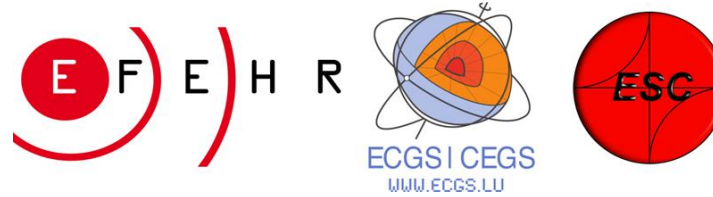


**102nd Journées Luxembourgeoises de Géodynamique
(JLG) & EFEHR Scientific Session 2024**



**UCPM EFFORTS IN ADDRESSING MULTI-RISK CROSS-BORDER
AND MULTI-COUNTRY CHALLENGES IN THE WESTERN
BALKANS THROUGH SEVERAL RECENT INITIATIVES**



Prof. Dr. Radmila SALIC MAKRESKA
r_salic@iziis.ukim.edu.mk
Deputy Director – International Cooperation & Development
EMERGE – Project Coordinator



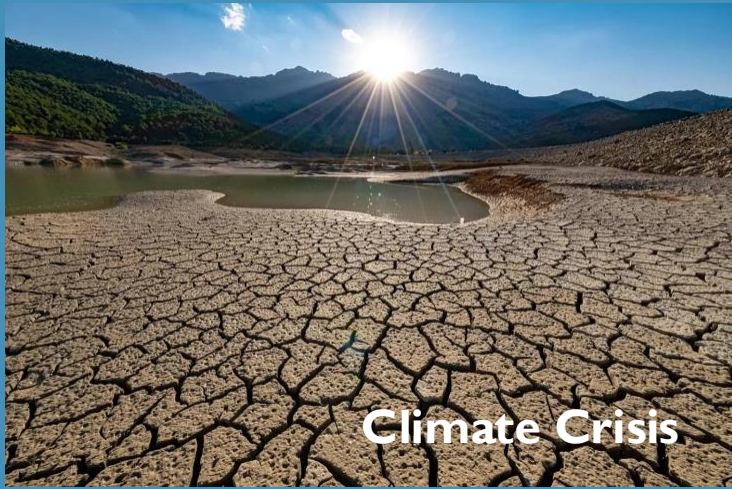
EUROPE CHALLENGES AND THREATS



Covid-19



Russia – Ukraine War



Climate Crisis



EUROPEAN COMMISSION

DISASTER RESILIENCE GOALS FOR A RESILIENT EUROPE

COMMISSION RECOMMENDATION of 8.2.2023 on Union disaster resilience goals

GOAL 1



Anticipate

Improve risk assessment, anticipation, and disaster risk management planning

Flagship initiative: 10 Europe-wide disaster scenarios covering 16 key hazards

GOAL 2



Prepare

Increase risk awareness and preparedness of the population

Flagship initiative: Pan-European awareness-raising programme for disaster resilience targeting European citizens

GOAL 3



Alert

Enhancing early warning

Flagship initiative: Link global early warning to local action in Europe

GOAL 4



Respond

Enhance the capacity of the EU Civil Protection Mechanism to respond to disasters

Flagship initiative: Scale up the strategic reserve of EU response capacities 'rescEU'

GOAL 5



Secure

Ensure a robust civil protection system

Flagship initiative: Stress-test the emergency operation centres across Europe

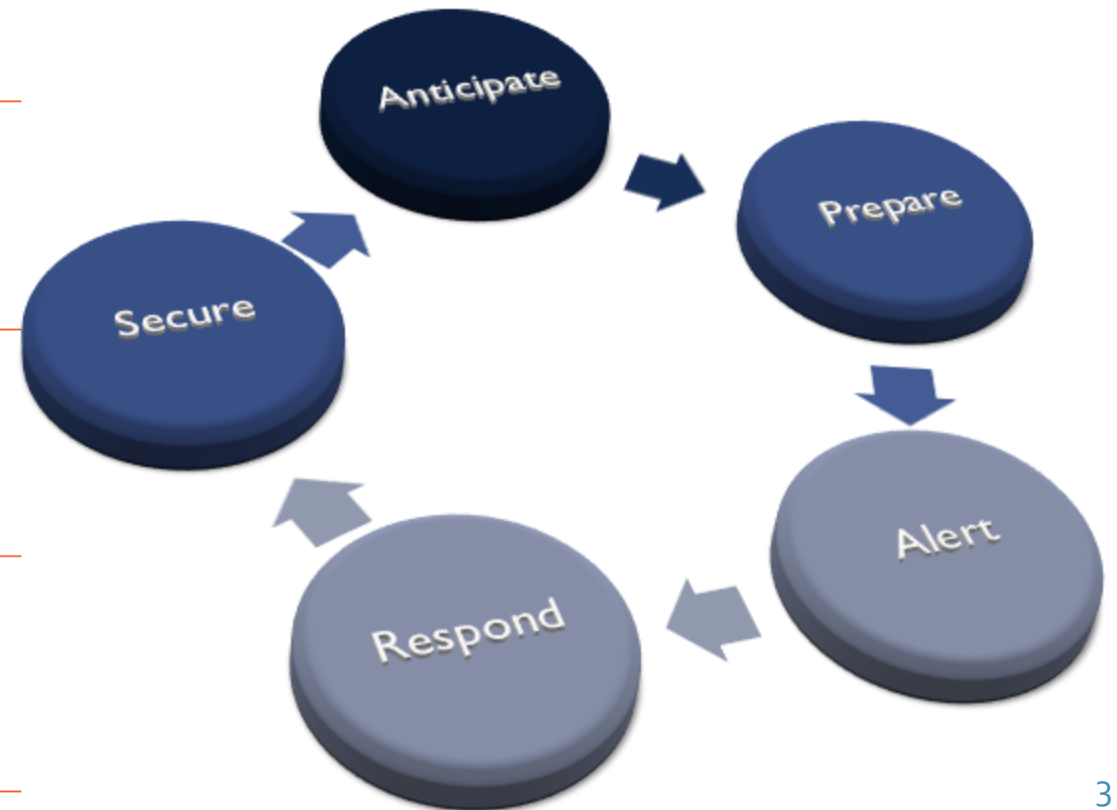
To strengthen Europe's disaster resilience, the Commission emphasizes two key priorities:

Unified Action:

A coordinated EU response is stronger than isolated efforts.

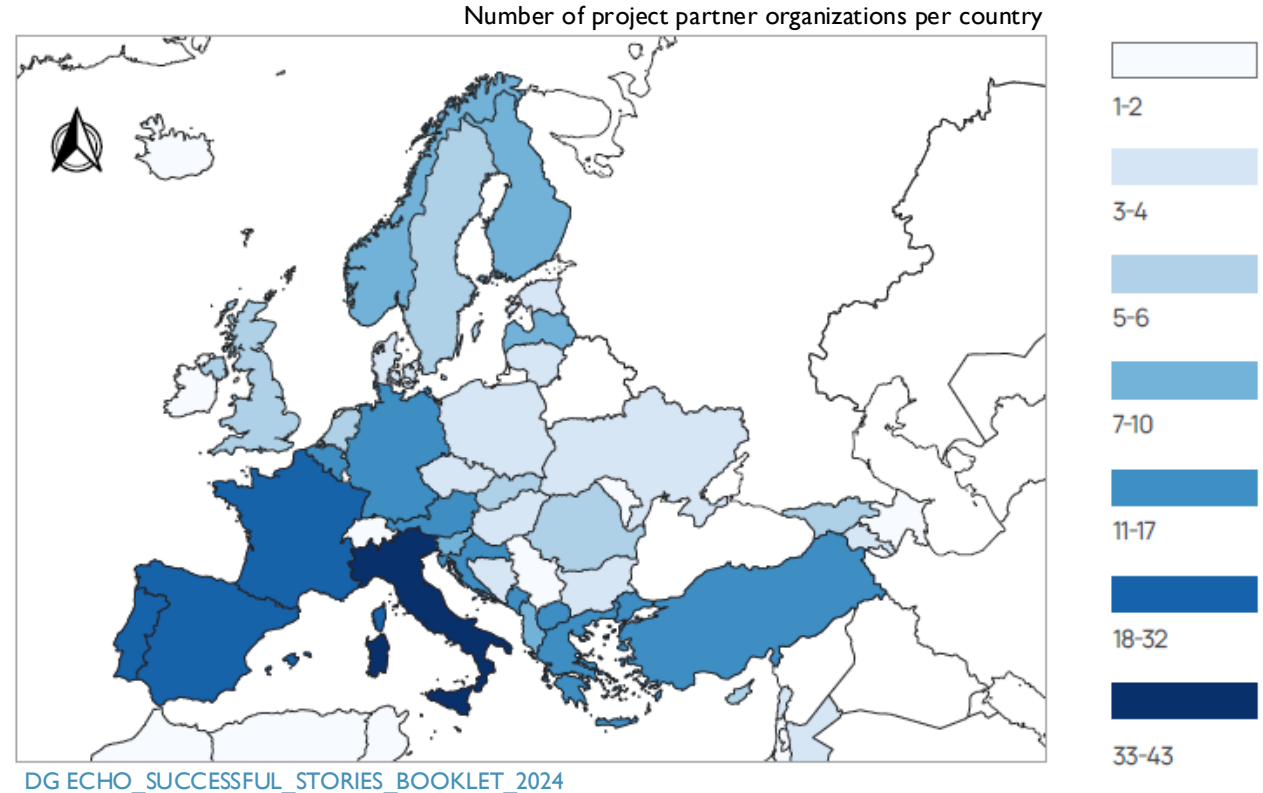
Preparedness:

Acting before disasters strike is essential.



The UCPM's financing for prevention and preparedness aims to achieve the following key objectives:

- Enhancing cross-border protection against disasters
- Implementing EU disaster resilience goals
- Capacity building
- Fostering knowledge partnerships
- Raising community awareness

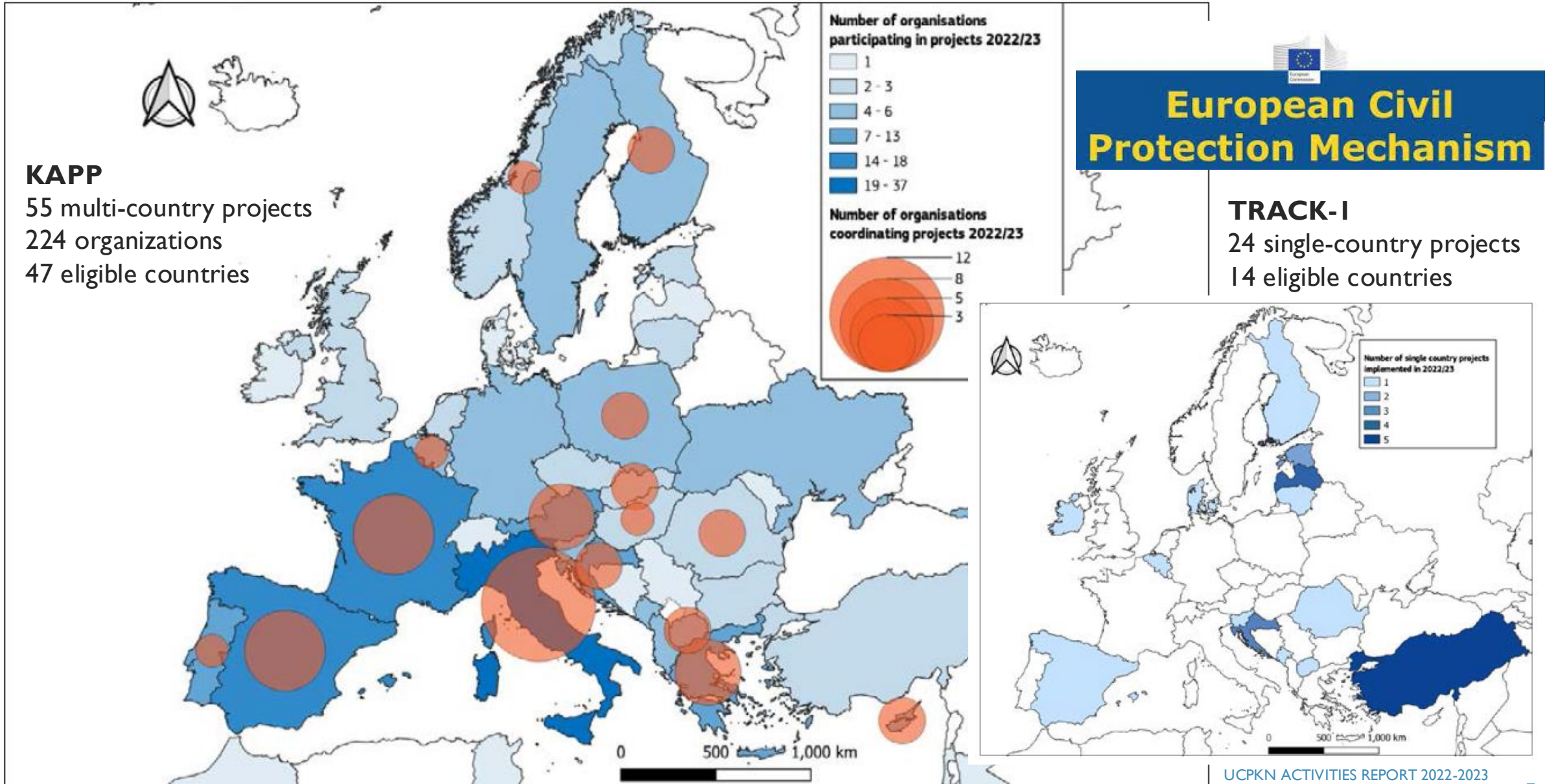


The UCPM offers funding opportunities through annual calls for proposals:

1. Technical Assistance for Disaster Risk Management (Track I)
2. Knowledge for Action in Prevention and Preparedness (KAPP)



UCPM PROJECTS INVOLVEMENT (2022-2023)



- Disasters in the Balkans highlight the urgent need for improved disaster prevention and response.
- Efficient allocation of resources is critical for effective emergency management.
- Enhancing regional disaster resilience through rapid needs assessment is essential.



The inability of people, organizations and systems, using available skills and resources, to face and manage adverse conditions, emergencies or disasters.



CONTINUOUS IMPROVEMENT IN DRR



Increased Resilience of Critical Infrastructure to Natural and Human-Induced Hazards (INFRA-NAT)



2020-2022



Learn to be Resilient (L2BR)



2022-2024

Multy-Country



Civil Protection Humanitarian Aid

2025-2027

2017-2019

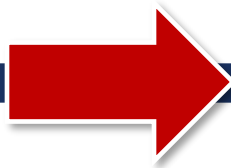


Comprehensive Risk assessment of basic services and transport Infrastructure (CRISIS)



2021-2022

Integrative Strengthening of Seismic Risk Awareness (ISRA)



Rapid Multi-Risk Needs Evaluation and Planning Platform (EMERGE)



CB + Multy-Country



- Objective: To develop a platform that provides rapid multi-risk assessments and guides effective disaster response.

- Title: Rapid Multi-Risk Needs Evaluation and Planning Platform (EMERGE)

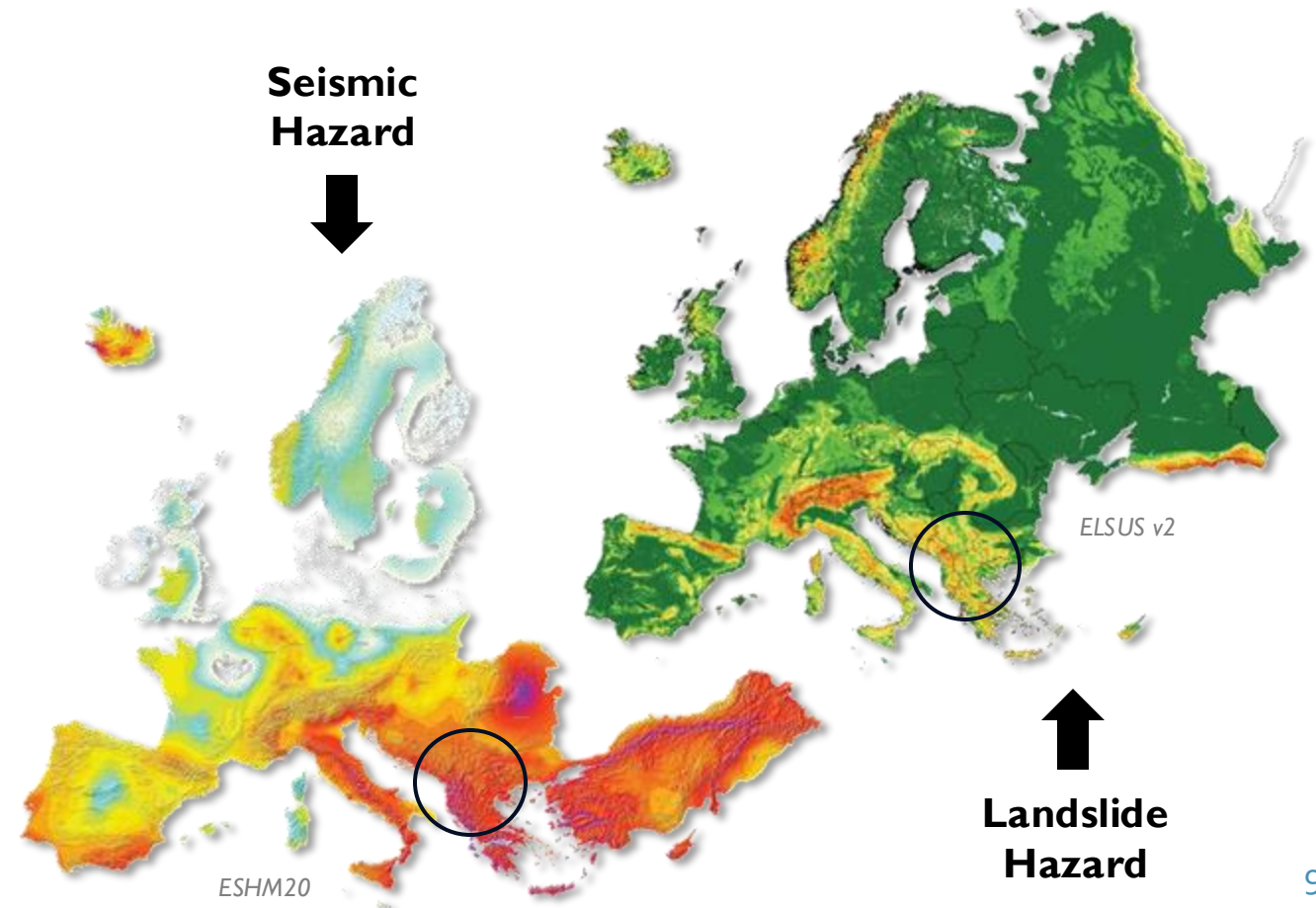
- Duration: February 2025 – January 2027

- Budget: €1,007,867.24

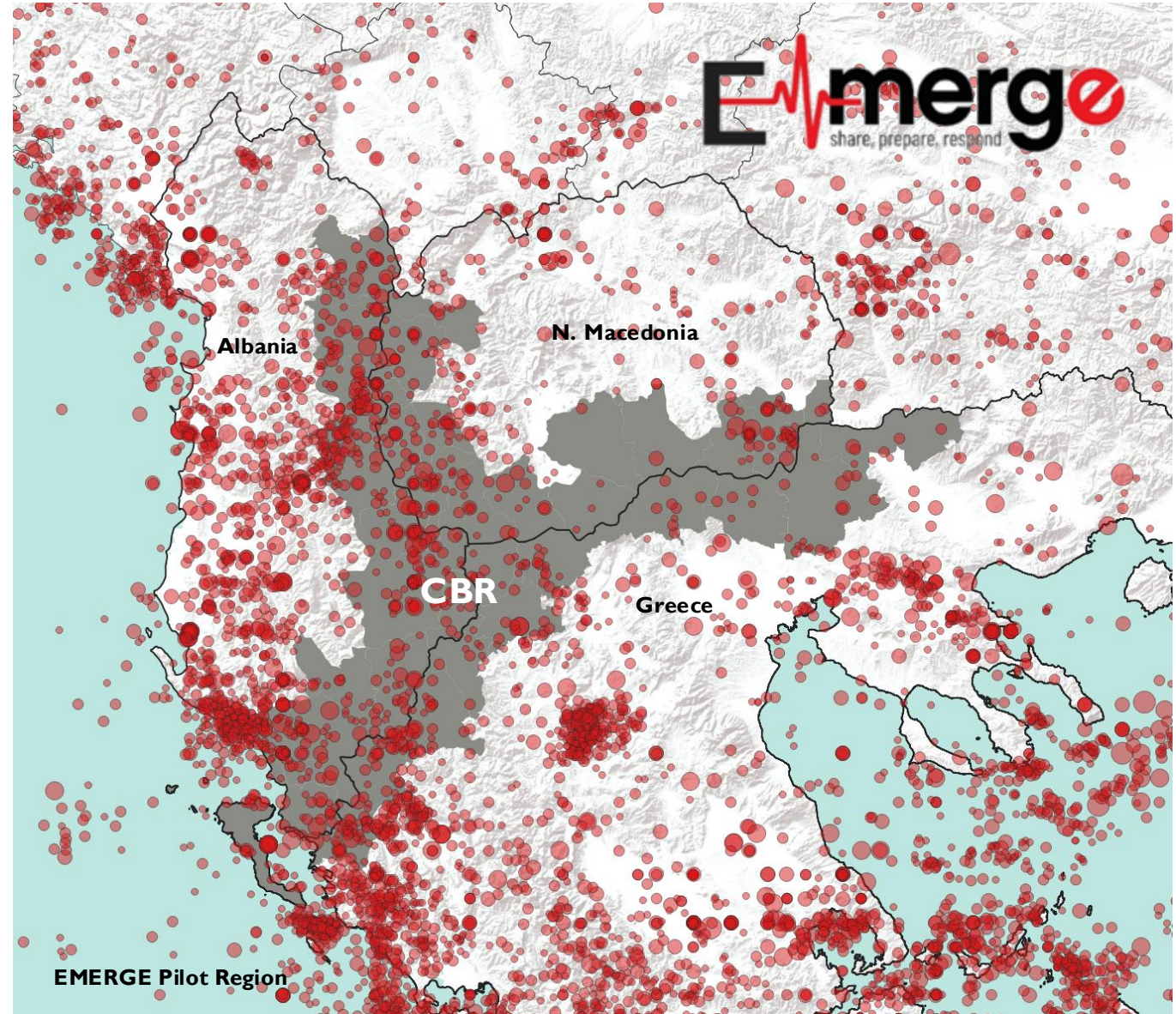
Partners: Involves institutions from North Macedonia, Albania, Greece, Italy, Germany, and the Netherlands.



EU UCPM-2024-KAPP

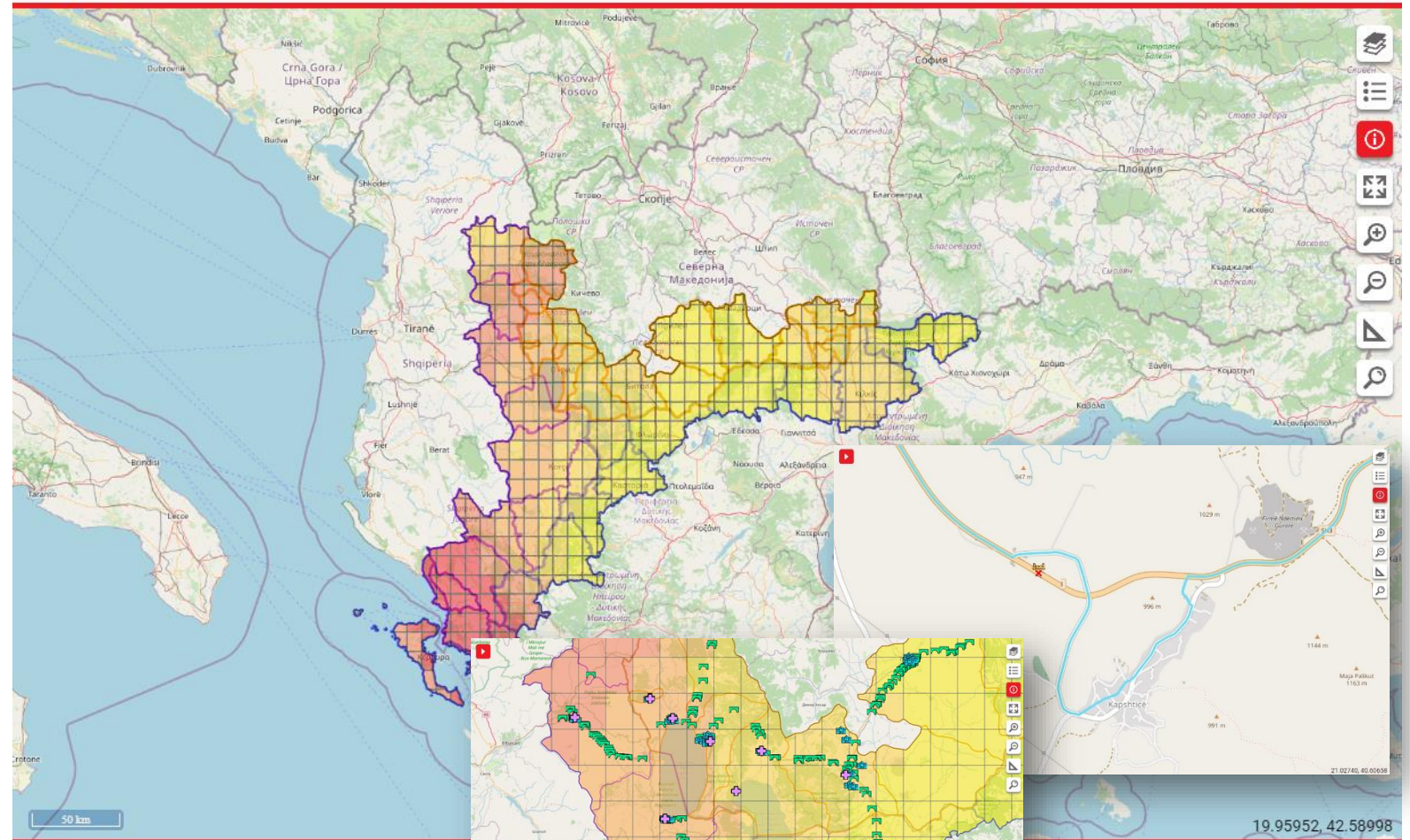


- The 2023 EU disaster resilience goals - the need for rapid, reliable information during disasters.
- Past recent earthquake and landslide events in CBR countries.
- Further improving risk evaluation and needs prioritization.



Extension of CRISIS platform:

- NRT seismic and landslide risk evaluation.
- Rapid needs assessment.
- Prioritization of resources for national and regional response efforts.



Comprehensive **RISk** assessment of basic services and transport **InfraStructure**



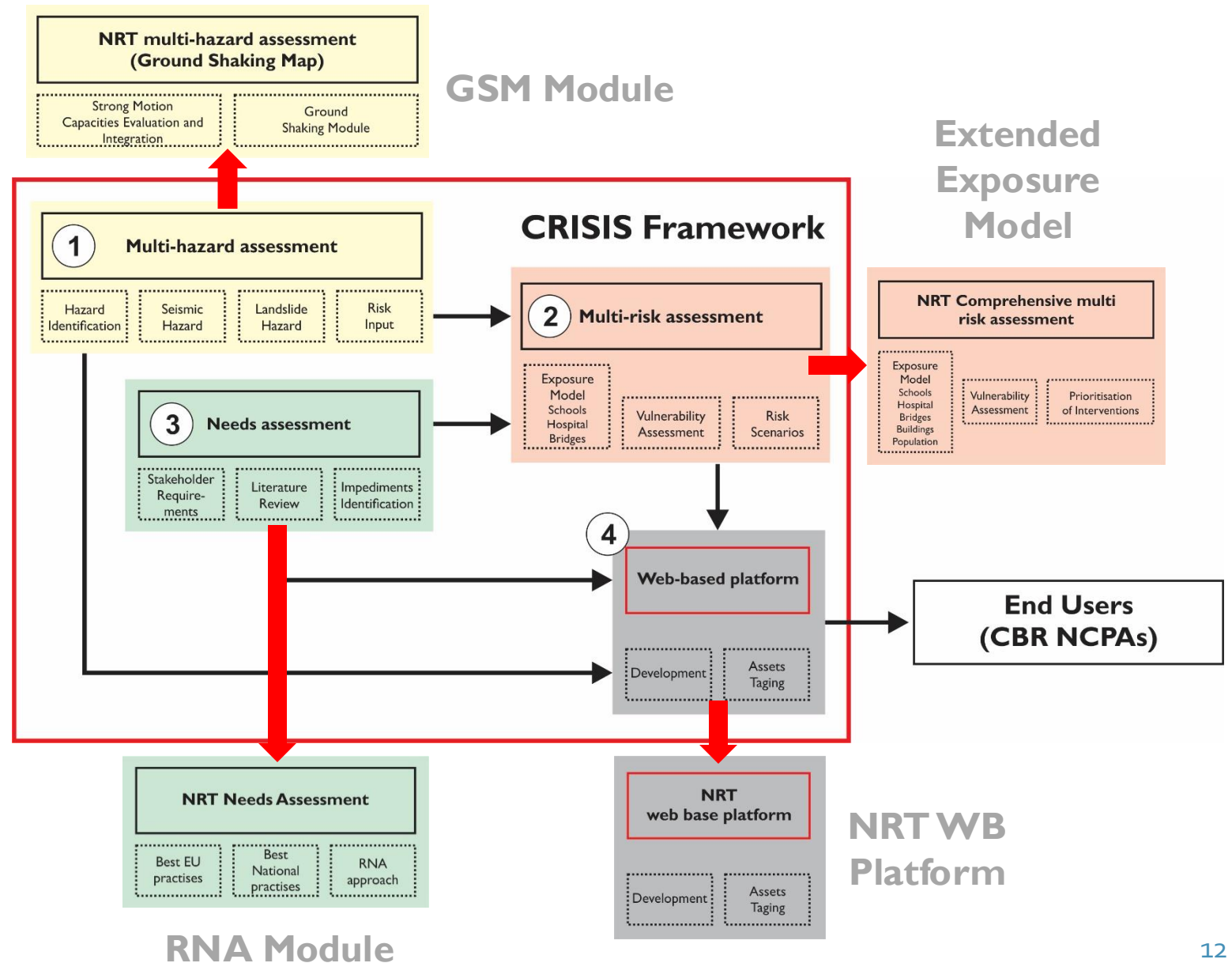
Four Main Domains:

Multi-hazard assessment
 —> NRT multi-hazard assessment

Multi-risk assessment —>
 NRT comprehensive multi-risk assessment

Needs assessment —>
 NRT Needs assessment

Web-based platform (CRISIS) —>
 NRT Web-based platform (EMERGE)



- Improved risk assessment methodologies of relevance for the UCPM, including to measure and enhance the understanding of the impact of current and future disasters.
- Improved DRM planning tools.
- Open-source IT platform for data-sharing.



© EU/ECHO/Ezequiel Scagnetti

Key End Users:

Civil Protection Agencies, Crisis Management Centers, Local authorities.

Stakeholder Engagement:

End-users involved from the start to ensure the platform meets practical needs.



CRISIS
MANAGEMENT
CENTRE



PROTECTION
AND RESCUE
DIRECTORATE

N. MACEDONIA



CIVIL
PROTECTION

GREECE



NATIONAL
CIVIL
PROTECTION
AGENCY

ALBANIA



PARTNER INSTITUTIONS

Ss. Cyril and Methodius university in Skopje, Institute of Earthquake Engineering and Engineering Seismology, N. Macedonia (IZIIS) *Coordinator*

European Centre for Training and Research in Earthquake Engineering, Pavia, Italy (EUCENTRE)

Aristotle University of Thessaloniki, Greece (AUTH)

Polytechnic University of Tirana, Faculty of Civil Engineering, Albania (UPT-FCE)

University School for Advanced Studies Pavia, Italy (IUSS)

Crisis Management Centre, Government of Republic of N. Macedonia (CMC)

Protection and Rescue Directorate, Government of Republic of N. Macedonia (PRD)

Nacional Civil Protection Agency of Albania (AKMC)

National Observatory of Athens, Greece (NOA)

Prepared International, Samerberg, Germany (PPI)

Janson Bridging International BV, Netherlands (JBI)

Infratech sh.p.k. Tirana, Albania (INFRATECH)



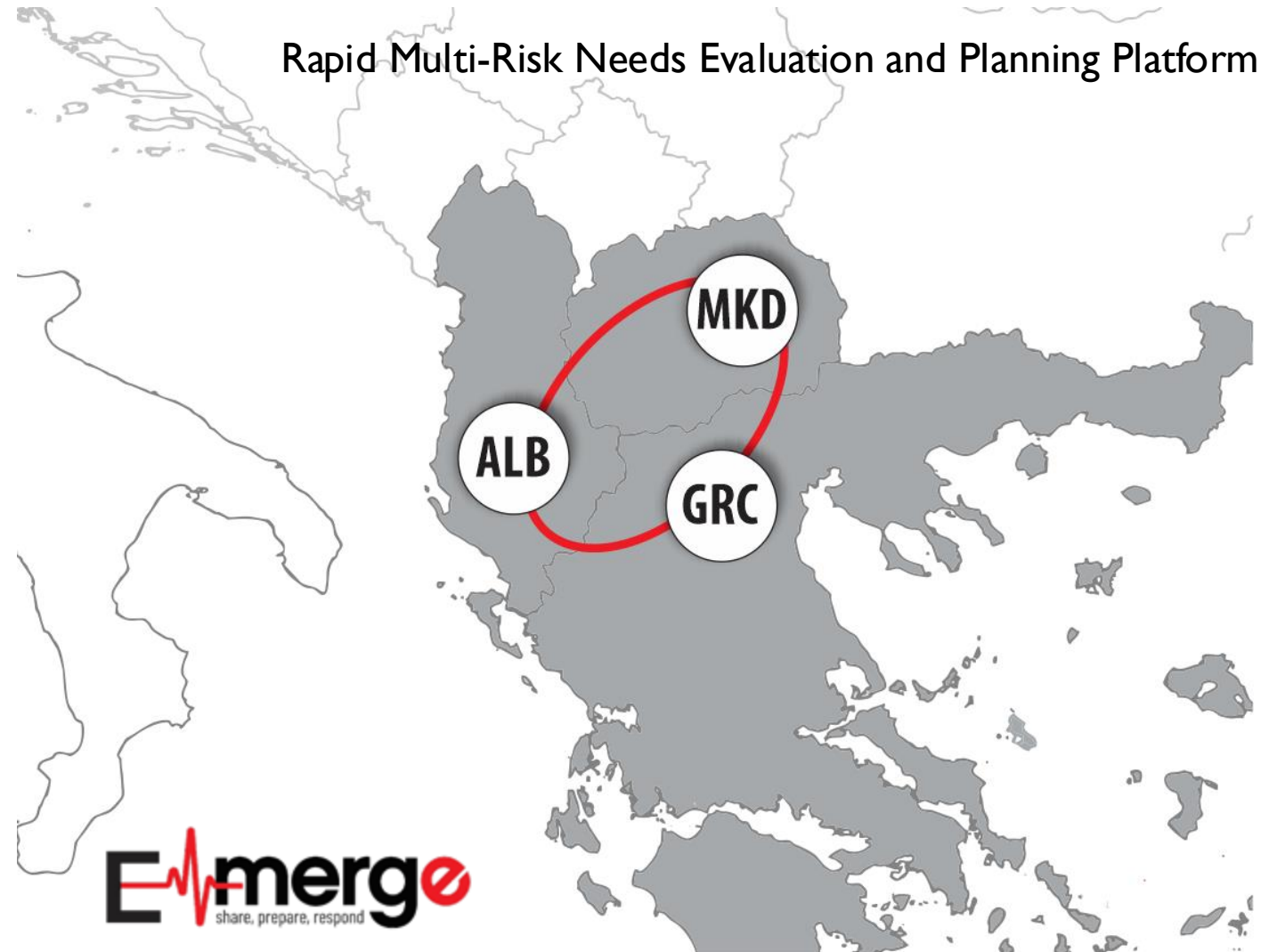
Conclusion:

EMERGE will strengthen disaster prevention, response, and resilience across multiple countries.

Future Work:

Scaling the platform, integrating more hazards and exposure elements, and enhancing cross-border cooperation.

Rapid Multi-Risk Needs Evaluation and Planning Platform





THANK YOU !

*By failing to prepare, you are preparing to fail
– Benjamin Franklin*