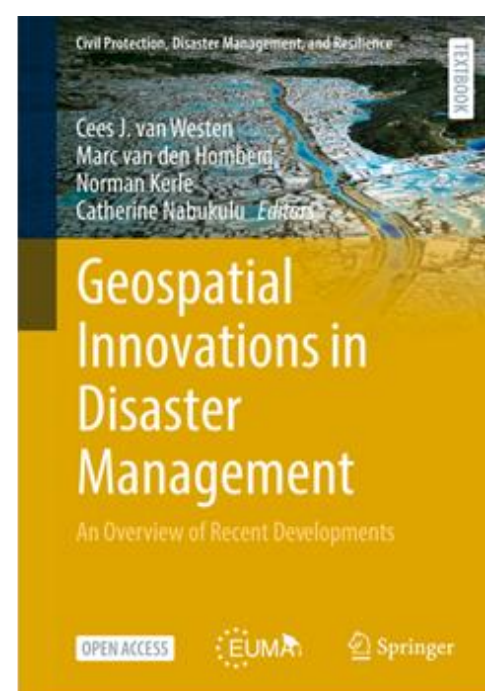
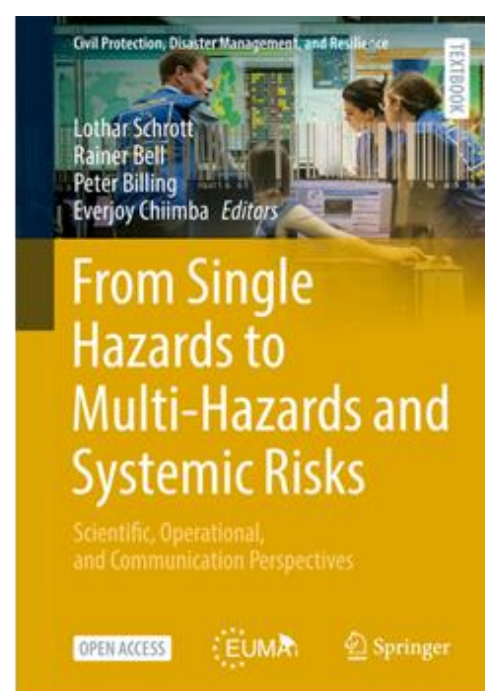
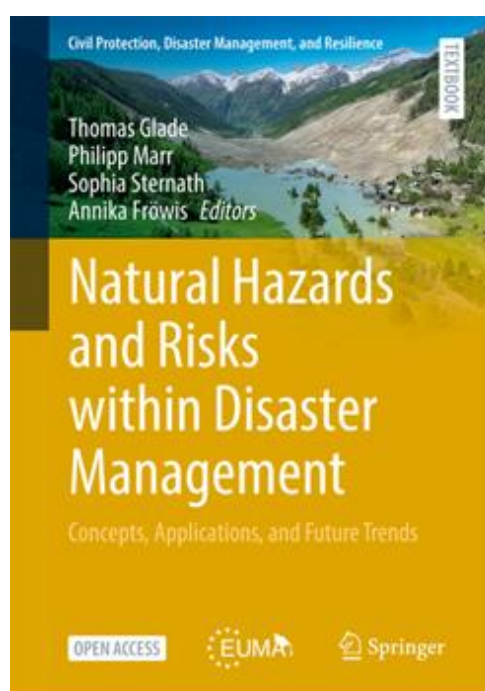
# Expected Outputs



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- A new **MOOC** (Massive Open Online Course) with ~50 videos
- A new **podcast** with ~10 episodes
- 1 **volume** to the newly EUMA established Springer book series „*Civil Protection, Disaster Management, and Resilience*“
- ...





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# Thank You!



WEBSITE



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EUMApus Project



This project has received funding from European Union's Union Civil Protection Mechanism (UCPM) Knowledge for Action in Prevention & Preparedness under Grant Agreement N°101252525.

**KICK-OFF MEETING**  
**16/04/2026**



**Co-funded by  
the European Union**



**Union  
Civil Protection  
Knowledge Network**



***Nadia FRANCAVIGLIA***  
***Assistant Project Manager***  
***PROCULTHER-4ALL***



# PROCULTHER-4ALL: PROJECT OVERVIEW

## Protecting Cultural Heritage from the Consequences of Disasters for All



**PROCULTHER-4ALL**  
PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

**Project number and name: 101253363 — PROCULTHER-4ALL**

**Topic: UCPM-2025-KAPP-PVPP — Prevention and Preparedness Projects**

**Estimated Project Cost: € 1,065,629.42**

**Requested EU contribution: € 959,066.49**

**Project duration: 24 months**





PRO-CULTHER-4ALL  
PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

# PRO-CULTHER-4ALL: PARTNERS OVERVIEW



Co-funded by the  
European Union

## Consortium

- ICPD-Italian Civil Protection Department, **Italy**
- AFAD-Disaster and Emergency Management Presidency, **Türkiye**
- DAI-German Archaeological Institute, **Germany**
- DGSCGC-Direction de la Sécurité Civile et Gestion de Crises, **France**
- FCSVM-Hallgarten-Franchetti Centro Studi Villa Montesca Foundation, **Italy**
- Museums and Monuments of Portugal (MMP), **Portugal**
- Warrant Officers School of the State Fire Service in Kraków (SA PSP Kraków), **Poland**



## Associated Partners

- UNESCO
- Ministère de la Culture-France (MC-Fr), **France**
- Centre de recherche et de Restauration des Musées de France (C2RMF), **France**
- Bouclier bleu de France (BS-FR), **France**
- THW- German Federal Agency for Technical Relief for Germany, **Germany**
- Direcção Geral do Património Cultural, **Portugal**
- General Inspectorate for Emergency Situations (IGSU), **Romania**
- JCyL-Consejería de Cultura y Turismo de la Junta de Castilla y León, **Spain**
- CORILA -Consorzio per il coordinamento delle ricerche inerenti al sistema lagunare di Venezia, **Italy**
- Bursa Provincial Directorate of Disaster and Emergency Management (Bursa-AFAD), **Türkiye**





PROCuLTHeR-4ALL

PROTECTING CULTURAL HERITAGE FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

# PROCuLTHeR-4ALL: PROJECT BACKGROUND



Co-funded by the European Union



(2016-2018)  
€670,000.00



PROCuLTHeR  
PROTECTING CULTURAL HERITAGE FROM THE CONSEQUENCES OF DISASTERS



(2019-2021)  
€599,307.00



PROCuLTHeR-NET  
PROTECTING CULTURAL HERITAGE FROM THE CONSEQUENCES OF DISASTERS - NETWORK



(2022-2023)  
€ 585,423.78



PROCuLTHeR-NET 2  
PROTECTING CULTURAL HERITAGE FROM THE CONSEQUENCES OF DISASTERS - NETWORK



(2024-2025)  
€1,090,524.75



PROCuLTHeR-4ALL

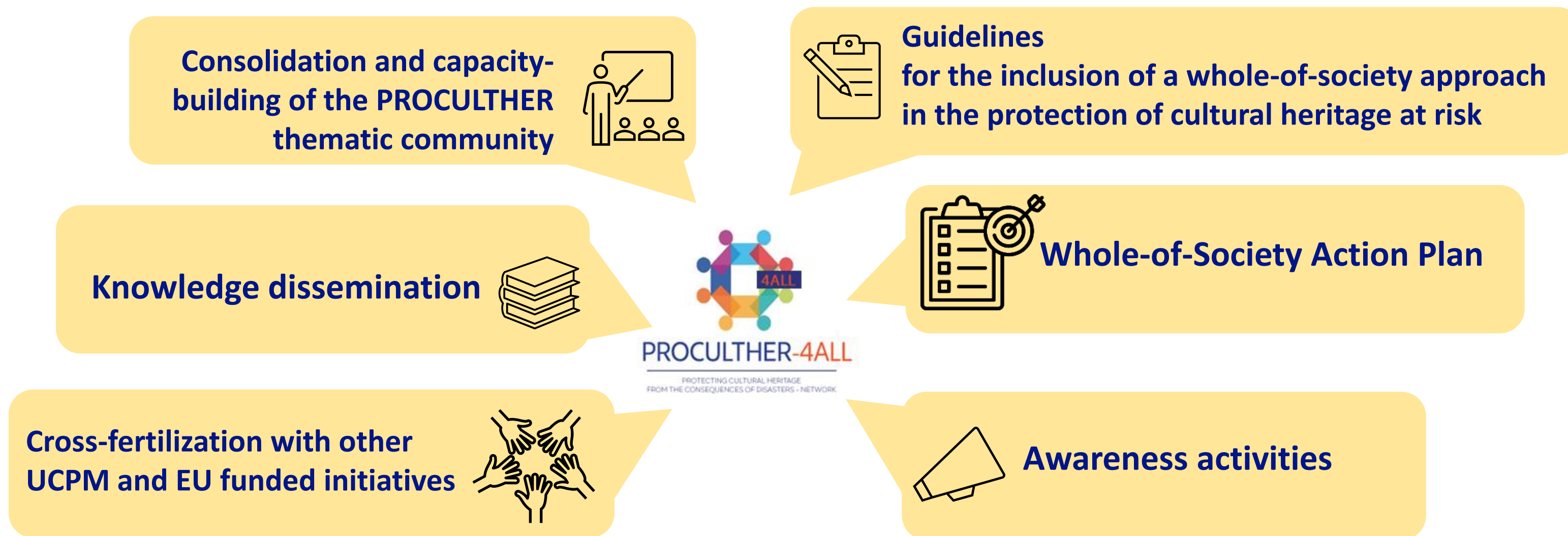
PROTECTING CULTURAL HERITAGE FROM THE CONSEQUENCES OF DISASTERS - NETWORK



(2026-2027)  
€ 1,065,629.42

# PROCULTHER-4ALL: MAIN GOALS

**The PROCULTHER-4ALL initiative: reinforcing a new sector of civil protection with a new perspective**





PROCULTHER-4ALL  
PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

# PROCULTHER-4ALL: MAIN GOALS

## Whole-of-Society approach

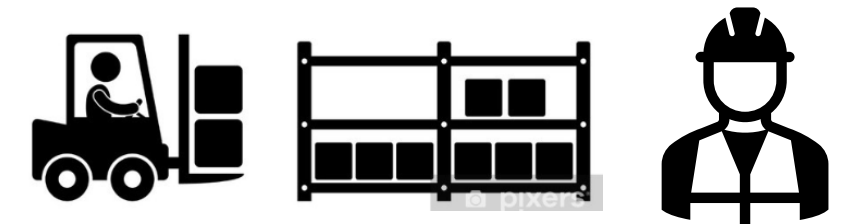
### ALL HAZARDS



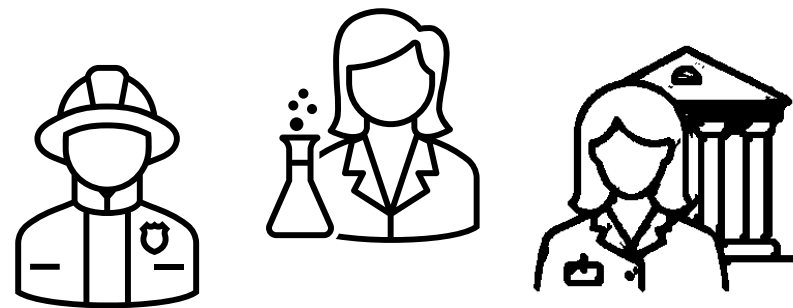
PROTECTION OF CULTURAL HERITAGE AT RISK



### PRIVATE SECTOR



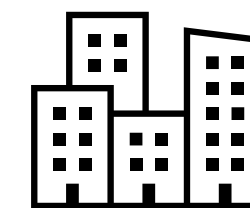
### MULTIPLE STAKEHOLDERS



PROCULTHER-4ALL

PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - NETWORK

### CITIZENS, COMMUNITIES





## Whole-of-Society Action Plan

A practical **roadmap** toward a comprehensive and inclusive approach to cultural heritage protection



- **Operationalize** the principles of multi-hazard risk management, cross-sectoral approaches and climate-adaptive strategies
- **Enable** the systematic **inclusion** of diverse societal actors
- Support the development of new and improved **DRM planning tools** specific for CH
- Ensure alignment with EU preparedness priorities
- Define **multi-risk awareness methodology**



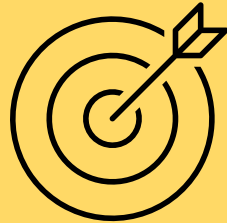
- **Mapping** of relevant private actors and civil society organizations
- Organization of **technical workshops** involving civil protection, DRM Institutions, civil society, private stakeholders, research actors
- **Identification of European Standards** for the engagement of communities in cultural heritage protection
- Contribution to UNDRR “**Making Cities Resilient 2030**” campaign: e.g. Krakow, Venice, Bursa



PROCULTHER-4ALL  
PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

# PROCULTHER-4ALL: EXPECTED OUTCOMES

## Consolidation and capacity-building of the PROCULTHER thematic community



- Strengthen individual capacities for **improved coordination, cooperation, and interoperability within the UCPM**
- Strengthening capacities at both national and European levels, **in coherence with the EU Preparedness Union Strategy**
- Contributing to the testing of **cultural heritage modules within MODEX** and other full-scale exercises conducted at the European level, ensuring the operational validation of developed tools and methodologies.
- **Supporting the integration** of focused training curricula within European training programs (UCPM training portfolio)

## As for 2025



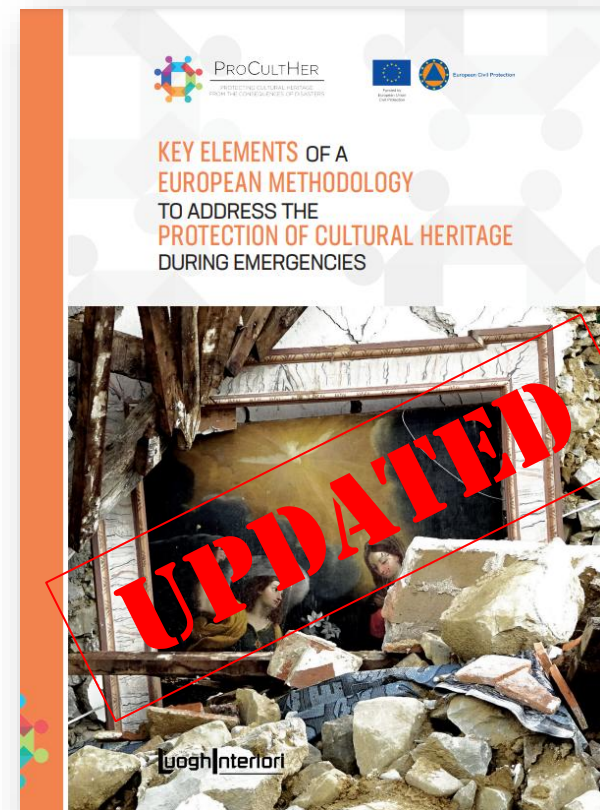
166

Experts trained



75%

UCPM PS



- Defining **training standards** that support a whole-of-society approach
- Adapting and delivering **3 training sessions**, based on lessons learned from past training session under the PROCULTHER initiatives
- Involving the **PROCULTHER community of experts**
- Collecting **feedbacks** from end-users of training sessions, workshops and activities implemented by the project
- Identifying **needs and gaps**





PROCuLThER-4ALL  
PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

# PROCuLThER-4ALL: EXPECTED OUTCOMES

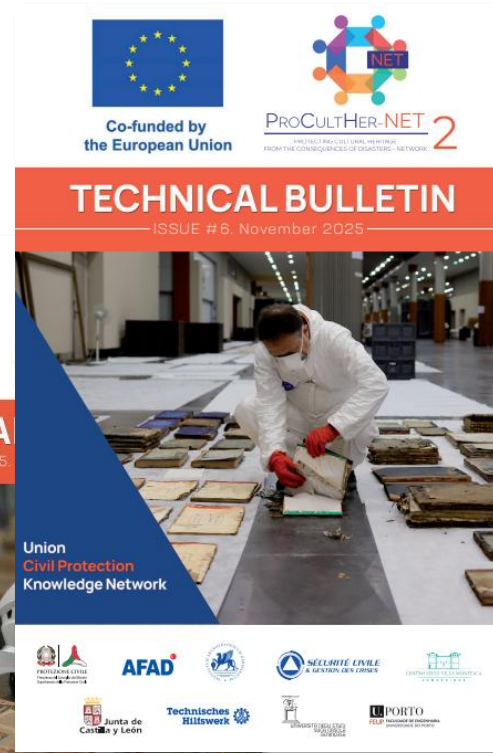
## Knowledge dissemination



PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - NETWORK



PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - NETWORK 2



PROTECTING CULTURAL HERITAGE  
FROM THE CONSEQUENCES OF DISASTERS - FOR ALL

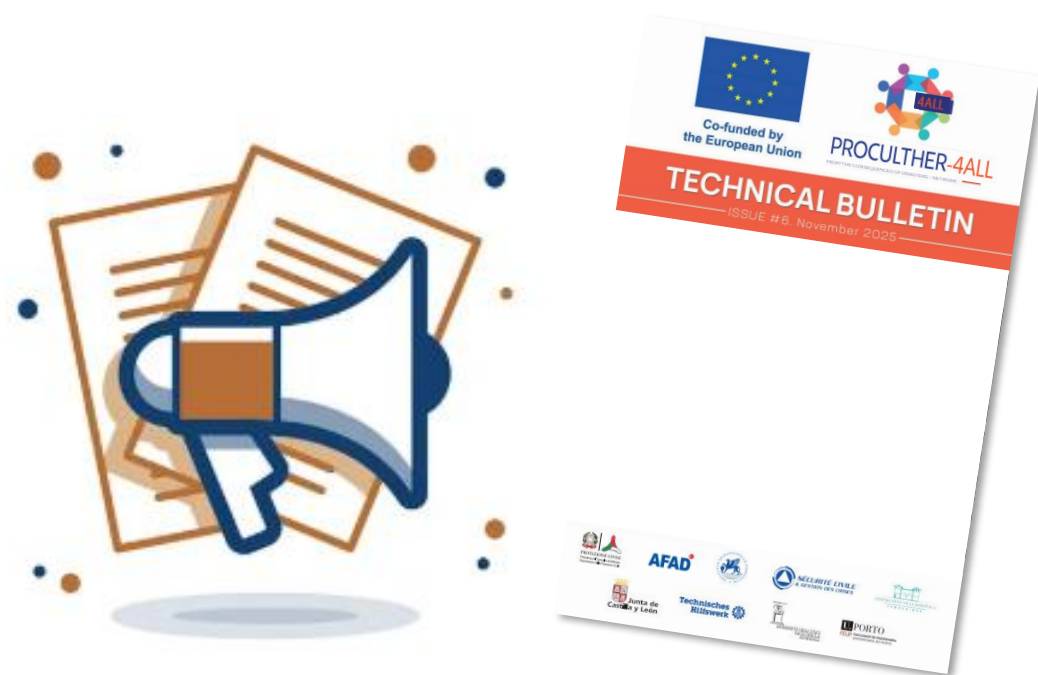


**4 NEW ISSUES**



# PROCULTHER-4ALL: UPCOMING EVENTS

## INITIAL PLANNING MEETING **MAY 2026**



**Technical Bulletins**



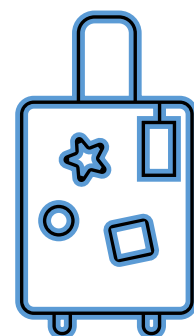
**Technical workshops**



**Trainings**

**FIRST TRAINING SESSION  
 OCTOBER 2026**

**Study visits**



# Stay tuned!



**Seminars,  
 conferences**

# PROCULTHER-4ALL

## Protecting Cultural Heritage from the Consequences of Disasters-for All

*Thank you!*  
*Merci!*  
*Grazie!*  
*Danke!*  
*Obrigada!*  
*Muchas gracias!*  
*Teşekkürler!*  
*Mulțumesc!*  
*Dziękuję!*

[proculther-net@protezionecivile.it](mailto:proculther-net@protezionecivile.it)



Co-funded by  
the European Union

# STRIDE

Strengthening International Civil Protection Preparedness for  
Defence Situations

CONTACT  
[stride@thw.de](mailto:stride@thw.de)

**STRIDE**



Co-funded by  
the European Union

## What – Project Data

- **Duration:** 03/2026 – 02/2028
- **Total Budget:** 893.801,94 €
- **EU Funding:** 90 %
- **Consortium:**
  - German Federal Agency for Technical Relief (coordinator)
  - Estonian Rescue Services Agency
  - Federal Office of Civil Protection and Disaster Assistance (DE)
  - Ministry of Internal Affairs (RO)
  - Ministry of the Interior (FI)
- **Associated Partner:**
  - State Emergency Service of Ukraine

**German Federal Agency  
for Technical Relief** 

**PÄÄSTEAMET**  
Estonian Rescue Services Agency

 **BBK** Federal Office  
of Civil Protection and  
Disaster Assistance

 Ministry of the Interior  
Finland



## What – Project Aim

- **Facilitate knowledge sharing & development** at organisational and systemic levels to address the **consequences of armed conflict for civil protection authorities**.
- **Support** civil protection actors in strengthening their **preparedness for defence-related situations** by integrating lessons learned into existing structures and practices at organisational & individual levels.

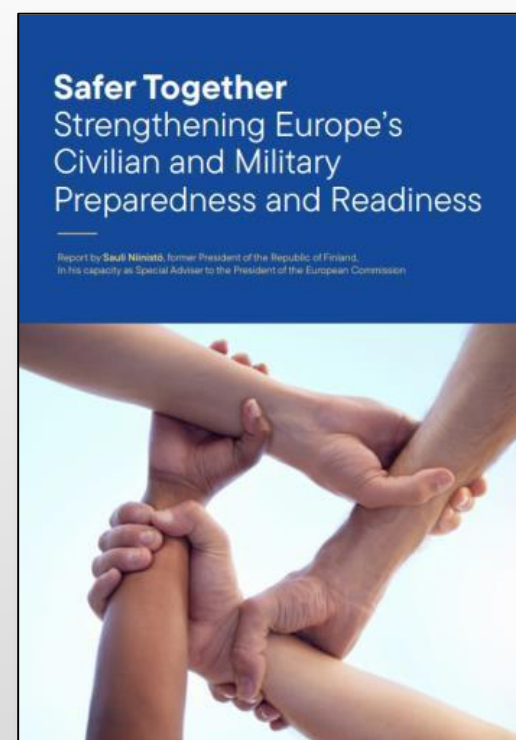
**Corresponding to:**

- **KAPP 2025 Priority 4:** Ensuring a robust civil protection system by strengthening institutional preparedness & individual capacity
- **EU DRG No. 5.3:** Improving cross-border coordination capability

## Why – Relevance

- Civil protection actors are faced with the need to improve preparedness strategies for a wide range of risks, including those arising from **climate-related disasters**, as well as **escalating conflicts** and **security threats**.

*„the EU and its Member States are not yet fully prepared for the most severe cross-sectoral or multidimensional crisis scenarios”*



[Niinistö Report](#)

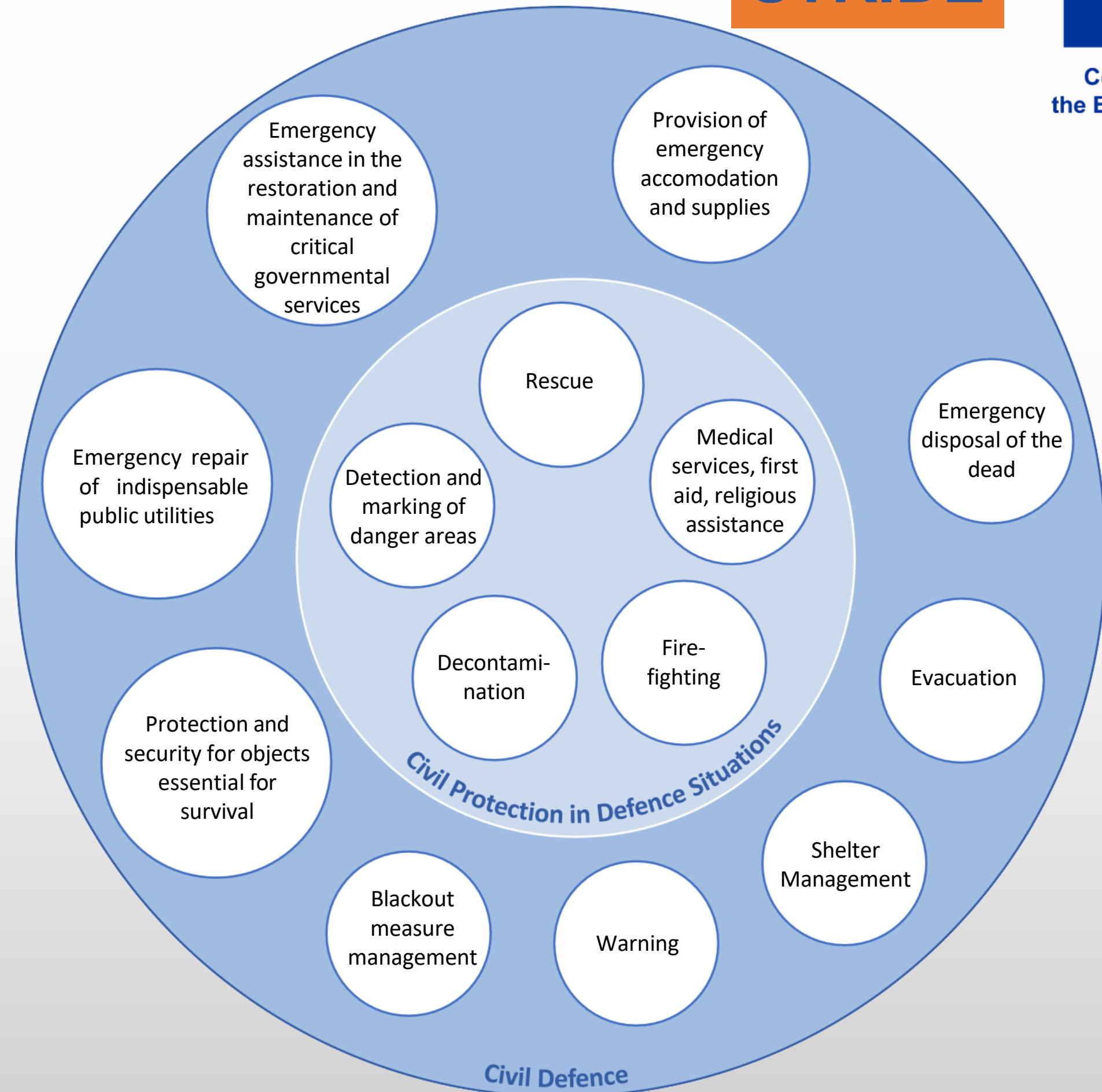


[Preparedness Union Strategy](#)

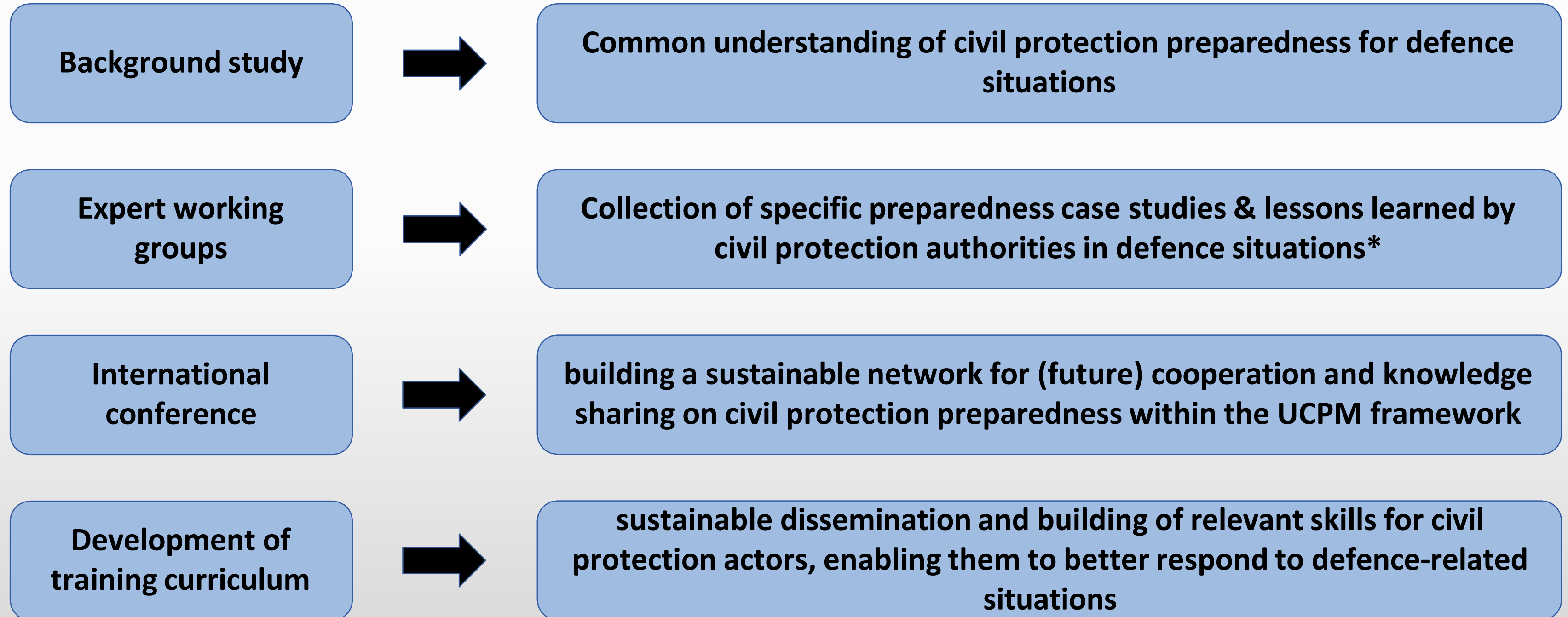
*„We must prepare for large-scale, cross-sectoral incidents and crises, including the possibility of armed aggression, affecting one or more Member States.”*

## How – Conceptual Idea

- Common understanding of **civil protection in defence situations**
- Based on art. 61 (Civil Defence) of the additional protocol to the **Geneva Conventions**
- Framework for the **background study** complemented with national concepts, NATO BLR, RfAs from UKR, etc.



## How – Activities and Outcomes



\* UKR is an associated partner

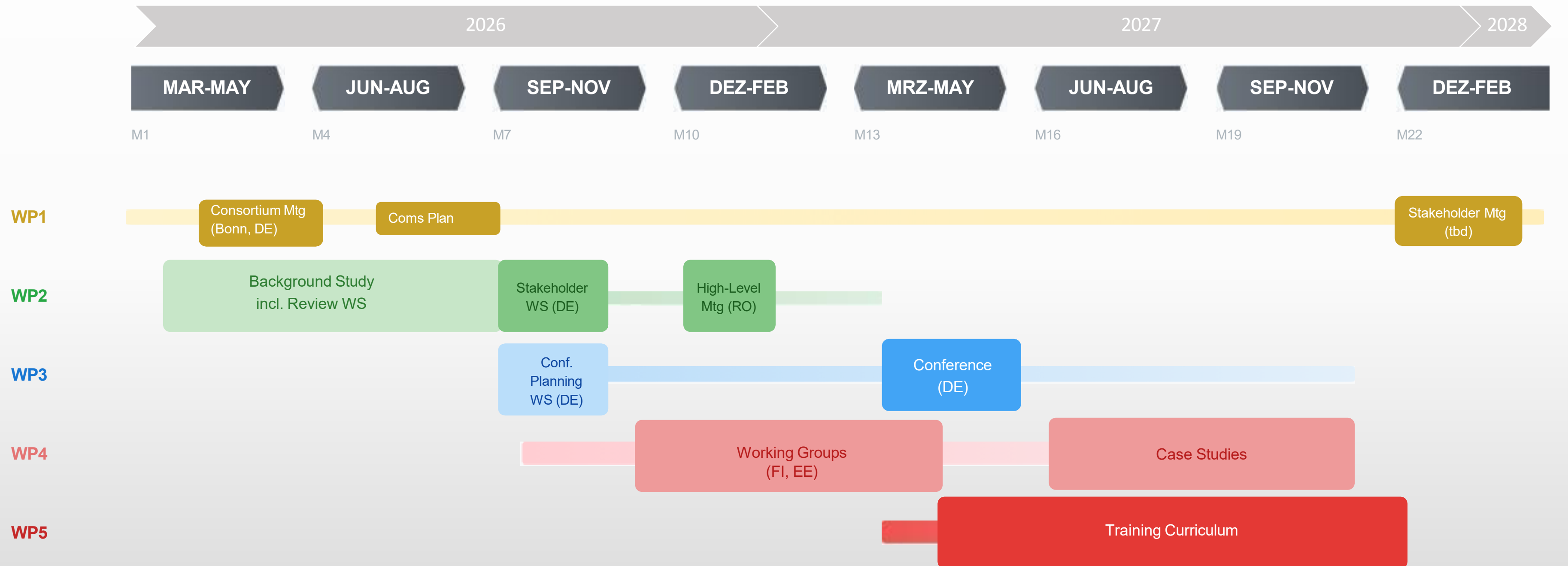
# How – Timeline

Work Packages & Activities (24 months)

**STRIDE**



Co-funded by  
the European Union



WP1 Management    WP2 Understanding    WP3 Conference    WP4 Lessons    WP5 Training



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the European Union

# Thank you!

**Disclaimer:** Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.

CONTACT  
[stride@thw.de](mailto:stride@thw.de)

# UNIT-E

Ukrainian National Initiative for EMTs: Integrating Health Security and Civil Protection for a Stronger Emergency Response

---

UCPM-2025-KAPP-PVPP kick-off meeting (April 16<sup>th</sup>, 2026)



# Content

- ~ Background. Project goal
- ~ Consortium partners
- ~ Expected outputs
- ~ Phased implementation. Tentative dates and places for major events
- ~ Budget. EU co-financing

## 1 Background information and project's primary goal

**Primary goal of the UNITE (Ukrainian National Initiative for EMTs) Project: establish a robust digitally supported and sustainable multi-hazard N- EMT system in Ukraine, while simultaneously strengthening the regional EMT Community of Practice through structured knowledge exchange and collaboration among consortium partners.**

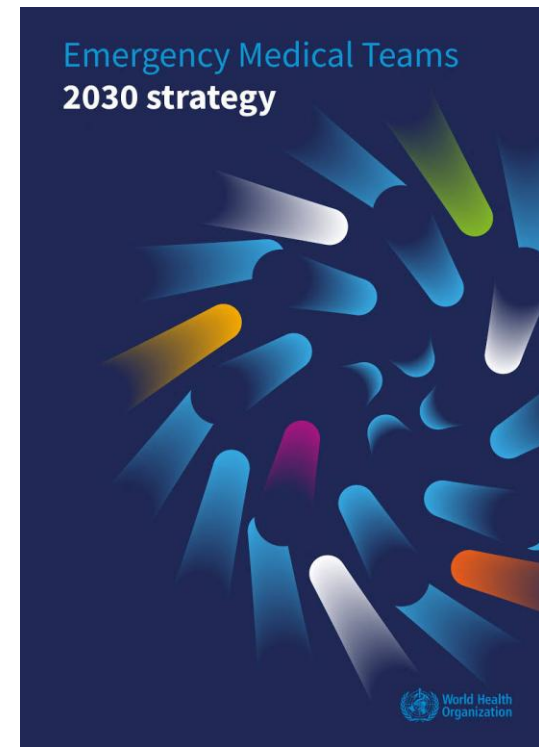
i.e. bolster national surge capacity & address persistent challenges in the EMTs system in Ukraine

### Main challenges currently defining the system

- **Fragmented and decentralized EMT System:**
  - Decentralized management model. 168 / out of 2,508 operational ambulance teams - potential N-EMT
  - Deployment capacities limited to 10 out of 25 oblasts
- **Variability in Clinical Competency:**
  - Wide disparities exist in clinical skills, preparedness, and surge capacity across EMTs
  - Absence of standardized clinical and operational procedures
- **Lack of Centralized Information Systems:**
  - No unified digital platform to support the systematic registration, validation & coordination of EMTs
- **Insufficient Legal and Operational Frameworks:**
  - Existing legal and operational frameworks do not provide foundation for standardized, scalable EMT ops
  - Undefined key elements (e.g. legal mandates, coordination structures, requirements for spaces, supplies, and staffing)
  - Current EMT capacities not aligned with WHO Classification and Minimum Standards



# Operationalizing the EMT 2030 Vision



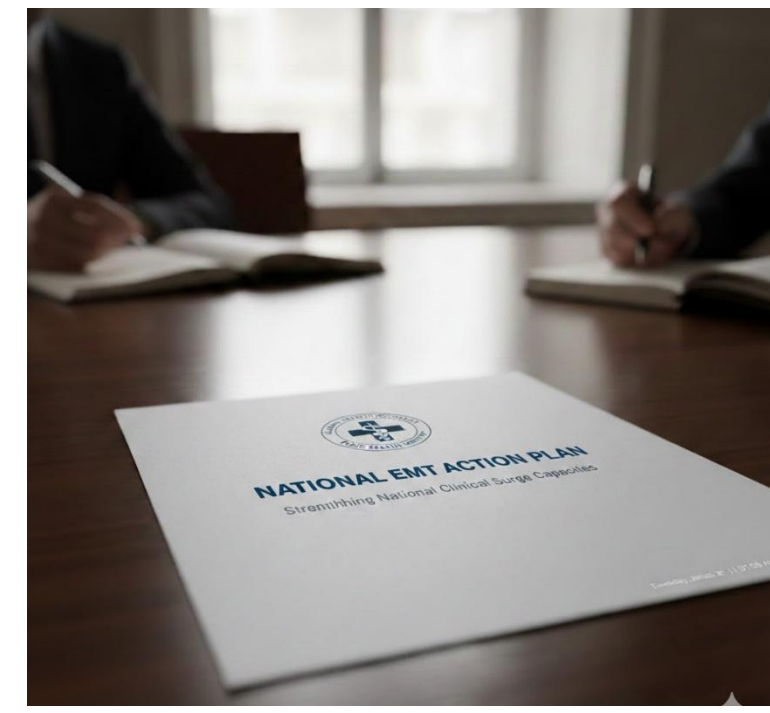
2022

Global 2030 Strategy



2024

Regional EMT Action Plan

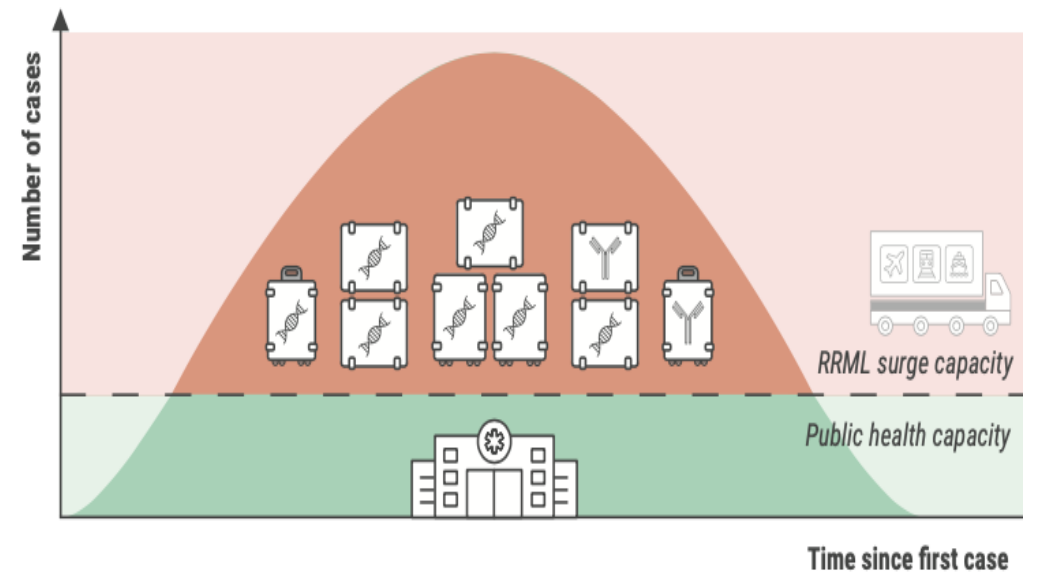


2026-2030

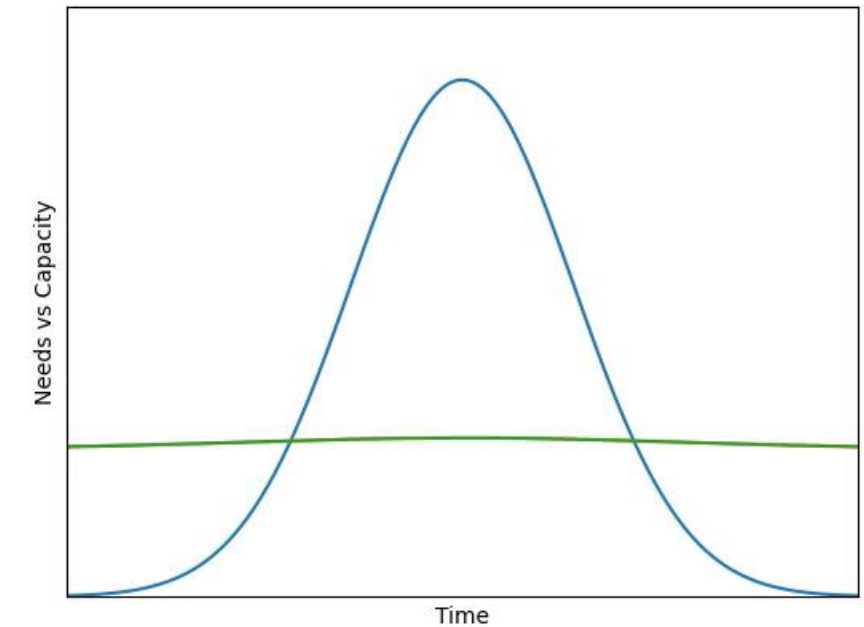
National Action Plans



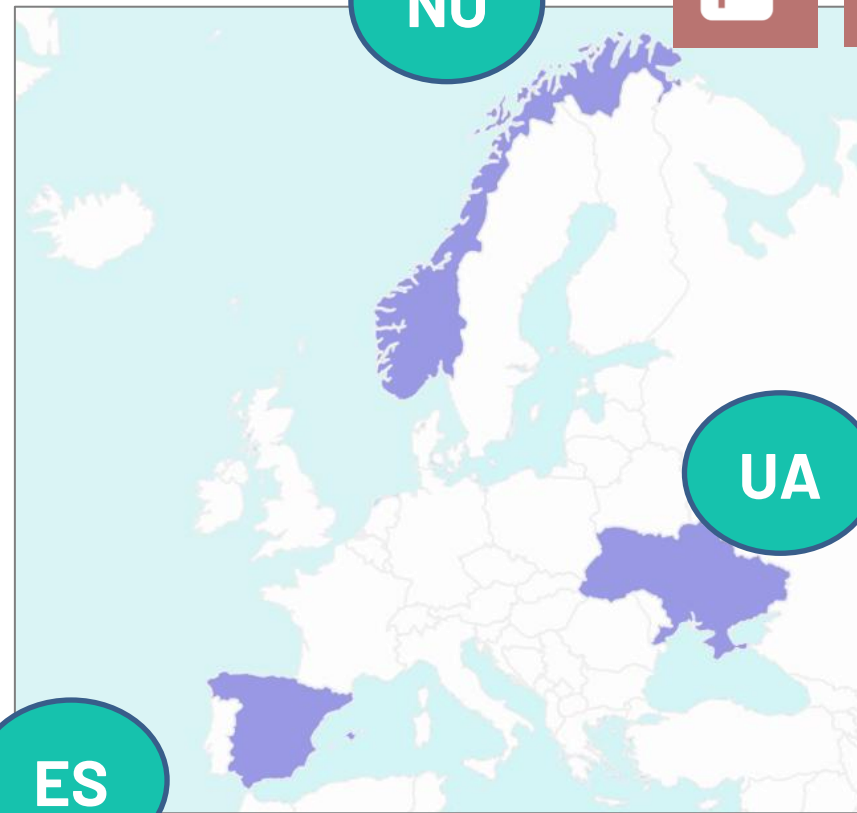
## International solidarity model



## National Clinical Surge capacities model



## 2 Consortium Partners



**aecid** Spanish Agency for International Development Cooperation  
(Ministry of Foreign Affairs, European Union, and Cooperation)

Norwegian Directorate of Health (Ministry of Health and Care Services)

International Operational Partner:

- Proven field expertise in emergency response and capacity building
- Technical support, mentorship, twinning initiatives, and training programs



June 2026?

**Ukrainian Scientific and Practical Center  
for Emergency Medical Care and  
Disaster Medicine (Ministry of Health)**



EMT Initiative - EURO Regional Office  
EMT Initiative – HQ  
Ukraine Country Office

National Implementing Partner:

- Leads local implementation by developing and coordinating the N-EMT system
- Ensures that the developed policies, legislation, and operational procedures are aligned with Ukraine's health and civil protection legal frameworks

Technical and Strategic Partner:

- Ensures alignment with international standards and best practices
- Leads the development and contextual adaptation of the national EMT validation system and associated tools
- Oversees the design and integration of digital solutions, including the KIMEP platform

International Operational Partner:

- UNIT-E project coordinator
- Proven field expertise in emergency response and capacity building
- Technical support, mentorship, twinning initiatives, and training programs

### 3 Expected outputs

**Output 1** – Guidance material for integrating innovative response capabilities – is developed through activities that map national EMT capacities, establish a strategic action plan, and propose legal and procedural reforms -> **implementation of national EMT validation system aligned with WHO standards**. The output strengthens institutional frameworks and quality assurance mechanisms, enabling Ukraine to develop a sustainable EMT system **interoperable with UCPM mechanism**

**Output 2** – Agreements and procedures to build a **cross-border network of competent authorities** – emerges from twinning, mentorship, and joint training activities between Ukraine and EU partners. These exchanges result in **shared methodologies and formalized cooperation**, enhancing Ukraine’s capacity to plan for and respond to transboundary and multi-sectoral risks.

**Output 3** – **Digital tools and open-source platforms for coordination and data sharing** – is achieved through the customization of KIMEP to Ukraine’s EMT system. Activities focus on developing modules for validation tracking, role-based access, team rostering, and multi-hazard coordination.



Month	Date	Milestone
10	Mar 27	National EMT action plan endorsed
16	Sep 27	Pilot of EMT Validation process & official launch of national EMT accreditation system
16	Sep 27	Development of 4 KIMEP Modules: Role-Based Access Control, Validation, Roster & Experts Directory, Coordination in Emergencies
18	Nov 27	Full implementation of twinning package - 3 sequential meetings in Ukraine, Spain & Norway
24	May 28	KIMEP goes live



# EMT Country Workspace: Pilot in Ukraine

**KIMEP** Country Workspace Ukraine

### Country Overview

**Ukraine**

ISO3 Code: UKR  
Region: EURO  
UCPM Participating state [non-EU-10]

#### EMT Methodology Adoption (2030 Indicators)

- EMT National Focal Point assigned ✓
- EMT National Technical standards ?
- EMT National Validation Process ?
- Teams in EMT Global Classification Process ✓

#### National Focal Point Contact

[View All \(2\)](#)

Secured access.

Prototype for N-EMT roster management

Prototype for coordination of N-EMT Capacities in Emergencies

Potential tool for supporting N-EMT validation

## 4 Phased implementation (24 months: May 2026 - May 2028)

### Phase 1 – Evaluation, Mapping, and System Development (Months 1–8):

- Assessment of existing EMT capacities and gaps and comprehensive stakeholder mapping
- Review and development of national legislation, policies, SOPs, and tools aligned with WHO standards
- Definition of enabling factors, core domains, and national EMT benchmarks for quality assurance
- Design and initial development of KIMEP digital modules (validation, early warning, deployment, coordination)
- Delivery of training, workshops, and stakeholder engagement to align methodologies and implementation

### Phase 2 – Piloting in Selected Oblasts (Months 9–16):

- Pilot implementation of EMT frameworks and KIMEP modules in selected oblasts – structured feedback loops
- Operational testing of validation, early warning, and coordination systems – improvement of interoperability and response efficiency
- Capacity strengthening of EMTs prior to and during deployment in real-world settings
- Twinning between consortium partners, mentored support from international EMT experts during pilot activities

### Phase 3 – National Scaling and Full Implementation (Months 17–24):

- Nationwide integration of the EMT system into health & civil protection structures
- Scaling and optimization of KIMEP modules
- Strengthening of EMT deployment capacity & sustainability: institutionalization of SOPs, curricula (continuous training) and digitalization
- Consolidation of cross-border collaboration

## 5 Budget. EU co-financing

COSTS (EUR)	Staff costs	Subcontracting costs	Purchase costs		Indirect costs	Total	EU contribution
			Travel	Other			
ES AECID	41,685	32,000	19,321		6,510.42	<b>99,516.42</b>	<b>89,564.77</b>
UA UACDM	46,800		60,500	7,265	8,019.55	<b>122,584.55</b>	<b>110,326.09</b>
NO HDIR	56,060		6,216		4,359.32	<b>66,635.32</b>	<b>59,971.78</b>
WHO	244,713	300,000	22,876	94,820	46,368.63	<b>708,777.63</b>	<b>637,899.86</b>
<b>TOTAL</b>	<b>389,258</b>	<b>332,000</b>	<b>108,913</b>	<b>102,085</b>	<b>65,257.92</b>	<b>997,513.92</b>	<b>897,762.50</b>
	39%	33%	11%	10%	7%	100%	90% EU co-financing

COSTS (EUR)	Staff costs	Subcontracting costs	Purchase costs		Indirect costs	Total
			Travel	Other		
WP1 Framework&Legislation	137,403		1,966	10,470	10,488.73	<b>160,327.73 (16%)</b>
WP2 Knowledge Transfer	151,982	32,000	88,937	11,265	19,892.88	<b>304,076.88 (30%)</b>
WP3 Digital Solutions & IM	60,978	300,000	4,095	66,350	30,199.61	<b>461,622.61 (46%)</b>
WP4 PM & Dissemination	38,895		13,915	14,000	4,676.70	<b>71,486.70 (7%)</b>
<b>TOTAL</b>	<b>389.258</b>	<b>332,000</b>	<b>108,913</b>	<b>102,085</b>	<b>65,257.92</b>	<b>997,513.92 (100%)</b>
	39%	33%	11%	10%	7%	100%

Thank you!  
Any questions?





European Union  
Civil Protection and  
Humanitarian Aid

KNOWLEDGE FOR ACTION IN PREVENTION AND PREPAREDNESS  
CALL FOR PROPOSALS (UCPM-2025-KAPP-PVPP)  
KICK-OFF MEETING



**IHCantabria**

**STRENGTHENING PREPAREDNESS FOR PLASTIC  
PELLET SPILL EMERGENCIES IN THE MARINE ENVIRONMENT  
(POLARIS)**

Ana J. Abascal

Fundación Instituto de Hidráulica Ambiental

IHCantabria - Instituto de Hidráulica Ambiental de la Universidad  
de Cantabria

Email: [abascalaj@unican.es](mailto:abascalaj@unican.es)

Kick-off meeting

16 April 2026

European Commission – DG ECHO



**IHCantabria**





European Union  
Civil Protection and  
Humanitarian Aid

# PROJECT DATA

UCPM-2026-KAPP-PVPP

- ❖ **Name of the project:** *Strengthening preparedness for plastic pellet spill emergencies in the marine environment* (POLARIS)
- ❖ **EU total eligible costs:** 837 057.49 €
- ❖ **EU co-financing (90%):** 753 351.74
- ❖ **Duration:** 24 months

## Beneficiary partners

PARTICIPATING ORGANISATIONS	COUNTRY	ROLE
FUNDACION INSTITUTO DE HIDRAULICA AMBIENTAL DE CANTABRIA	SPAIN	COORDINATOR
CENTRE DE DOCUMENTATION DE RECHERCHES ET D'EXPERIMENTATION SUR LES POLLUTIONS ACCIDENTELLES	FRANCE	PARTNER
FUNDACION AZTI - AZTI FUNDAZIOA	SPAIN	PARTNER
METEO-FRANCE	FRANCE	PARTNER
SOCIEDAD DE SALVAMENTO Y SEGURIDAD MARITIMA	SPAIN	PARTNER
KYSTVERKET	NORWAY	PARTNER



## Associated partners

- ❖ Basque Government Directorate of Natural Heritage and Climate Change Adaptation
- ❖ Civil Protection and Emergency Service of the Cantabria Government
- ❖ CEPOL: Centre d'Expertises Pratiques de lutte antipollution

- ❖ BONN AGREEMENT
- ❖ REMPEC
- ❖ OSPAR Commission
- ❖ General Directorate of Environment and Climate Change of Cantabria

## Supporting partners

16/04/2026 Kick-off meeting





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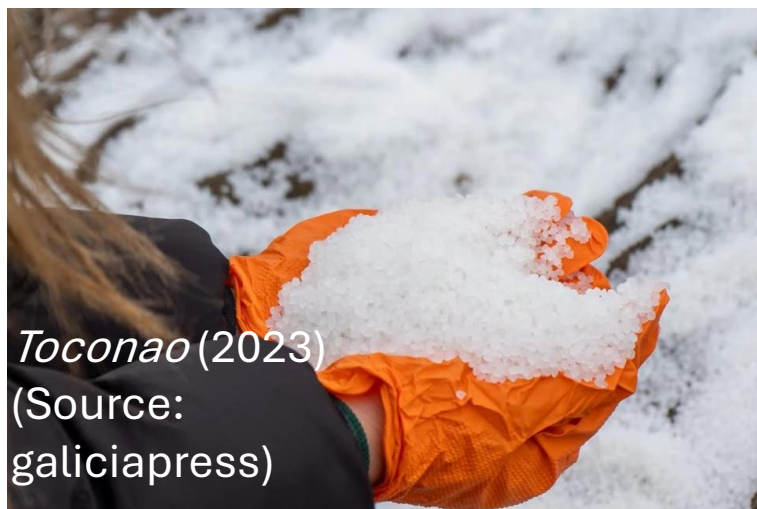
# BACKGROUND AND MOTIVATION

UCPM-2026-KAPP-PVPP

- ✓ The **spill of plastic pellets** (or "nurdles") has become an increasingly critical environmental threat, with **potential impacts on marine and coastal ecosystems, economic activities, and public health**, associated with **high population** and **mediatic awareness** and **operational response challenges**.
- ✓ Several major accidents over the years have highlighted the effects of pellet spills, e.g.:
  - ❖ The **2012 spill in Hong Kong** and the **2017 spill in Durban (South Africa)**
  - ❖ The **Trans Carrier (2020)** lost over **10 tonnes of plastic pellets in the North Sea**, contaminating the coastlines of Norway and Sweden.
  - ❖ The **X-Press Pearl spill** (Sri Lanka, 2021) released approximately **11,000 tonnes of pellets into the Indian Ocean**, contaminating the coasts of Sri Lanka and surrounding regions.
  - ❖ More recently, in **December 2023**, the cargo ship **Toconao spilled 25 tonnes of pellets off the northern coast of Portugal**, dispersing them across the Bay of Biscay and impacting the shores of Portugal, Spain, and France.
  - ❖ In **March 2025**, the container **ship Solong** collided with the Stena Immaculate in the **North Sea**, resulting in the loss of several tonnes of plastic pellets. The spill affected the UK coastline, with nurdles washing up on protected areas.



Sri Lanka (2021) (Source: <https://www.theguardian.com>)



Toconao (2023) (Source: galiciapress)





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Humanitarian Aid

# BACKGROUND AND MOTIVATION

UCPM-2026-KAPP-PVPP

Despite the increasing frequency of such events, current spill response frameworks lack dedicated, standardized procedures adapted to the specific behavior and challenges posed by plastic pellets. Plastic pellet spills present unique challenges due to their physical and chemical properties (e.g. different to oil spills), which lead to different transport dynamics in marine environments as well as specific clean-up responses on the coastline.

## CHALLENGES

Specific **identified challenges** include, *inter alia*,

- i) The lack of visibility of pellets at sea,
- ii) Wide dispersion on the coast leading to work-intensive and time-consuming coastal cleaning tasks,
- iii) Lack of predictive models and risk assessment maps as available for example for oil spills and
- iv) Gaps in the coordination between regional and national administrations.

Volunteer groups also played a crucial role in response efforts during these and other accidents, emphasizing the importance of community engagement in disaster management.



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## OBJECTIVES

POLARIS project aims to enhance institutional preparedness and response as well as to population awareness to environmental emergencies caused by plastic pellet spills in European regions.

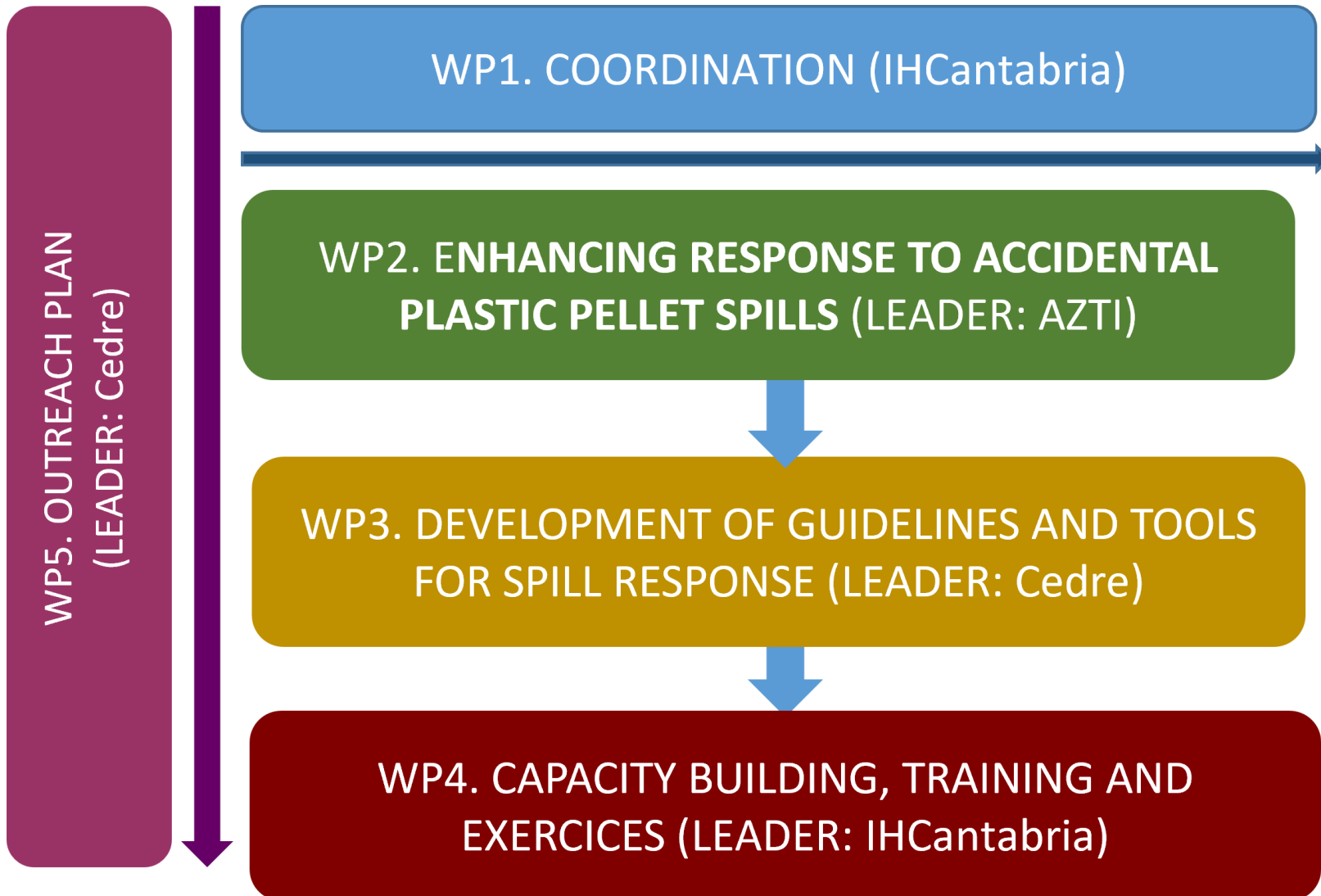
- i) **O1: Enhancing response** to accidental plastic pellet spills:
- ii) **O2:** Development of robust, actionable and scalable **guidelines to enhance operational readiness** across Europe.
- iii) **O3:** Development of **digital tools for field operators, volunteers and decision-making**
- iv) **O4:** Enhancing **institutional preparedness and operational capacity** on accidental plastic pellet pollution



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# WORK PLAN

UCPM-2026-KAPP-PVPP



- **Laboratory experiments** on the behaviour of plastic pellets
- Improving **predictive models** for pellets spills
- Development of new **Hazard, Vulnerability and Risk** maps
- Enhancement of **coastal monitoring** using drones with multi-sensor capabilities
- **Evaluation of clean-up techniques** testing in Cedre and NCA facilities across various substrates

**WP2**

POLARIS will develop **guidelines and tools** for spill response:

**WP3**

- Development of **manuals and best-practice fact sheets** covering critical aspects for the response (e.g. Pollution Monitoring and Surveying, Clean-up Methods, Volunteer Management)
- Development of **digital tools for operators, volunteers and decision-makers**

This WP will ensure that the **knowledge** generated in the POLARIS project is **translated into concrete, field-ready instruments** that can be rapidly deployed in the event of a spill, contributing to faster response times.

Providing **training and capacity-building** for authorities, operational responders and journalists. It strengthens the operational capacity of civil protection units, local authorities, and response teams.

**WP4**

16/04/2026 Kick-off meeting





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# EXPECTED OUTPUTS

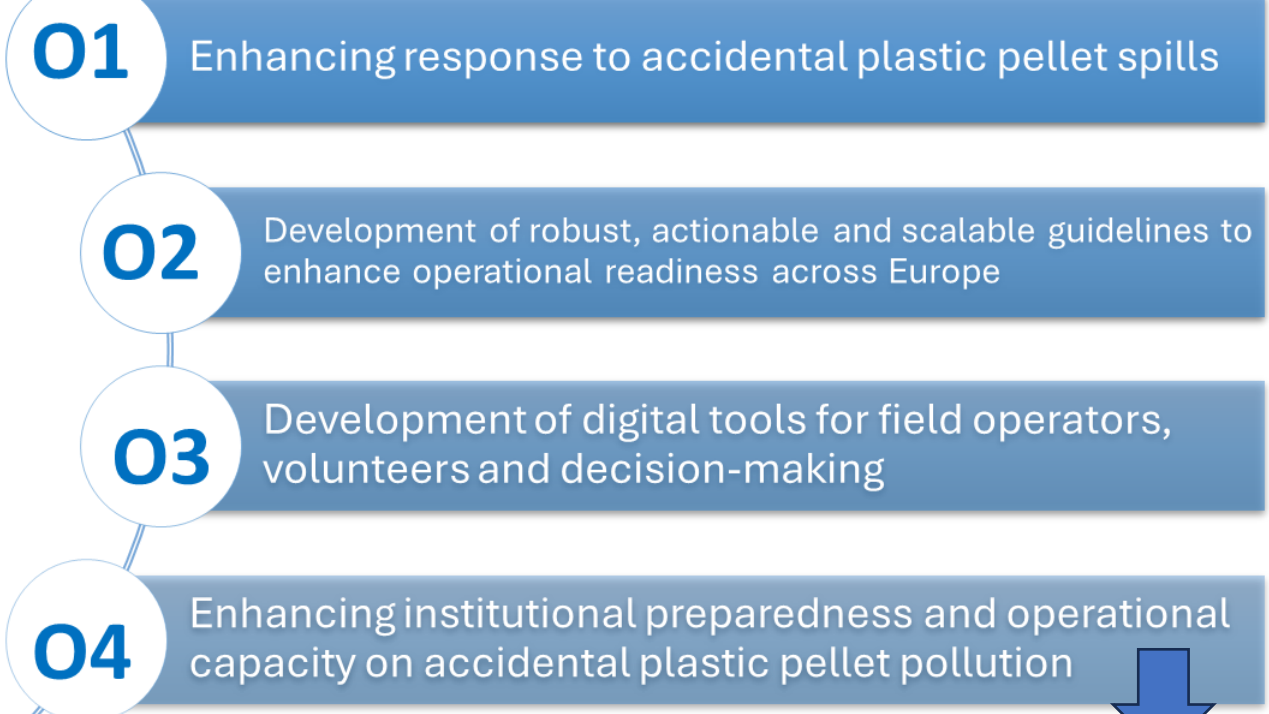
- ❖ Experimental database on plastic pellet behaviour in the marine environment – O1
- ❖ Optimized Lagrangian tracking models for predicting trajectories of accidental plastic pellet spills – O1
- ❖ Hazard, vulnerability and risk maps for pellet spills in the Bay of Biscay and the North Sea – O1

- ❖ Manual and best-practice fact sheets for local authorities – O2
- ❖ Handbook for operational responders – O2

## Digital tools for operators, volunteers and decision-making – O3 :

- A professional-grade toolkit for field operators and response teams, integrating a custom geospatial module for mapping, documenting, and tracking pellet pollution during shoreline surveying;
- A simplified, user-friendly mobile application for volunteers, enabling them to report sightings of plastic pellets, document clean-up efforts, and receive instructions or updates from response coordinators;
- A Web App DSS (POLARIS's DSS) to support evidence-based risk management and decision-making that will integrate the predictive models, risk assessment, guidelines and best-practices developed in the project.

- ❖ Training modules for journalists – O4
- ❖ Pilot training course and experts' meeting for representatives from participating countries including both local authorities and operational responders – O4
- ❖ Spill exercise with virtual reality for decision-making replicating a marine pellet spill scenario – O4
- ❖ Communication, capitalization plan and dissemination activities - O4





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Humanitarian Aid

# MAJOR EVENTS

UCPM-2026-KAPP-PVPP

MONTH	PROJECT DURATION (MONTH)																							
	2026												2027										2028	
	M	A	M	J	J	A	S	O	N	D	E	F	M	A	M	J	J	A	S	O	N	D	E	F
	Semester 1						Semester 2						Semester 3						Semester 4					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
WP1 KICK OFF MEETING	SP																							
WP 1 PROJECT/STEERING COMMITTEE MEETINGS	OM												FR						SP					
WP4 INTERNATIONAL EXPERT'S MEETING													FR											
WP4 INTERNATIONAL VIRTUAL EXERCISE																			SP					
WP1 FINAL MEETING																							NO	

- ❖ Kick Off meeting in Spain (M2)
- ❖ Kick Off meeting in Brussels (M2)
- ❖ 3 Steering Committee (Transnational) Meetings (WP1) and 2 international events (WP4):
  - Online meeting (M9)
  - 1 Technical meeting and **International Expert's Meeting (WP4)** in France (M16)
  - 1 Technical meeting and **International Virtual Exercise (WP4)** in Spain (M20), and
- ❖ Final meeting and Closure event in Norway (M24)

TECHNICAL MEETINGS AND EVENTS	DATE	COUNTRY	HOSTED BY
Kick of Meeting ( Spain)	Month 2 (April 2026)	SPAIN	IHCantabria
Kick of Meeting ( Brussels) (only Coordinator)	Month 2 (April 2026)	BELGIUM	EU-DG ECHO
Online meeting	Month 9 (November 2026)	VIRTUAL	VIRTUAL
Transnational Meeting + International Expert meeting (France)	Month 16 (June 2027)	FRANCE	Cedre
Transnational Meeting + Virtual Spill Exercise in Jovellanos (Spain)	Month 20 (October 2027)	SPAIN	SASEMAR
Final Meeting + Closure event (Norway)	Month 24 (February 2028)	NORWAY	NCA

16/04/2026 Kick-off meeting





Bosnia and Herzegovina  
Ministry of Security

# SEE HNS

South-East Europe Host Nation Support  
(UCPM-2025-KAPP-PVPP)

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Coordinator: Bosnia and Herzegovina Ministry of Security

Kick-Off Meeting, Brussels April 16, 2026



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# Basic of the SEE HNS Project Data

## *under the UCPCM-2025-KAPP-PVPP funding instrument*



### Beneficiaries:

-  **Bosnia and Herzegovina**, Ministry of Security, Protection and  
Factor
-  **Republic of Serbia**, Ministry of Interior, Emergency  
Management Sector
-  **Republic of North Macedonia**, Protection and Rescue  
Directorate
-  **GOPA Partners in Action for Change and Engagement S.A.**  
(PACE)

### Key Information:

- **Duration:** 18 Months (April 2026 – September 2027)
- **Total Eligible Cost:** €696,746.07
- **EU Contribution:** €627,071.44
- **EU Co-funding:** ~90%
- **Region:** South-East Europa



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# Why the SEE HNS Project Matters



## Limited alignment with EU HNS standards

- Past experiences have shown that insufficient harmonization hinders the provision and delivery of international assistance



## Weak cross-border coordination



- **Regional practice** – demonstrate that limited cooperation reduces the effectiveness of joint emergency response



## Gaps in operational preparedness

- previous intervention and exercises revealed shortcomings in readiness and capacity



## Need for harmonized procedures



## Need for stronger institutional capacity

**Highlighted:** The SEE HNS project directly contributes to more effective provision and delivery of international assistance, building on past experiences and practices in the region, and represents a strategic step towards bringing South-East European countries closer to EU standards.



# Expected Outputs of the SEE HNS Project



## Legal Harmonization of HNS Guidelines

To transpose the 2024 EU HNS Guidelines into national legislation through by-laws or amendments, and establish clear roles and procedures for all actors involved in sending, transiting, or receiving.



## Capacity Building for HNS Implementation

Develop structured trainings, regional Training of Trainers, (ToT) workshops, and stakeholder exercise to build institutional knowledge and increase the number of trained responders.



## Regional Interoperability & Coordination

Facilitate peer learning, joint SOP development, and Table-Top Exercise (TTX) to ensure common approaches and seamless coordination during large-scale emergencies.



## Impact & Sustainability

- Stronger HNS Systems
- Improved Regional Cooperation
- Increased Preparedness
- Trained Institutions & Experts
- Long-Term Use of SOPs



# Key Events

Event	Location(s)	Date / Timing
Kick-off Meeting	Brussels	April 16, 2026
Lessons Learned Workshops & Regional Meetings	Bosnia and Herzegovina; Republic of Serbia	Continuous
SOPs Workshops	Republic of North Macedonia; Bosnia and Herzegovina	September 2026
Scenario Design Workshop (TTX)	Bosnia and Herzegovina	October 2026
TTX Planning Conference	Republic of Serbia	November 2026
National Trainings	Bosnia and Herzegovina	Dec 2026 – Mar 2027
National HNS Workshops (completed)	Bosnia and Herzegovina; Republic of Serbia; Republic of North Macedonia	February 10, 2027
Training for Liaison Officers	Republic of Serbia; Republic of North Macedonia	Dec 2026 – Mar 2027
Technical Logistics Training	Bosnia and Herzegovina; Republic of North Macedonia; Republic of Serbia	Dec 2026 – Mar 2027
Cross-Border Exercise	Republic of Serbia	Jan-Feb 2027
Final Evaluation of Training & SOP Integration	Republic of Serbia	April 2027
Final Conference	Bosnia and Herzegovina	September 2027



**Thank you  
for your attention**

**Q/A session**



**Mujo Rančić**

Project Director

[Mujo.Rancic@msb.gov.ba](mailto:Mujo.Rancic@msb.gov.ba)



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Geoscience for a sustainable Earth

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# FASTER PROJECT (project: 101252469)

## Kick-off meeting with DG-ECHO

S. Auclair  
16/04/2026



Co-funded by  
the European Union

# Overview



8 beneficiaries / 5 countries exposed to seismic risk

	Beneficiary	Country	Eligible costs	Max grant
1	BRGM (lead)		219 396 €	197 456 €
2	INFP		122 836 €	110 552 €
3	ICGC		112 349 €	101 114 €
4	AFAD		66 912 €	60 221 €
5	VALABRE		102 061 €	91 841 €
6	PLINIVS		119 453 €	107 507 €
7	Univ. Ankara		65 337 €	58 804 €
8	RAN		76 616 €	68 955 €
	<b>TOTAL</b>		<b>884 960 €</b>	<b>796 450 €</b>

## Advisory board

- JRC / EU Crisis Man.t Laboratory – M. Santini
- Union for the Mediterranean (UfM) – V. Forand
- ETHZ/SED – F. Haslinger
- INGV – A. Michelini
- Italian Civil Protection Agency (DPC) – V. Bossi

## 1 associated partner

- Regional Civil Protection of Catalonia





# Motivations

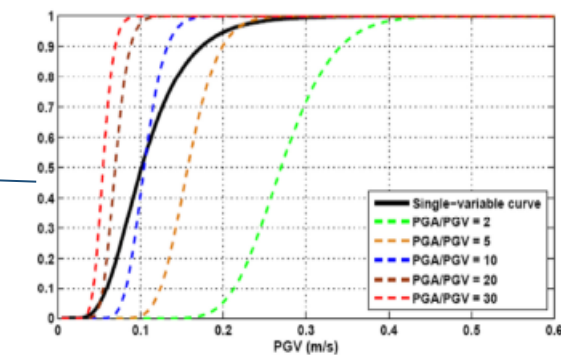
Since earthquakes cannot be predicted, response must be as prompt as possible

- After a destructive event, **it takes a long time to get a realistic view of losses**
- Even if imprecise, a rapid rough estimate of the severity of these losses is essential for decision-making

## Earthquake Rapid Response (RRE)

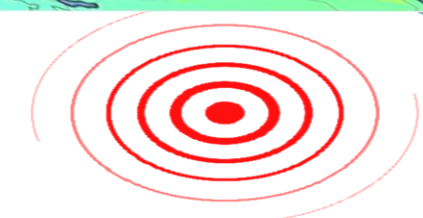
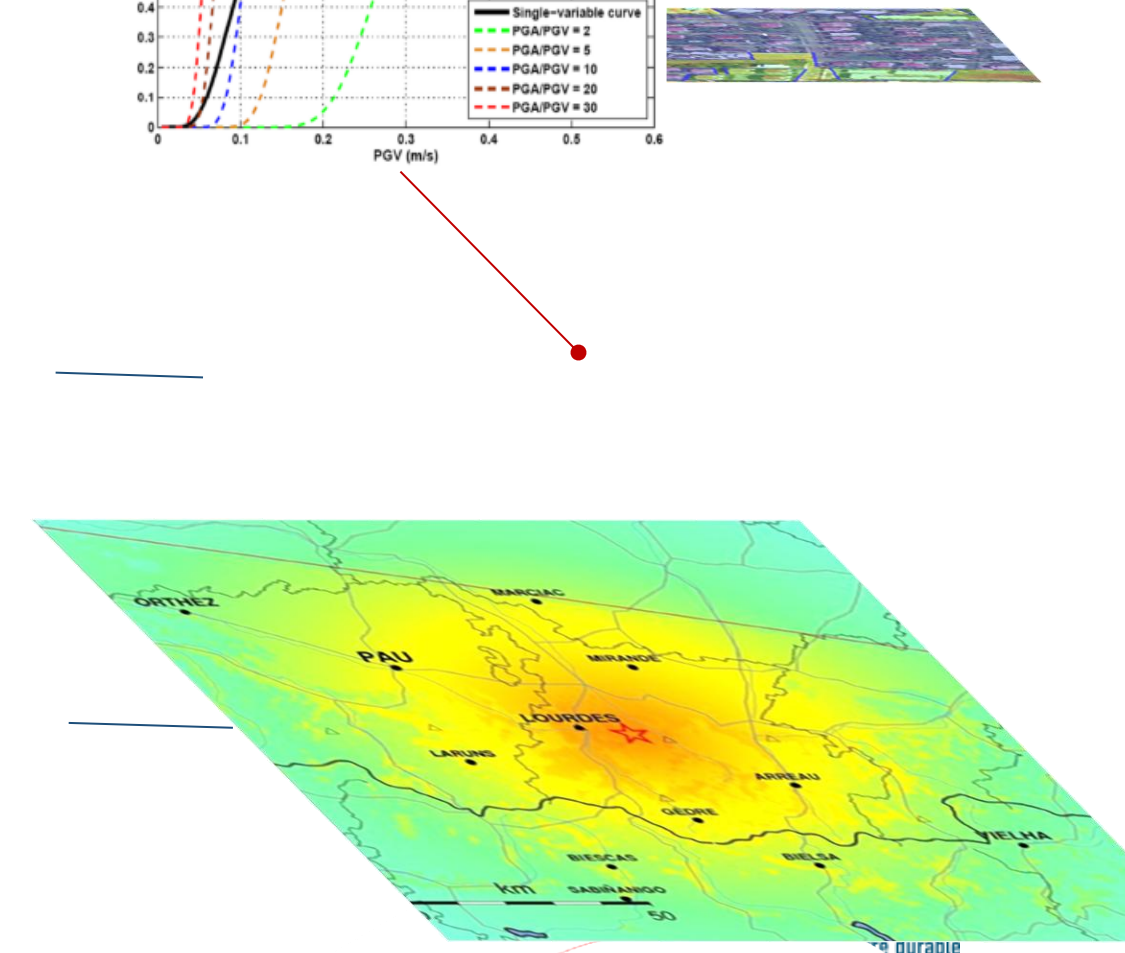
- Rapid assessment of the likely effects of the shaking in terms of seismic intensity or potential losses to infrastructure and people
- 4-step process
  1. Rapid earthquake detection and characterization
  2. Automatic evaluation of ShakeMap calibrated on seismological observations
  3. Assessment of number of buildings affected by level of intensity and vulnerability
  4. Calculation of specific impact indicators

*Fragility model*



*Vulnerability zonation (current buildings)*

*ShakeMap*



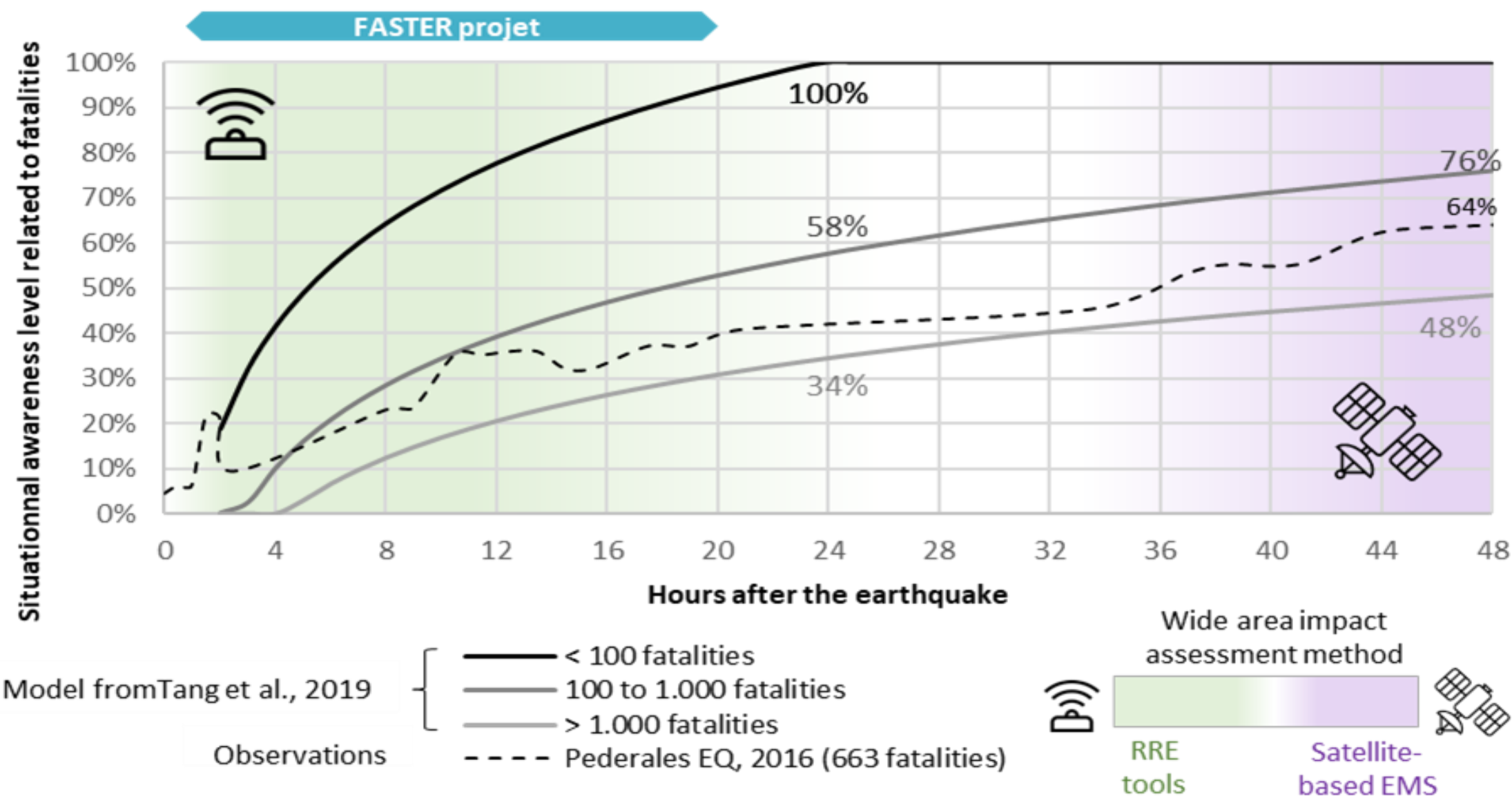
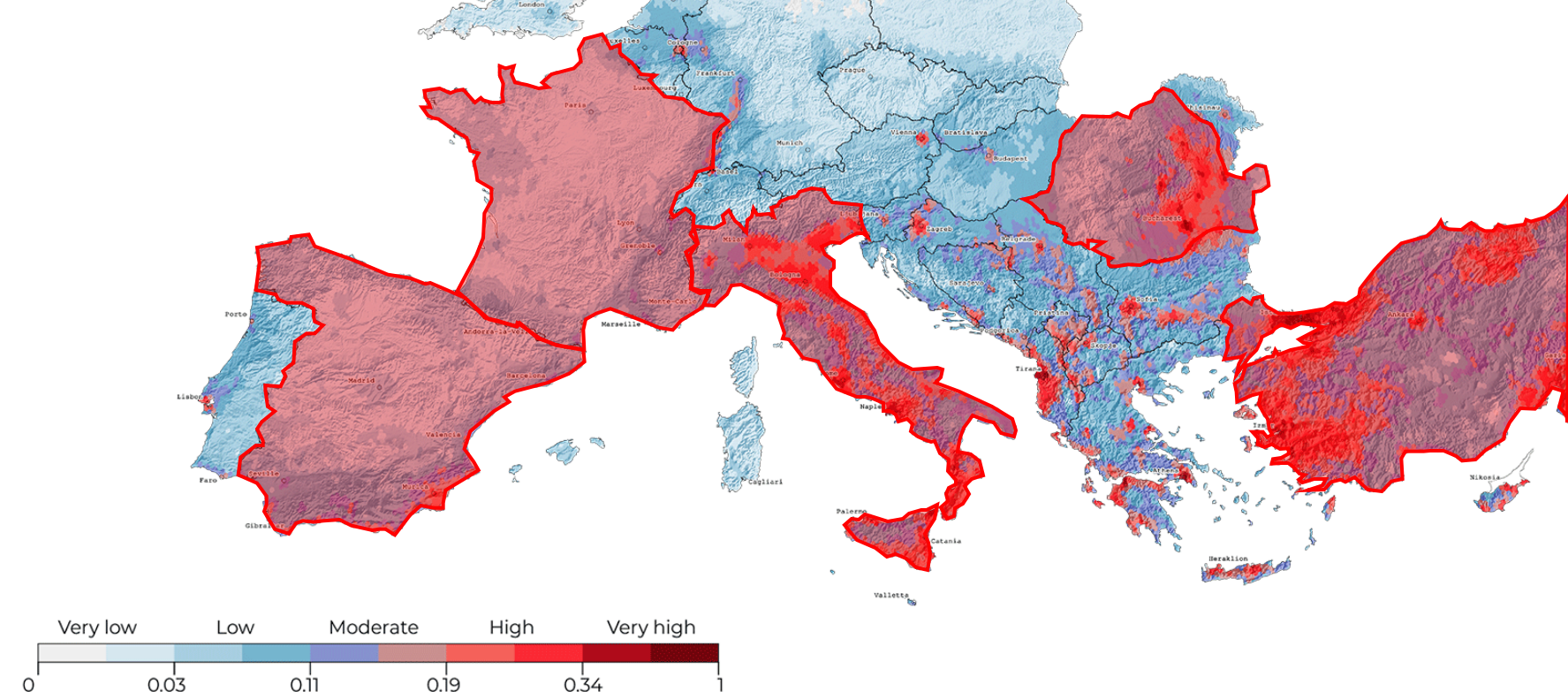
# Motivations

## RRE: a rare but useful and complementary tool

- Copernicus EMS: rapid mapping ~36-48h after the earthquake
- Few European countries have operational RREs : Türkiye, Romania, Italy, France, & Spain

## Need to further develop and spread RRE tools shared by all levels of CP practitioners

- Tactical & operational levels: local authorities 1<sup>st</sup>/2<sup>nd</sup> responders
- Strategic and political level
- EU level, the ERCC needs to anticipate reinforcements' needs from affected countries



# Mains objectives

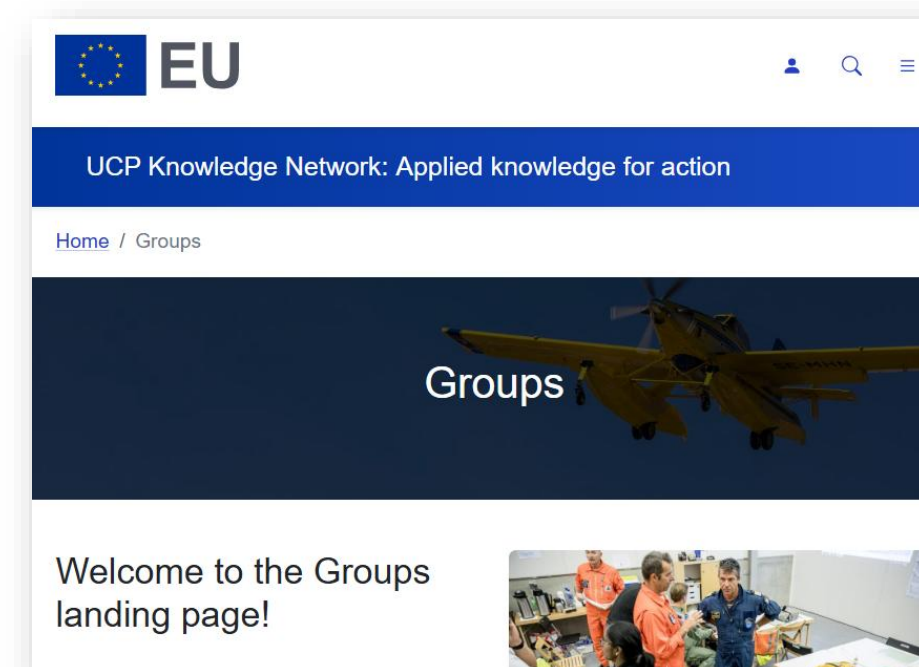
## General objective

- Creation of a new **Community of Practice (CoP) dedicated to RRE within the UCPKN**
- **Strengthening the effectiveness and interoperability of national and European RRE tools**
- **Providing guidelines to promote decision support and the effective use of RRE tools by/among UCPM and EU neighboring countries and the ERCC:**
  - **Guidelines to practitioners**
  - **Scientific agenda:** guidance to the scientific community for their future work on RRE, aligned with the real needs of practitioners



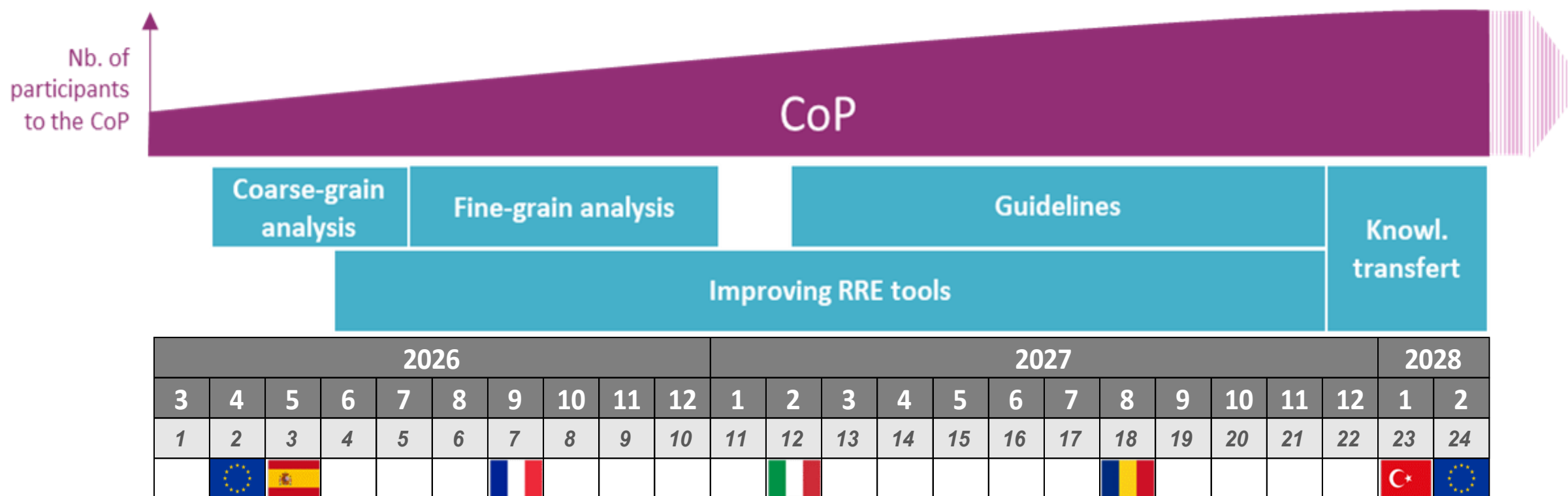
Groups of Practices: initial composition						
GoP 1 UCPM		ERCC				
Partner countr.	Spain (+Andora)	France	Italy	Romania	Türkiye	EU + Other countries
GoP 2	<ul style="list-style-type: none"> <li>National CPAs</li> <li>Regional CPA of Catalonia</li> </ul>	<ul style="list-style-type: none"> <li>National CPA</li> <li>Regional CPA of French West-Indies (EMIZA)</li> </ul>	<ul style="list-style-type: none"> <li>National CPA</li> <li>Regional CPA of Campania</li> </ul>	<ul style="list-style-type: none"> <li>National CPAs (DSU+IGSU+DLPA)</li> <li>Regional CPA of Bucharest-Ilfov</li> </ul>	<ul style="list-style-type: none"> <li>AFAD Disaster Coordination Center</li> </ul>	<ul style="list-style-type: none"> <li>Invitation of all nat. CPAs of UCPM countries</li> <li>Invitation of all nat. CPA of EC Neighbourhood Countries (via UfM)</li> </ul>
GoP 3	<ul style="list-style-type: none"> <li>Firefighters of Catalonia</li> </ul>	<ul style="list-style-type: none"> <li>Prefectures x4</li> <li>Firefighters / USAR teams x4</li> <li>Metropolitan area of Nice</li> <li>French ass. for earthq. engineering (AFPS)</li> </ul>	<ul style="list-style-type: none"> <li>Prefectures</li> <li>Municipal CPAs: Napoli, Bacoli, Pozzuoli</li> <li>Orders of Eng. &amp; Architects - Province of Naples</li> </ul>	<ul style="list-style-type: none"> <li>Bucharest Committee for Emergency Situations</li> <li>AICPS (Engineers Association)</li> <li>PAID Romania (compulsory insurances)</li> </ul>	<ul style="list-style-type: none"> <li>Provincial AFAD Directorates</li> <li>Authorities resp. of National Response Plan of Türkiye</li> <li>Disaster Insurance Pool</li> </ul>	<ul style="list-style-type: none"> <li>INSARAG "Africa/Europe/Middle East Region" regional group (via Valabre)</li> </ul>
GoP 4	<ul style="list-style-type: none"> <li>Operator of a high-speed train line</li> </ul>	<ul style="list-style-type: none"> <li>Martinique's infr. operators</li> </ul>	Not yet identified	<ul style="list-style-type: none"> <li>Oil company</li> </ul>	Not yet identified	Not yet identified
GoP 5	<ul style="list-style-type: none"> <li>ICGC</li> </ul>	<ul style="list-style-type: none"> <li>BRGM</li> </ul>	<ul style="list-style-type: none"> <li>PLINIVS</li> </ul>	<ul style="list-style-type: none"> <li>INFP</li> </ul>	<ul style="list-style-type: none"> <li>Univ. Ankara</li> </ul>	JRC-ECML ; ARISOTLE ENHSP group ; INGV ; ETHZ

\* CPA: CP authority





# Macroplanning & main milestones



Description	Due date
<b>Kick-off meeting - Spain</b>	May. 26
Self-diagnoses form / national civil protection authorities	Jul. 26
"Fine-grain" survey	Aug. 26
<b>Plenary meeting – France Kick-off of the CoP</b>	Sept. 26
Technical workshop #2	Nov. 26
5 national workshops	Feb. 27
<b>Plenary meeting - Italy</b>	Feb. 27
<b>Plenary meeting - Romania</b>	Aug. 27
Guidelines + Research Agenda	Nov. 27
Knowledge transfer webinar	Jan. 28
<b>Final conference – Ankara</b>	Jan. 28



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# HOLISTIC **AI**-DRIVEN EARLY **WARNING** SYSTEM FOR CLIMATE-INDUCED HAZARDS IN CRITICAL INFRASTRUCTURE AND CIVIL PROTECTION

GA No: 101254083

Duration: 24 months

Project Cost: €925,083.48

EU Contribution: €832,572.00

Start Date: 01 Apr 2026

**Coordinator:** Faculty of Civil Engineering, Univ. of Zagreb



**Partners:** Infra Plan Consulting, Croatia



Zentrix Lab, Serbia

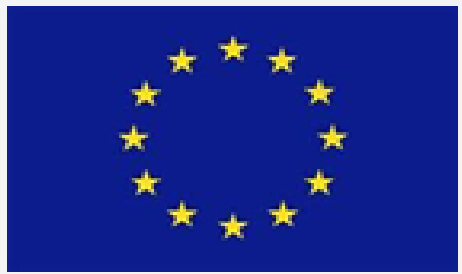


City of Dubrovnik, Croatia



City of Brussels, Belgium





# Development continuity

A wider and continuing development line of UCPM projects



**2019-2022**  
Infrastructure vulnerability



**2022-2024**  
Cascading multi-hazard risk



**2024-2026**  
Risk assessment and CHEWS



**2026-2028**  
Next development step  
AI, data fusion, earlier recognition

*From previous methodological foundations to AI-Warn and beyond*

# PROBLEMS AND CASE STUDIES



## CS (AOI) 1: Brussels

- NW lowland Europe
- flood-related hazards
- urban environment
- business & govt. hub

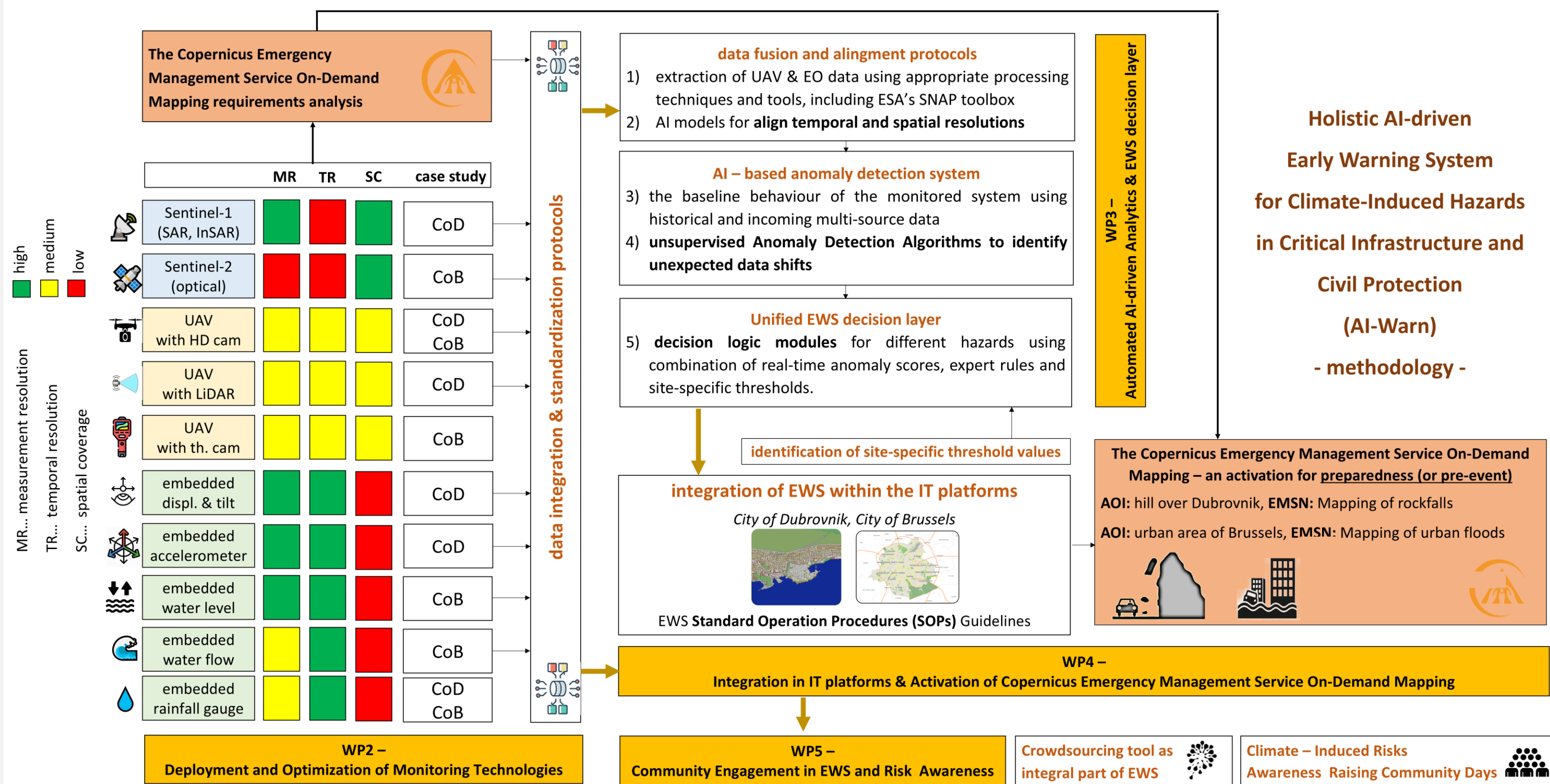


## CS (AOI) 2: Dubrovnik

- SE upland Europe
- geo-related hazards
- urban environment
- touristic hub



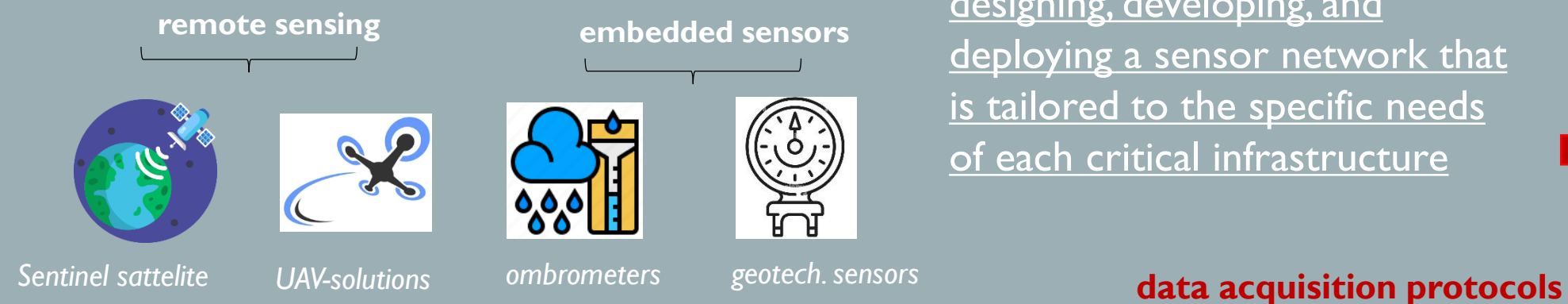
# AI-WARN METHODOLOGY



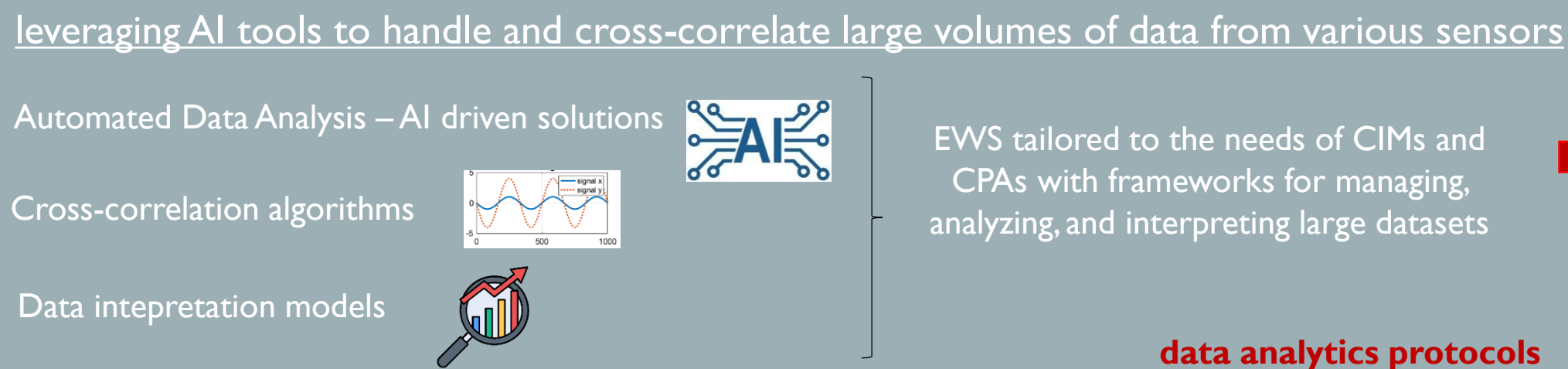
# Tailored AI-driven Early Warning System for Climate-Induced Hazards in Critical Infrastructure and Civil Protection (AI-Warn)



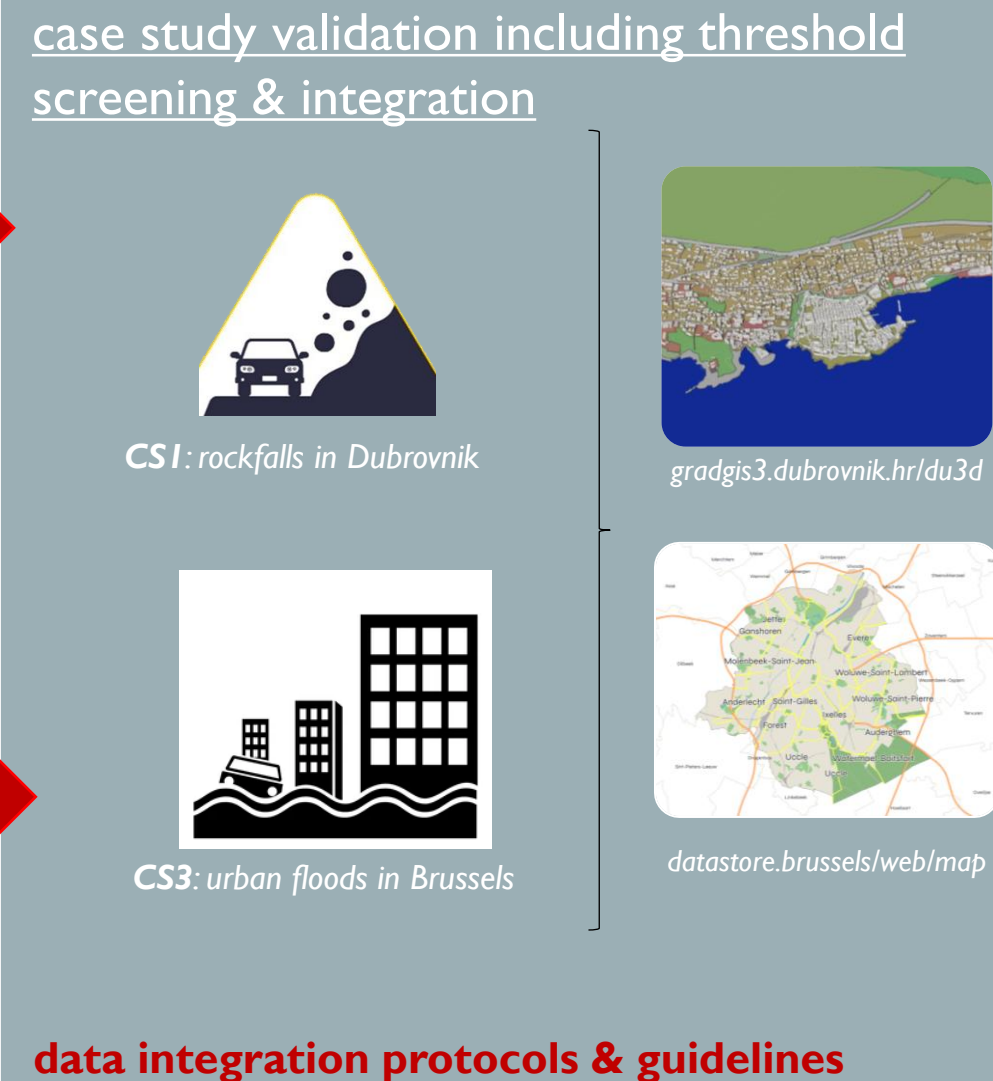
## WP2 – Deployment and Optimization of Remote and Embedded Monitoring Technologies



## WP3 – Automated Data Analytics and Early Warning System



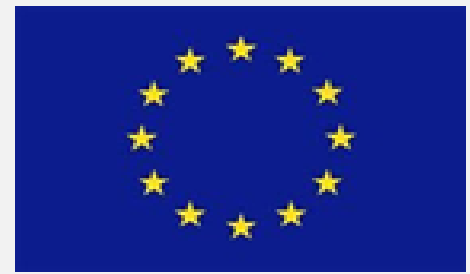
## WP4 – Integration of EWS into IT platforms



## WP5 – Community Engagement and Stakeholder Communication in EWS



# AI-WARN OUTPUTS



**1** **Sensor network tailored to the specific needs of critical infrastructure**

**2** **AI tools to handle and cross-correlate large volumes of data from various sensors**

**3** **EWS for CC hazards for CIMs and CPAs with framework for large datasets**

**4** **Case study validation including threshold screening & integration**

**5** **Improved public readiness and strengthen stakeholder communication**

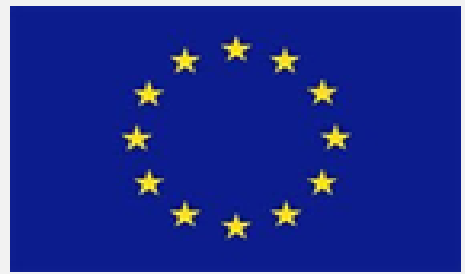
**THANK YOU FOR  
YOUR ATTENTION**

**Project Coordinator:**

Prof. Meho Sasa Kovacevic, UZ FCE  
[msk@grad.hr](mailto:msk@grad.hr)

**WP4 leader:**

Dr. Irina Stipanovic, IPC  
[irina.stipanovic@infraplan.hr](mailto:irina.stipanovic@infraplan.hr)



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



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



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

*Pre-Face: Enhancing Preparedness Capacities for Multi-Hazard Effects through the Fusion of Geospatial and AI Technologies*

**Dr Nicholas Kyriakides**

Assistant Professor

Department of Civil Engineering and Geomatics

Cyprus University of Technology (CUT)

Eratosthenes Centre of Excellence (ECoE)

# Abstract

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The **Pre-FACED project** aims to enhance the emergency response capability of the **Union Civil Protection Mechanism (UCPM)** agencies for **wildfires, floods, damn failures** and combined events, while strengthening cooperation amongst EU countries.

This will be achieved through the development of an operational remote sensing (RS)/GIS-based platform that serves as a **preparedness Decision Support System (DSS)** for wildfires and floods.

The system will be dynamically updated, by integrating hazard prediction models, geospatial technologies (**Remote Sensing, GIS, and GNSS**), **real-time field data, and advanced prediction models supported by Artificial Intelligence (AI) capabilities.**

**Call: UCPM-2025-KAPP**

(Knowledge for Action in Prevention and Preparedness)

**Topic: UCPM-2025-KAPP-PVPP**

**Type of Action: UCPM-PJG**

(UCPM Project Grants)

**Proposal number: 101252972**

**Proposal acronym: Pre-FACED**

**Type of Model Grant Agreement: UCPM Action Grant Budget-Based**

---

# Abstract

The DSS will incorporate dynamic, real-time field information streams and will be deployed and tested in Cyprus, Greece, and Portugal - under the expertise of the French CP- to enhance their operational readiness and address identified preparedness gaps.

**Call: UCPM-2025-KAPP**  
(Knowledge for Action in Prevention and Preparedness)

**Topic: UCPM-2025-KAPP-PVPP**

**Type of Action: UCPM-PJG**  
(UCPM Project Grants)

**Proposal number: 101252972**

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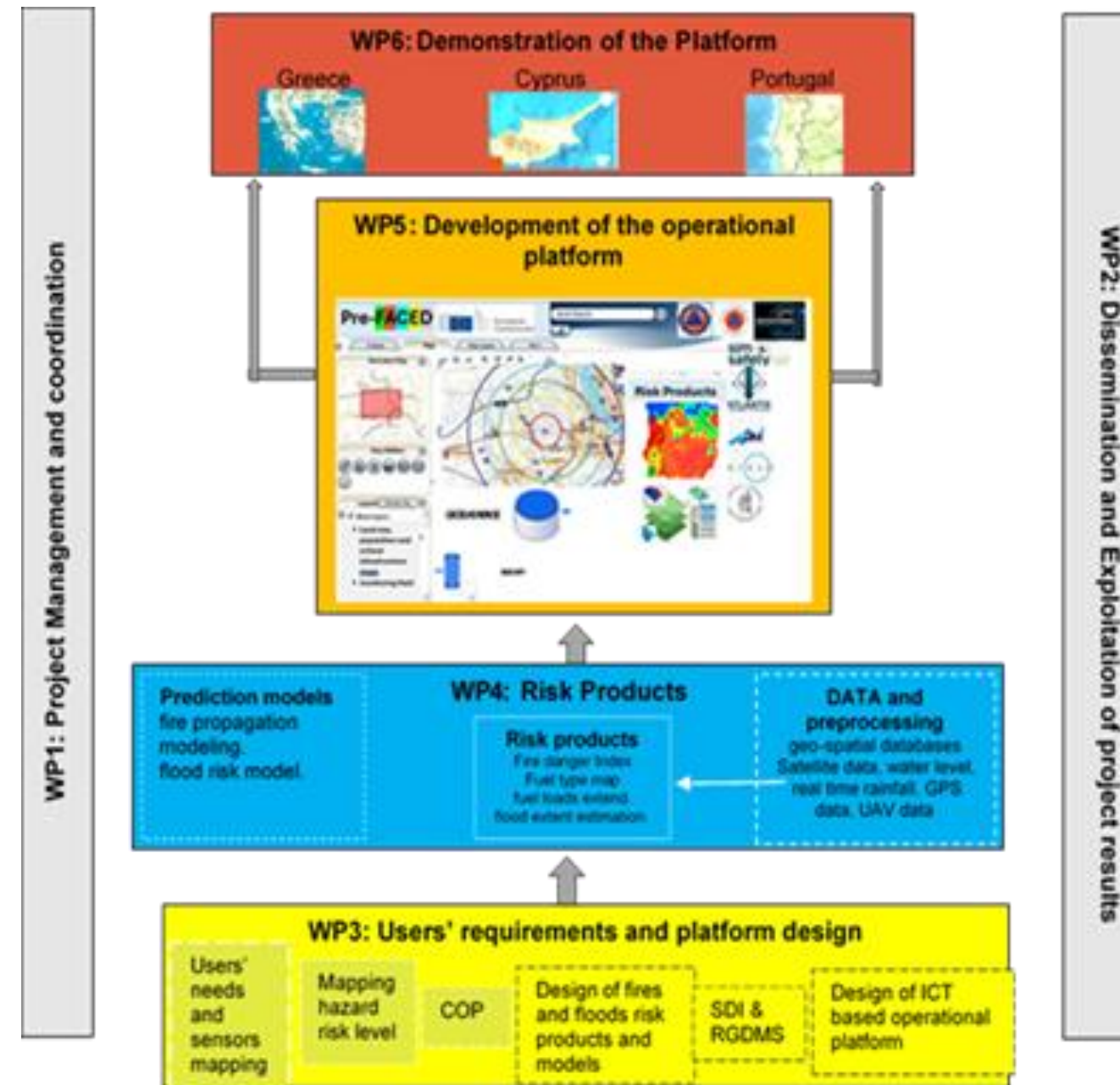
**Type of Model Grant Agreement: UCPM Action Grant Budget-Based**

1	ERATOSTHENES CENTRE OF EXCELLENCE	Cyprus
2	ASSOCIACAO PARA O DESENVOLVIMENTO DA AERODINA PT	
3	SIM4SAFETY LDA.	PT
4	ETAIREIA MELETON YPIRESION KAI LOGISMIKOU GEOCHO	Greece
5	ETHNIKO ASTEROSKOPEIO ATHINON	Greece
6	PERIFEREIA ATTIKIS	EL
7	YPOURGEIO ESOTERIKON	Cyprus
8	ATLANTIS PERIVALLON KAI KAINOTOMIA LIMITED	CY
9	MINISTERE DE L'INTERIEUR	France

# PRE-FACE: Enhancing Preparedness Capacities for Multi-Hazard Effects through the Fusion of Geospatial and AI



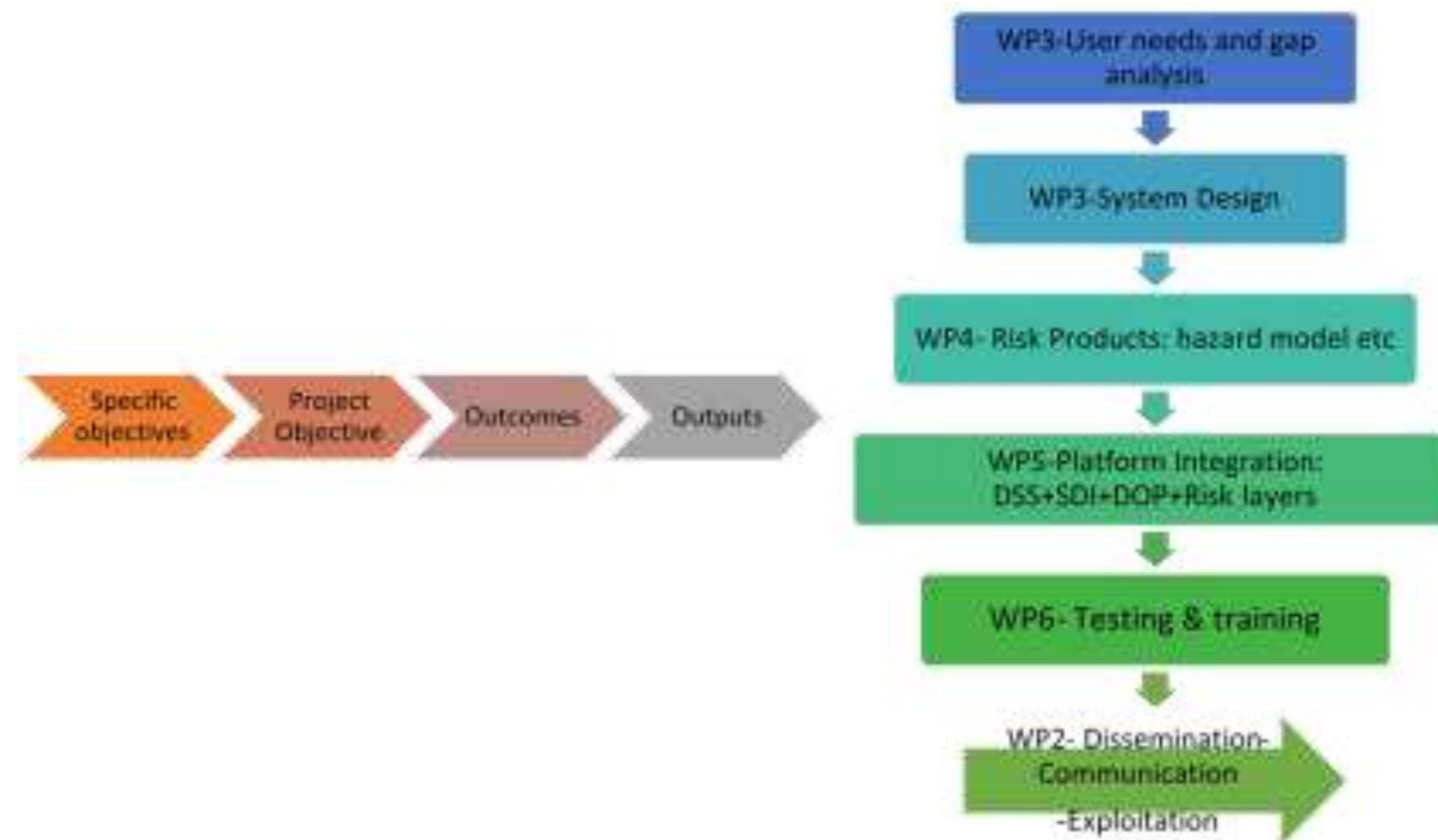
## *Work plan (risk products incorporated into a DSS)*



# PRE-FACE: Enhancing Preparedness Capacities for Multi-Hazard Effects through the Fusion of Geospatial and AI



## Work plan (risk products incorporated into a DSS)



WP1	The aim is to address all issues concerning the progress of the project, aiming at effective and timely administration for the achievement of the project objectives, in accordance with predetermined financial constraints
WP2	The aim is to ensure the widest possible dissemination and exploitation of the project's scientific and technological findings to key stakeholder groups, including the scientific community, public and private sectors, potential end-users, decision-makers and policymakers, as well as the general public.
WP3	The aim is to define the operational, technical, and user-driven foundations for the Pre-FACED platform. WP3 will gather end-user requirements, map existing hazard data, and design all core components and system functionalities that will be developed in WP4 and integrated into the platform in WP5.
WP4	The overall objective of this WP is to develop and implement the wildfire and flood risk products, predictive models, and geospatial datasets that will feed into the operational platform.
WP5	The overall objective is to develop the core components of the Pre-FACED RS-GIS-based platform and integrate all wildfire and flood modules into a functional, user-ready system
WP6	The overall objective is to demonstrate, test, and evaluate the Pre-FACED RS-GIS platform and its components in operational conditions, ensuring usability, functionality, and value for multi-hazard risk management

# PRE-FACE: Enhancing Preparedness Capacities for Multi-Hazard Effects through the Fusion of Geospatial and AI

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## ***IMPACT-Enhanced emergency preparedness and response capabilities at the project's partner Countries***

- Development and application of the Pre-FACED Platform.
  - Ensuring relevant civil protection actors in partner countries become familiar with and adopt the Pre-FACED tools and results.
  - Preparation of site-specific flood and fire simulations
  - Utilizing simulation results to assess risks to populations and property
  - Developing site-specific operational RS geodatabases for selected pilot areas.
  - Preparing a communication plan to enhance public awareness and capacities in responding to emergency events.
- 
-

## ***IMPACT-Enhanced prevention capability***

Although the project's focuses on increasing the preparedness of the CP response mechanism, its individual risk products can also enhance the prevention capabilities of CP agencies. Specifically, the project is expected to,

- 1) improve the knowledge base on disaster risks and disaster prevention policies, including at urban level, which would also contribute to better understanding of and adapting to the future impacts of climate change;
  - 2) improve the links and skills between and among relevant actors and policies throughout the disaster management cycle to meet specific Civil Protection transnational response needs;
  - 3) Improve cross-border and transnational cooperation, and
  - 4) increase the efficiency and effectiveness of disaster response needs.
-

# PRE-FACE: Enhancing Preparedness Capacities for Multi-Hazard Effects through the Fusion of Geospatial and AI

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## ***IMPACT-The proposed Decision Support System (DSS)-Risk Products***

- Demonstrating multi-hazard assessments of risks, risk management capabilities assessments, risk management planning and risk awareness campaigns, with a particular focus on regional dimensions.
  - Improving and supporting knowledge-based methodologies on risk assessments with particular focus on multi-hazard assessment, specifically the knowledge base on disaster risks and disaster preparedness policies, which would also contribute to better understanding of and adapting to the future impacts of climate change.
  - Promoting exchange of good practices and experiences of an integrated approach to risk awareness and crisis communication.
  - Promoting integration of risk assessments and risk management capability assessments into risk management planning.
  - Facilitating the preparation of multi-hazard emergency response plans.
  - Facilitating awareness raising and education of the public and organised stakeholder groups.
-

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*Thank you!*

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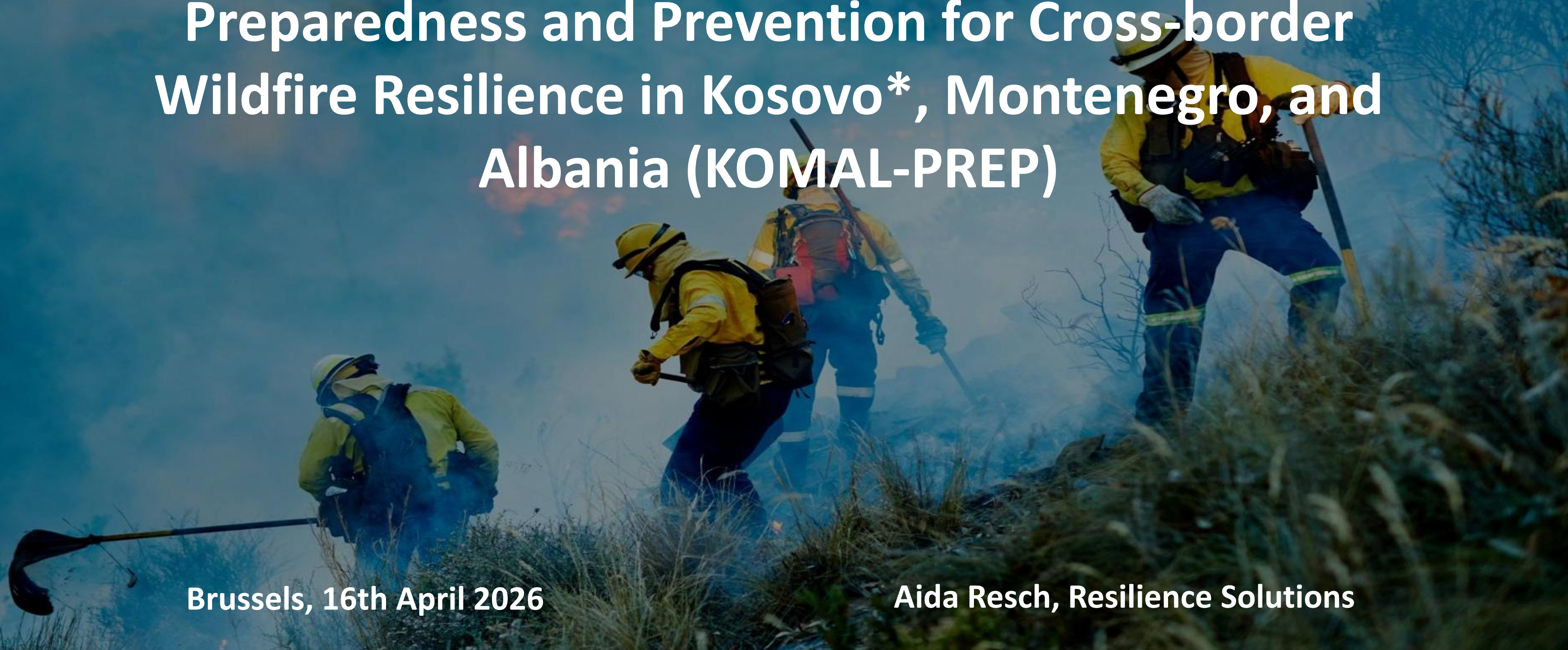
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Funded by  
the European Union



# Preparedness and Prevention for Cross-border Wildfire Resilience in Kosovo\*, Montenegro, and Albania (KOMAL-PREP)



Brussels, 16th April 2026

Aida Resch, Resilience Solutions





## OBJECTIVE

To strengthen cross-border wildfire prevention and preparedness in Kosovo\*, Albania, and Montenegro



## APPROACH

- An integrated cross-border approach to wildfire risk management
- Engaging municipalities, first responders, and communities
- To strengthen capacities, coordination, and a culture of prevention



## FUNDING & DURATION

Budget: EUR 826,955

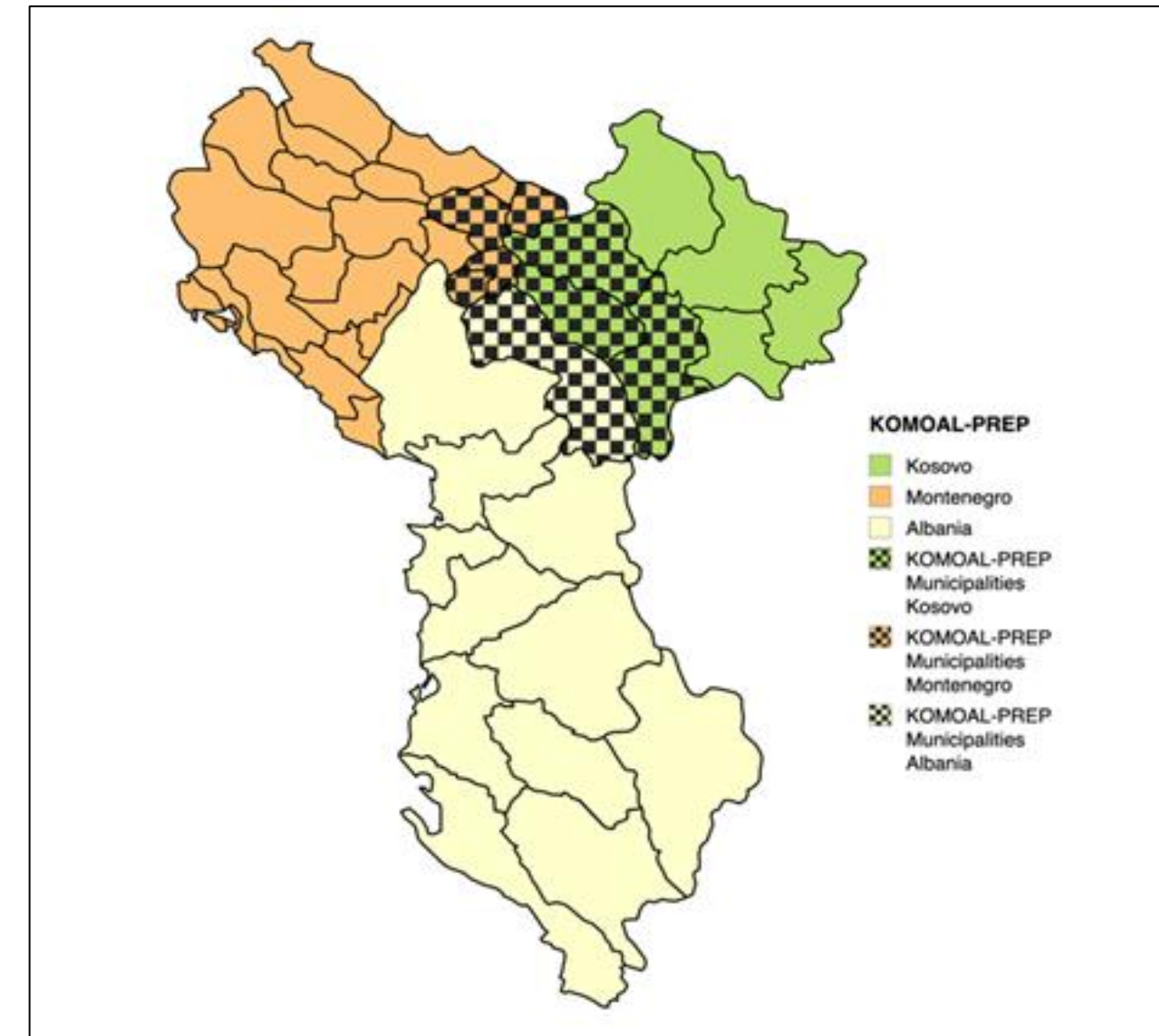
FUNDED: DG ECHO

DURATION: 24 months (April 2026 – March 2028)

- Increasing intensity and frequency of wildfires driven by **climate change**
- **Cross-border regions face added challenges** from differing regulations, strategies, and coordination, leading to fragmented prevention and delayed response
- **The Kosovo\*, Montenegro, Albania tri-border area is particularly vulnerable** due to climate pressures, unsustainable land use, institutional limitations and vulnerable population
- **Persistent capacity and coordination gaps** hinder timely and effective wildfire prevention and response across Kosovo\*, Montenegro and Albania



- The project targets a transboundary corridor encompassing **12 municipalities** across Kosovo\*, Montenegro, and Albania, covering approximately **5,600 km<sup>2</sup>** and home to over **550,000 people**
- **Kosovo\* municipalities:** Prizren, Gjakova, Junik, Deçan, Peja, Istog
- **Montenegro municipalities:** Gusinje, Plav, Berane, Rožaje
- **Albania municipalities:** Has, Tropojë



**KOMOAL-PREP primarily benefits civil protection authorities, first responders, municipalities, volunteers, and communities in wildfire-prone cross-border areas of Kosovo<sup>1</sup>, Albania, and Montenegro**

## SPECIFIC OBJECTIVES



- Build response and preparedness capacities through trainings, exercises, pilot testing, and development of DRM plans.



- Strengthen cross-border wildfire risk assessment through joint analysis of methodologies and development of shared hotspot mapping.



- Enhance early warning/early action and prevention through interoperable tools and prevention plans.



- Promote cross-border institutional cooperation, community awareness, and a culture of prevention through engagement, knowledge exchange, and targeted initiatives.



**Resilience Solutions (RSR,  
Austria) - coordinator**



**The Emergency  
Management Agency  
of Kosovo\* (EMA)**



**The National Civil  
Protection Agency of  
Albania (AKMC)**



**The Ministry of the Interior,  
Rescue and Protection  
Directorate (MoIMNE)**



**European University Cyprus  
(EUC)**



**Prime Consulting (PC,  
Kosovo\*)**



**Together For Life (TFL,  
Albania)**

# MAIN EVENTS

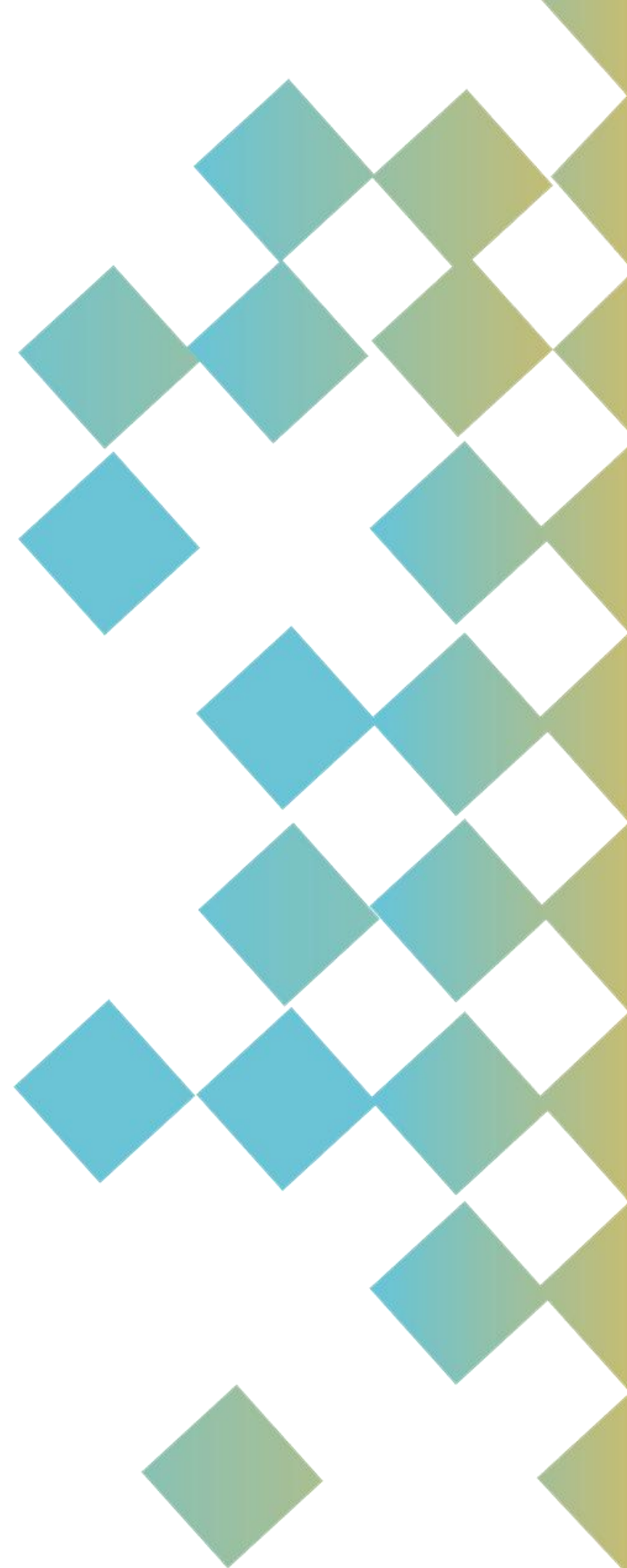
Title	Country	Proposed Dates
Stakeholders Workshop	Albania	5–9 October 2026
Training on EWS and Early Action	Kosovo*	1–4 December 2026
Training on EWS and Early Action	Montenegro	January 2027
Training on Wildfire DRM and Cross-border Coordination	Montenegro	April 2027
Knowledge Exchange Visit	Austria	May 2027
Training on Wildfire DRM and Cross-border Coordination	Albania	September 2027
Pilot Test on Early Warning and Early Action	Kosovo*	October 2027
Pilot Test on Early Warning and Early Action	Albania	November 2027
Simulation Workshop	Montenegro	December 2027
Regional Workshop/Final Event	Cyprus	March 2028



# ODET

Open **D**ecision-making system  
for enhancing Europe's  
preparedness and response  
capacities to **ExT**reme wildfires

Call: UCPM-2025-KAPP-PVPP  
Project number: 101253519



# Kick-off Meeting

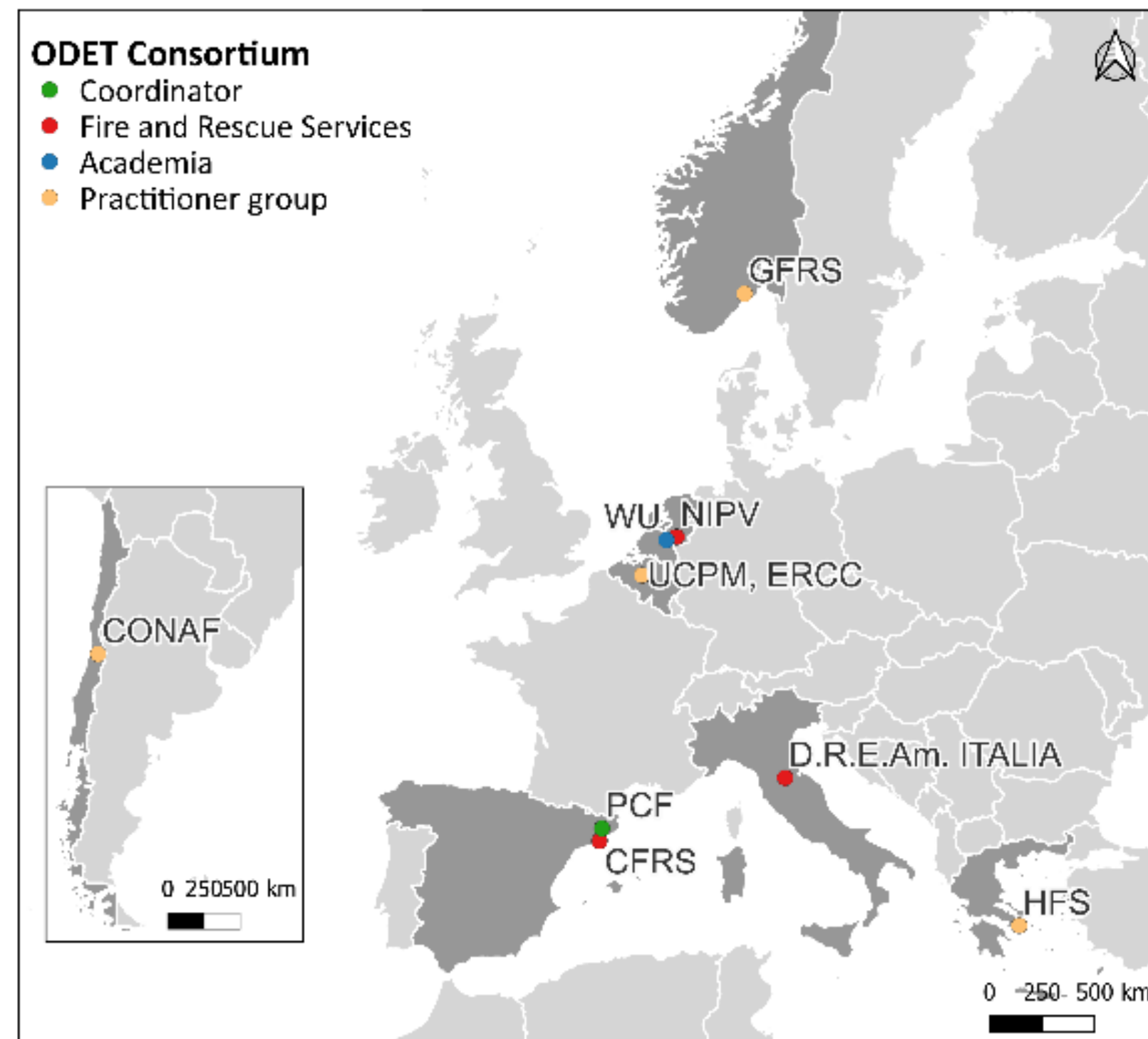
Pau Costa Foundation

April 2026

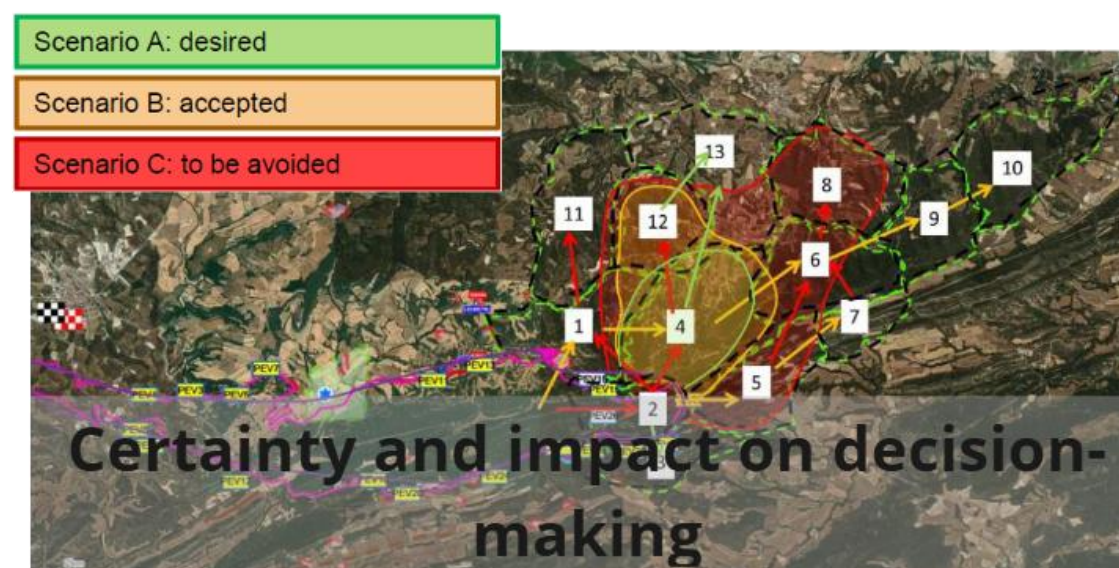
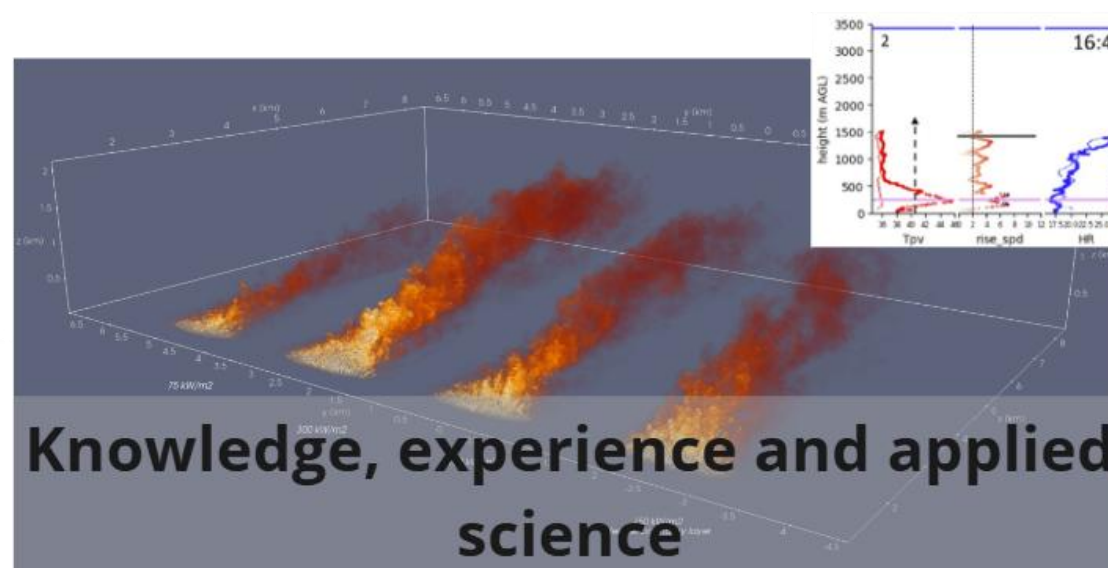


# Project factsheet

<b>Partnership</b>	5 partners 3 countries 2 Fire & Rescue Services 1 Research centres 1 training centre 1 network expander
<b>Partners</b>	Pau Costa Foundation (PCF) Catalan Fire and Rescue Service (CFRS) Wageningen University (WU) The Netherlands Institute of Public Safety (NIPV) D.R.E.A.M. ITALIA (DREAm)
<b>Total eligible costs</b>	€1,080,924.84
<b>Max grant amount</b>	€972,832.32
<b>Starting date</b>	01 Mar 2026
<b>End date</b>	28 Feb 2028
<b>Total duration</b>	24 months
<b>Call</b>	UCPM-2025-KAPP-PVPP



# Background



# Objective



Guisona Fire, Spain, 2025

**Contribute to advancing knowledge on EWEs and support capacity-building for decision-makers, while enhancing the preparedness of European emergency response organisations for complex wildfire scenarios**

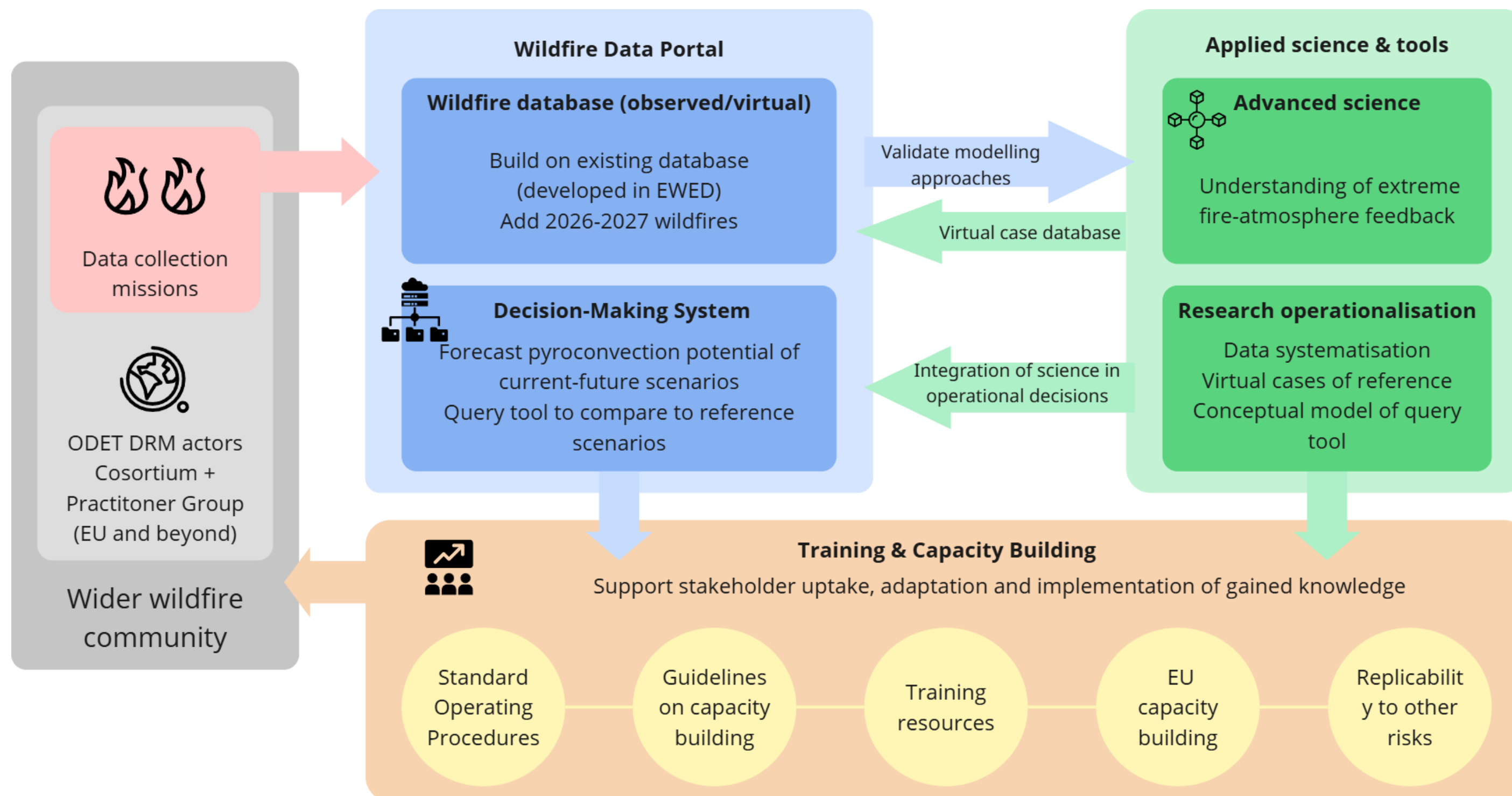
# Impact

ODET supports the European Union Disaster Resilience Goals, primarily to reduce the impacts of climate change and enhance the institutional capacity.

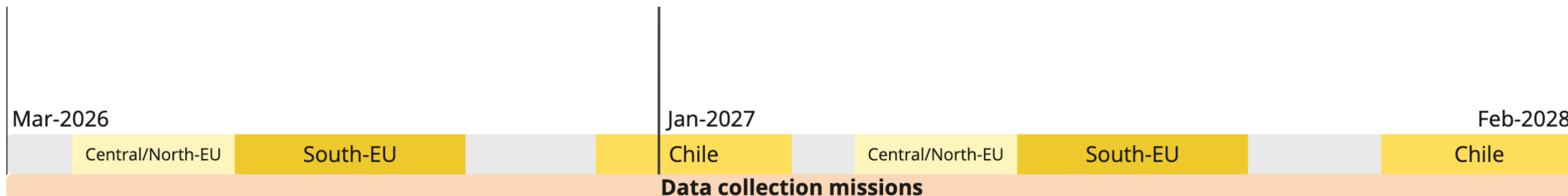
Facilitate Europe's increase in knowledge of complex wildfire events, supporting the building of competencies, skills and expertise.

- Compiles data during wildfires
- Creates novel collaborative science (research-practitioners) on pyroconvection
- Makes new knowledge available for decision-makers/researchers through an open decision-making system
- Provide a set of capacity-building tools for enhancing real-time decision-making
  - System forecasting what type of extreme events can take place

# Project concept and outputs



# Main events



**Short training/  
dissemination  
event**

**Training 1  
The Netherlands  
19-21 October**

**Short training/  
dissemination  
event**

**Training 2  
The Netherlands**





# ODET

## Thank you!

Stay tuned!



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Project number: 101253519



Co-funded by  
the European Union