



EUROPEAN UNION



# EU MISSIONS

**ADAPTATION TO CLIMATE CHANGE**

Prisca Haemers— 26.03.2025

*European Commission – DG Research and Innovation*



**#EUmissions #HorizonEU #MissionClimate**



# EU Adaptation Strategy

*Vision: by 2050 the EU will be a climate-resilient society, fully adapted to the unavoidable impacts of climate change*

## Objectives:

- **Smarter adaptation:** improving knowledge and managing uncertainty
- **More systemic adaptation:** support policy development at all levels and sectors
- **Faster adaptation:** speeding up adaptation across the board
- **Stepping up international action** for climate resilience





# European Climate Risk Assessment (EUCRA)

“These (extreme weather) events, combined with environmental and social risk drivers, pose major challenges throughout Europe. Specifically, they compromise food and water security, energy security and financial stability, and the health of the general population and of outdoor workers; in turn, this affects social cohesion and stability.”

*EEA (2024)*







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# Mission Charter signatories

- **311 regions, cities and local authorities;**
- Signatories in **29 countries**
  - 25 Member States
  - 4 associated countries;
- ~40% of European population;
- **Diverse** range of types and population sizes.

[Full list of signatories](#)

[Analysis of information provided by the signatories of the charter of the Mission Adaptation to Climate Change](#)

EU MISSIONS

ADAPTATION TO CLIMATE CHANGE



Large regions



Cities



Provinces



Municipalities



Capitals

## MAP OF EUROPEAN CHARTER SIGNATORIES

EU Mission on Adaptation to Climate Change

Entire territorial entity signed  
One or more entities within the territory signed

Madeira (PT)

Canary Islands (ES)

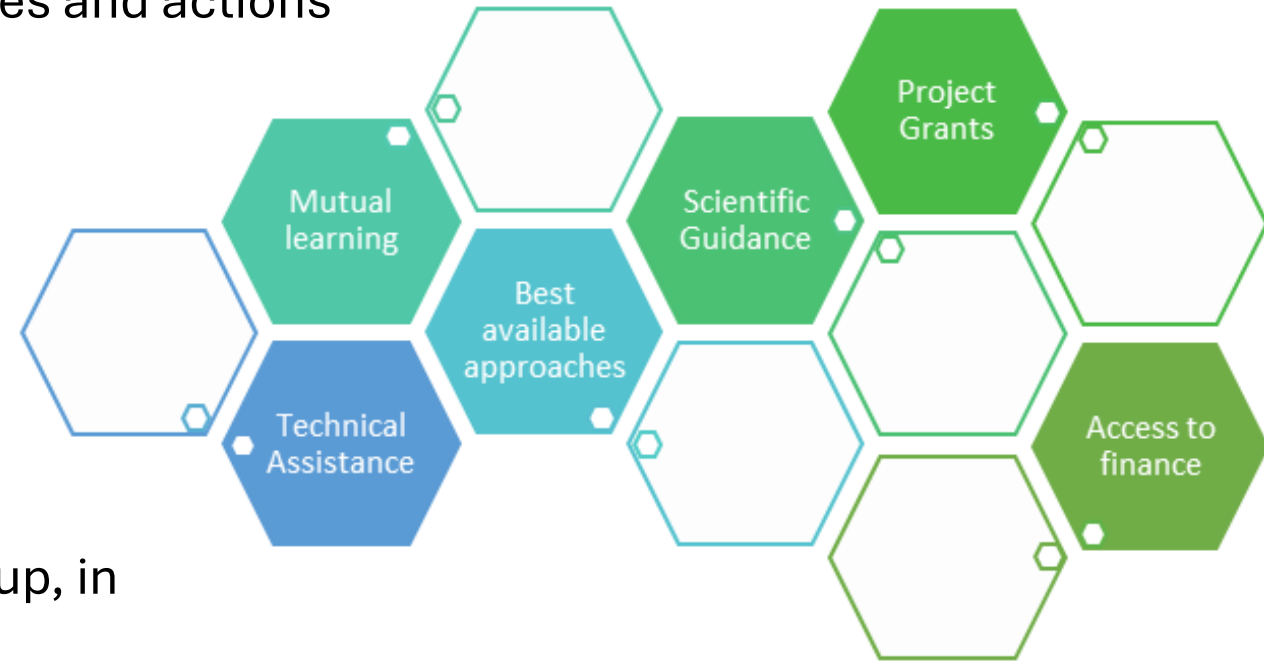
0 500 1000 km



## How does the Mission support the regions and the local authorities?

1. Technical Assistance in local languages: to conduct climate risks assessment and to develop adaptation measures and actions
2. Best available climate adaptation approaches
3. Scientific guidance and support
4. Project Grants (450+ million EUR):  
40+ projects involving regions, cities and local authorities

1. Facilitate access to climate financing for scale up, in collaboration with the EIB





# Regional and local authorities involvement

Number of Projects

43

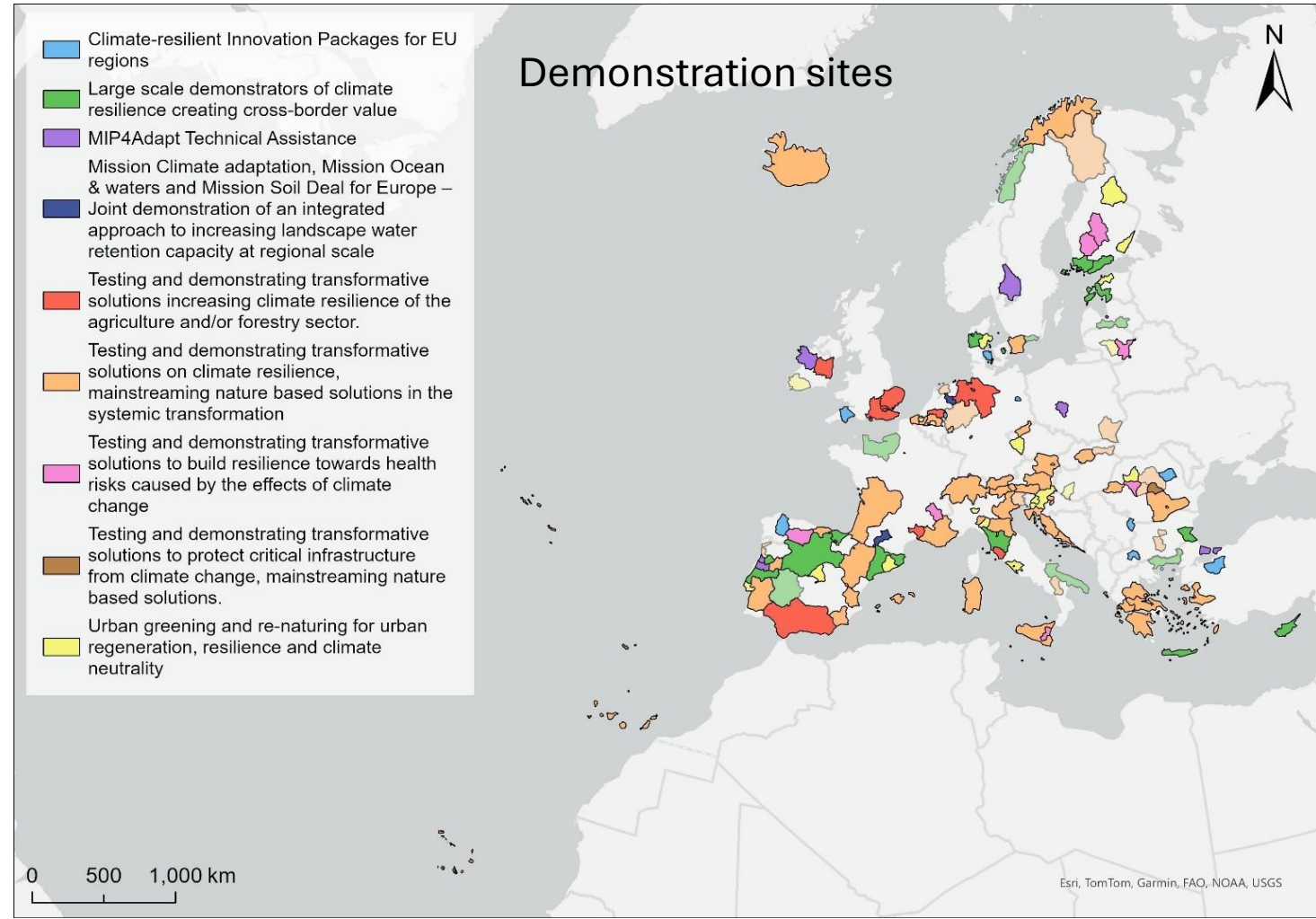
EU financial contribution (euro)

430.9M

Participations

1.12k

- 23 ongoing demonstration projects
- 177 regions/local authorities involved





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# Examples with regions: research & innovation action

**Topic:** Unlocking of financial resources for investments into climate resilience (2022 call )



- Financing adaptation to climate change
- 20 innovative investment strategies
- 10 concrete & scalable investment plans
- 4 bankable transformational investment cases

## Public authorities in the project

Strasbourg.eu

Porto.



Liberec

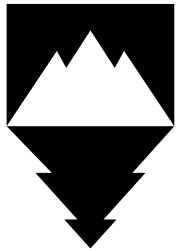






# Examples with regions: innovation action

**Topic:** Testing and demonstrating transformative solutions on climate resilience, mainstreaming nature based solutions in the systemic transformation (2022 call)



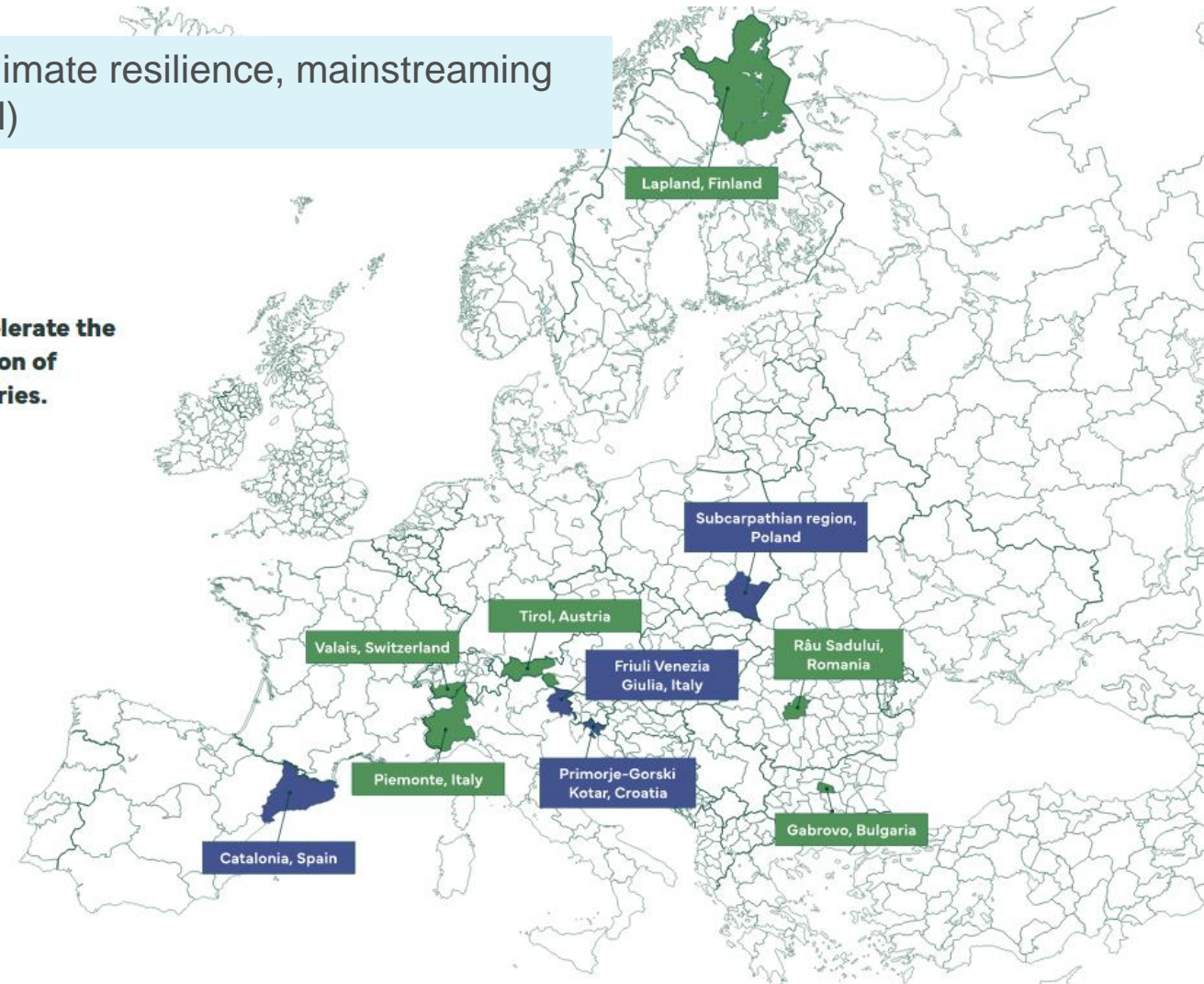
## MOUNT RESILIENCE

### Regions involved

MountResilience aims to accelerate the climate resilient transformation of mountain areas of 9 EU countries.

- Regional demonstrator sites
- Regional replicator sites

- Solutions for Resilient communities in Mountain
- 10 regions

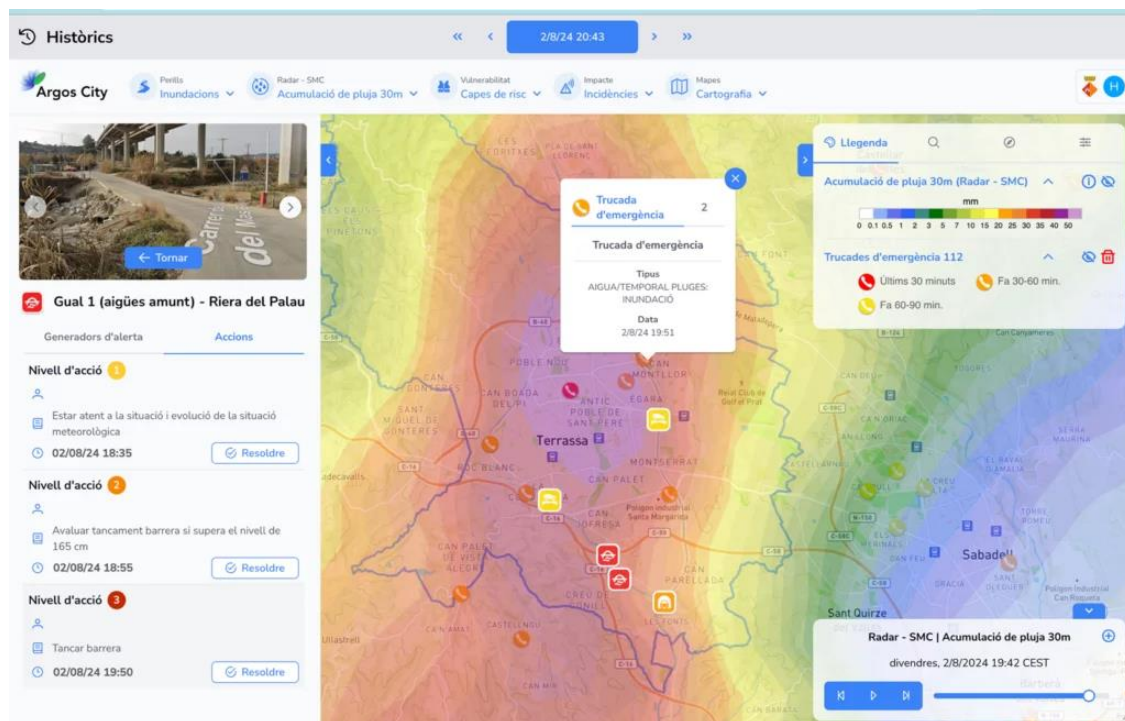






## Digital tools for early warning

On 2 August 2024, intense storms hit the city of Terrassa. In this case, the Argos system issued early warnings for several of the city's critical elements, in particular for the fords that cross the Palau stream. In addition, the alerts included data from calls to the emergency number 112, allowing a better understanding of the impact of the rains on the municipality. The integration of this data was very useful for the management of the event.



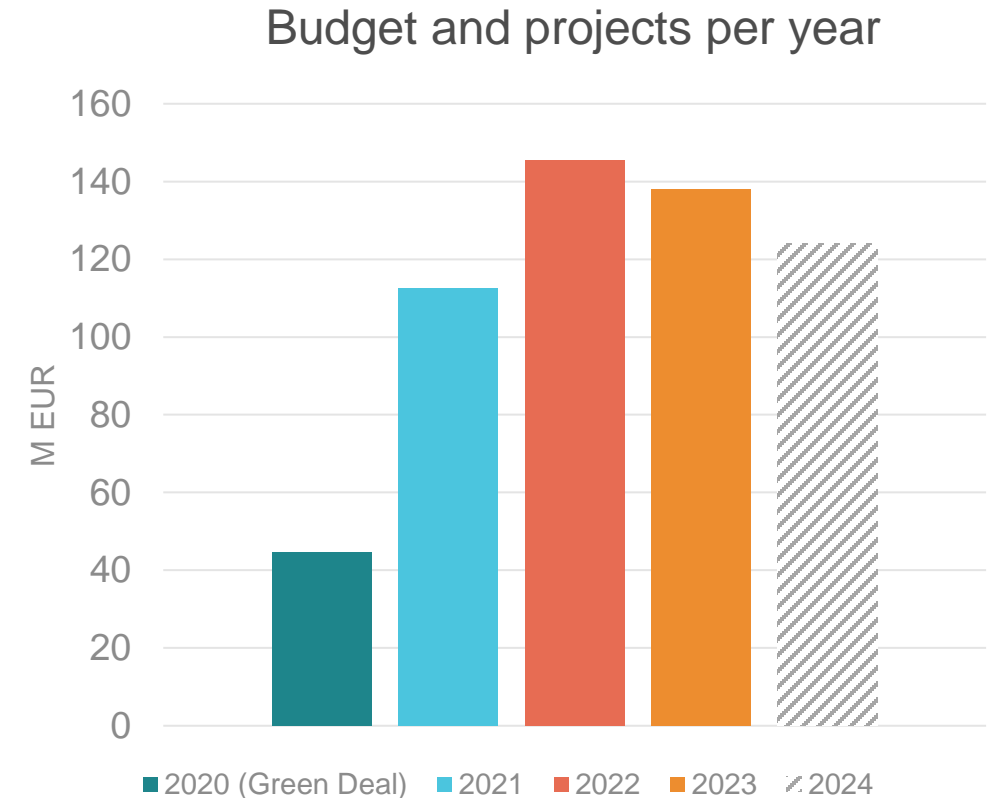
## Augmented Reality for Awareness





# Horizon Europe – Mission adaptation calls

- ~120 M€ per year
- Typical timing for the calls
  - opening in Spring
  - Online info session organised
  - closing in Autumn
  - Result of evaluation by end of the year
  - Start of project June-September
- **next call** should
  - open in Spring 2025
  - Matchmaking session likely organised by MIP4Adapt. Stay tuned





# Support to the regions



**CLIMAAX**  
climate ready regions

## CLIMAAX: climate risk assessment at regional level

Harmonized framework ,Toolbox

**Support regions** to conduct climate risk assessments Up to 300,000 € Min 50 regions Priority to vulnerable regions



## P2R: Pathways towards climate resilience

Produce a framework and guidance material

**Support regions** to Identify and plan resilience strategies and Capacity building programme Up to 200,000 € to regions 100 regions

- 2<sup>nd</sup> call opening in summer 2025



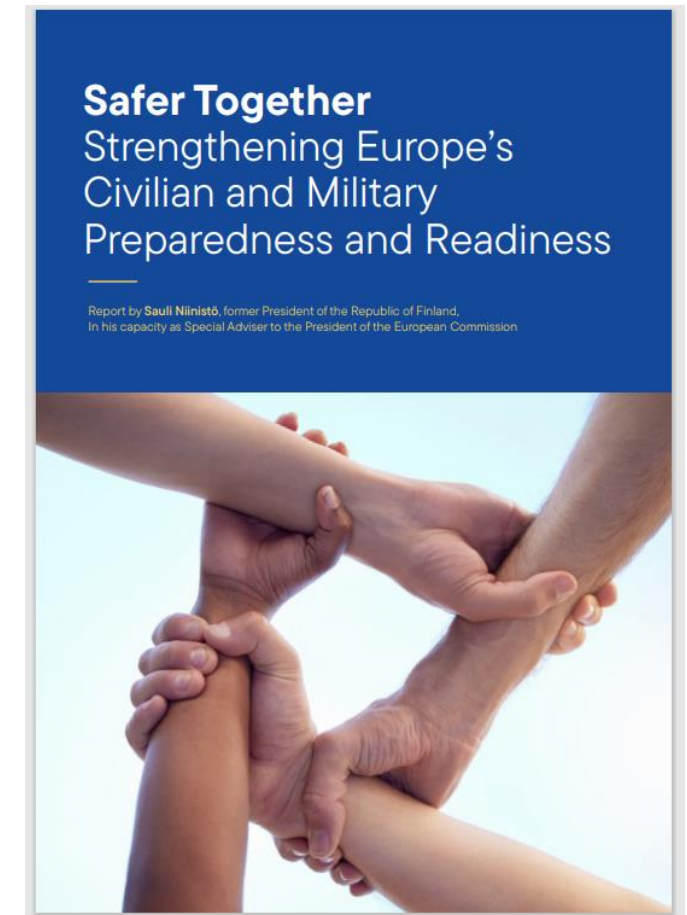


## What is next

**Safer Together Strengthening Europe's Civilian and Military Preparedness and Readiness** Report by Sauli Niinistö,

- → The twin climate-environmental crisis will bring more disruptions to our daily lives.

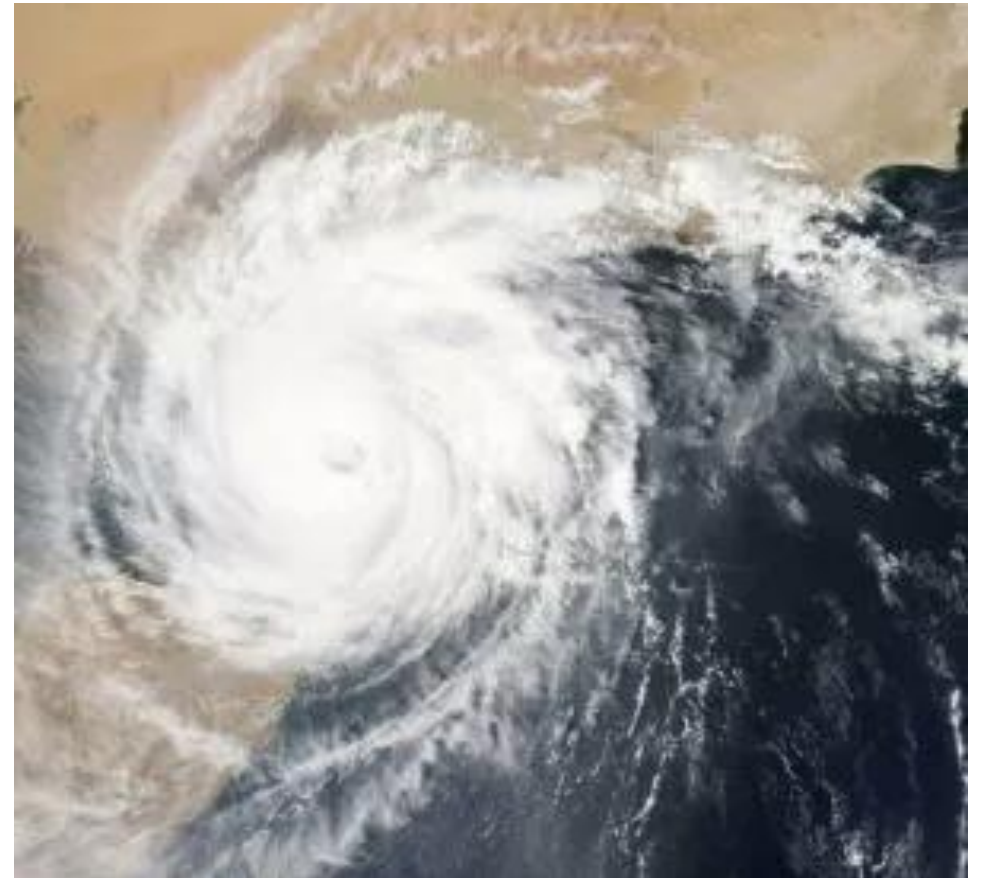
The EU's first-ever **European Climate Risk Assessment** report, published in March 2024, warns of the progressive impact of climate-related hazards (e.g. heatwaves, prolonged droughts and floods) in **interaction with non-climatic** risk drivers to threaten Europe's **ecosystems, food security, public health, infrastructure and economy**.





# Preparedness and Readiness DRM and ACC

- What are the needs of Civil protection community to address local climate risks?
- Who do you share the information of the climate risks in your country / region?





# Follow the Mission

## Social Media



@MIP4Adapt



@Mission Implementation  
Platform for Adaptation to  
Climate Change (MIP4Adapt)

## Mission Newsletter

The monthly newsletter allows readers to keep up to date with the latest activities from MIP4Adapt, the Mission Projects and the most recent developments in climate adaption. **Submit your content** for consideration in the next issue!



## Europa webpage

Adaptation to climate change - European Commission (europa.eu)





# Resources and websites

## National Contact Points (NCPs)

- Support to applicants

<https://horizoneuropencpportal.eu/ncp-networks/eu-missions/find-your-ncp>

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp>

**Funding & Tender Portal:** <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon>

- shows all the open calls (including cascade funding)
- Has find partner function

**Horizon Europe Programme Guide:** [https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide\\_horizon\\_en.pdf](https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/guidance/programme-guide_horizon_en.pdf)

**Common mistakes to avoid when applying for Horizon Europe funding** by the European Research Executive agency





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# Thank you!

**#EUmissions #HorizonEU #MissionClimateAdaptation**

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