CLIMAAX

CLIMate risk And vulnerability
Assessment framework and toolbox

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POLAND25.EU

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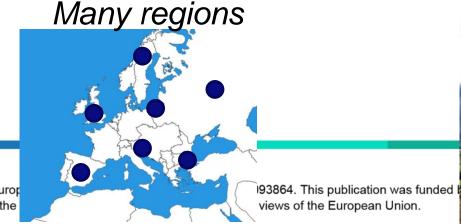


EU Mission on Adaptation

Support 150 European regions in becoming climate resilient

Project duration 2023 – 2026:

- Development of Climate Risk Assessment (CRA) Toolbox and Framework
- Cascading fund to enable >60 climate risk assessments by EU regions



Many challenges

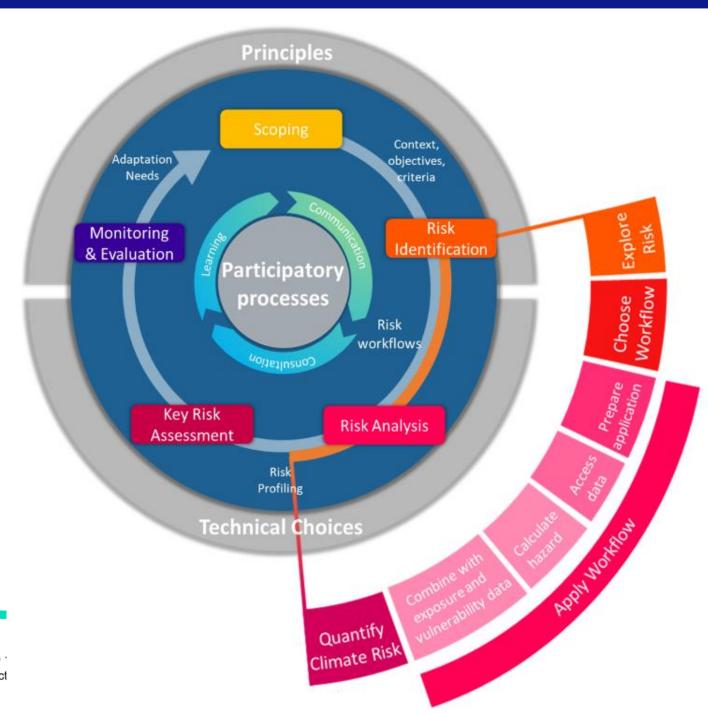


The three pillars of CLIMAAX

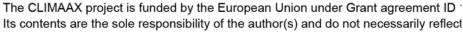


CLIMAAX CRA Framework

- Operational steps of *iterative* climate risk assessment
- Participatory apprach need for local knowledge
- Building upon EU RAST and others
- Framework steps connected to CLIMAAX CRA *Toolbox*







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About us

The CLIMAAX project

How to start

CRA steps

What is the CLIMAAX Framework?

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Before you start

Scoping

Risk Exploration Risk Analysis

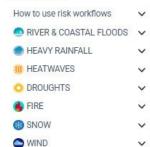
Key Risk Assessment

Monitoring and Evaluation

Integration in Climate Risk

Management

Risk workflows



Resources

Support

Guiding questions and answers

FAQ

Glossary

Dashboards and explorers

Software

Datasets



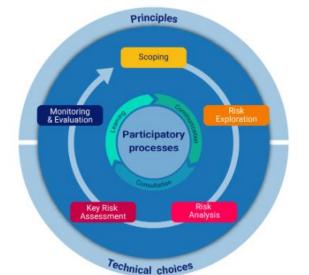
What is the CLIMAAX Framework?

The CLIMAAX Framework is designed to empower regions to conduct inclusive and harmonised Climate Risk Assessments (CRAs). It translates the ambitions of the EU Mission on Adaptation towards transformational adaptation strategies that build resilience into practice by supporting the advancement and implementation of climate risk assessments.

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The Framework proposes to adhere to key principles such as social justice and equity, puts participatory processes central to the process, and provides guidance on the selection of sound technical choices for conducting climate risk assessments. The Framework consists of a five-step process (see Fig. 1) which forms an iterative cycle. The goal of the CRA Framework is to inform Climate Risk Management (CRM) strategies.

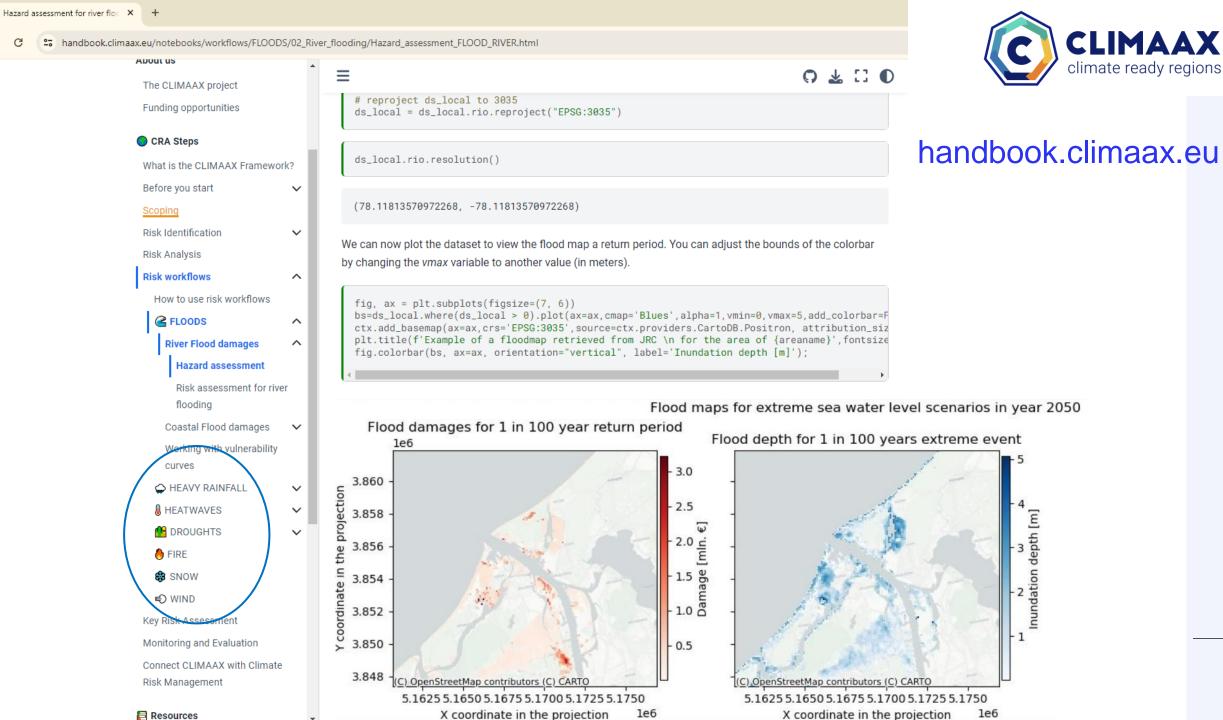


CLIMAAX climate ready regions

https://handbook.climaax.eu/

The pillars of CLIMAAX





CLIMAAX Handbook

- Operational since September 2024
- All open source
- User can run and modify workflows to the regional needs
- Regularly updated based on user feedback
- Access to large set of climate datasets and indicators

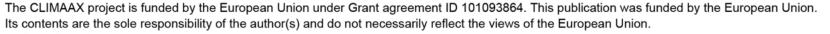












Catalunya - Department of the Interior and Public Security

- Projections on how phenomena could potentially change (frequency, duration, intensity) to reinforce preparedness and response
- Preparing messages and relevant visuals of results together with stakeholders to facilitate disclosure and use of results.





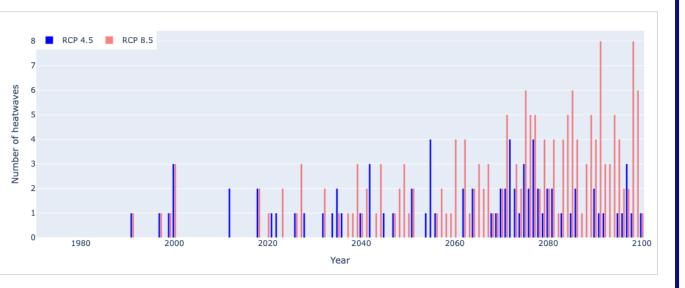




Catalonia pilot – study of wildfires

Heatwaves

- Change in nr of heatwaves a year
- To be extended with duration



Wildfires

- Susceptibility of roads to wildfires
- Projections possibly to mild







The pillars of CLIMAAX



Cascading funding

2 Open calls for Applications

First open call : 32 projects started October 2024

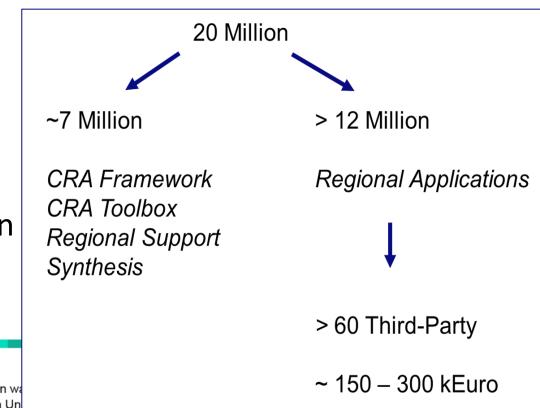
• Second open call: 37 projects starting March 2025

Applicants: regions or NGO's

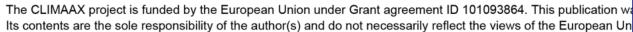
Possibility to sub-contract technical service

! Applicants are responsible for implementation

Payment based on succesfull deliverables







CLIMATE RISK AND VULNERABILITY ASSESSMENT FRAMEWORK AND TOOLBOX

SELECTED REGIONS



The first Open Call selected 32 regions from 13 countries (10 EU and 3 AC), whereas the second Open Call selected 37 regions from 19 countries (14 EU and 5 AC).

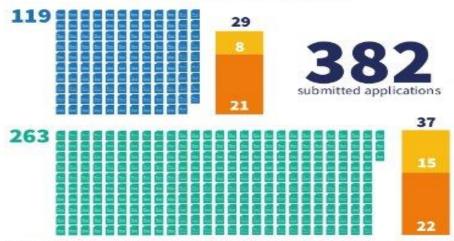


FUNDING



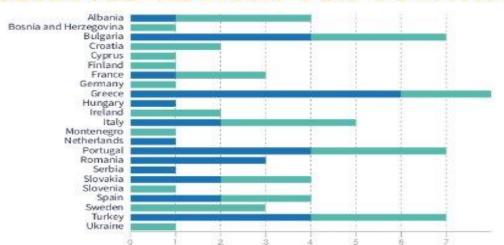
The 69 regions selected through the CLIMAX Open Calls will receive more than EUR 12 million cumulated funding by the EU Mission on Adaptation to Climate Change.

APPLICATIONS



382 proposals, coming from 38 countries, were submitted through the two Open Calls. CLIMAAX consortium received applications from 23 member states of the European Union (EU) and 15 Associated Countries (4C).

SELECTED REGIONS PER COUNTRY



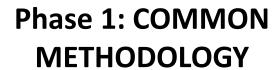
Considering both Open Calls, Greece counts the largest number of selected proposals (8), followed by Bulgaria, Portugal, and Türkiye (7).

TWO CALL IN A GLANCE



Country distribution of the 69 selected Regions (left) and the 382 applications (right) of both Open Calls.

Project phases



Applicable at regional/ local scale in Europe

PHASE 2: REFINEMENT

Regional / local analysis and risk assessment

PHASE 3: EXPLORATION OF LOCAL ADAPTATION

> and improved Risk Management Plan

M1 - M6

Open Call 2 applicants

M7 - M18

Open Call 1 applicants

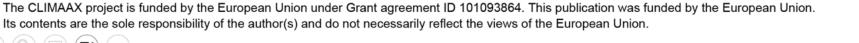
M19 - M22











Regional Support

- Access and support to the CRA toolbox
- Methodological support:
 - helpdesk, videos, webinars
- Advice on demand drop-in sessions
- Access to outreach / engagement events







Lessons learned

- Varying levels of experience technical assistance is key
- Gap between scientific developments and regional needs co-development
- CLIMAAX Toolbox operational at a very early stage
- Huge interest in open calls
- First succes factor of the cascading fund: Regions are responsible for their own CRA





Contact info





































