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ADAPTATION TO CLIMATE CHANGE



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Expected deliverables

Assessing climate change risk in Europe (ACCREU)

- Enhance existing models for climate risk assessment
- Collected relevant data and assess potential impacts on economic challenges
- Gather information on adaptation methods and practices from stakeholders, focusing on their impact on vital services like healthcare and transportation.

Cross-sectoral framework for socio-economic resilience to climate change and extreme events in Europe (CROSSEU)

- Enhance understanding of the socioeconomic risks and response options associated with climate change impacts in Europe.
- Offer practical recommendations for political and societal action

ACCREU





Journal of Financial Stability 84 (2026) 101545

Contents lists available at ScienceDirect

Journal of Financial Stability

journal homepage: www.elsevier.com/locate/jfstabil

Floods and financial stability: Scenario level☆,☆☆

Francesco G. Caloia [a], Kees C.H. van Ginkel [b], D

nature communications

Article

Inequalities in global energy use to 2050

- Climate change exacerbates social and economic inequalities across Europe, with heatwaves and droughts disproportionately affecting low-income households and vulnerable populations.

- European resilience requires a systemic approach to interconnected risks, integrating climate change, land-use planning, disaster prevention and territorial vulnerabilities.

- Resilience must be socially equitable and financially sustainable.

- Adaptation requires a shift towards evidence-based and transformative policymaking.

D4.2

D4.3

Fiscal and Financial Analysis

Integrated distributional analysis

3017-024-00606-1

Check for updates

Heat stress and the labour force

Shouro Dasgupta [1,2,3], Elizabeth J. Z. Robinson [3,4], Soheil Shayegh [5,6], Francesco Bosello [1,2,7], R. Jisung Park [8] & Simon N. Gosling [9]

Commission

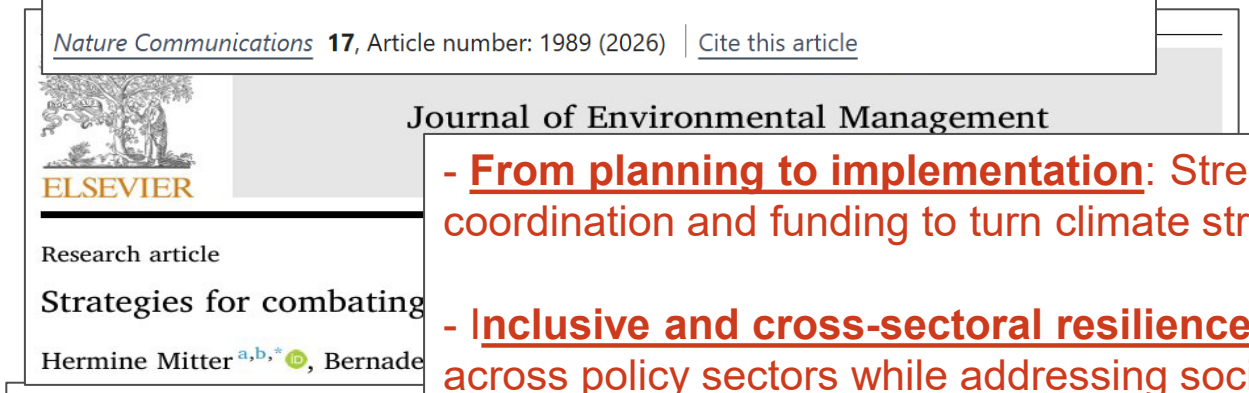
CROSSEU


Article | Open access | Published: 23 January 2026

Climate policy portfolios that accelerate emission reductions

Theodoros Arvanitopoulos, Simon Bulian, Charlie Wilson, Andrew J. Jordan, Jale Tosun & Nicholas Vasilakos

Nature Communications **17**, Article number: 1989 (2026) | Cite this article

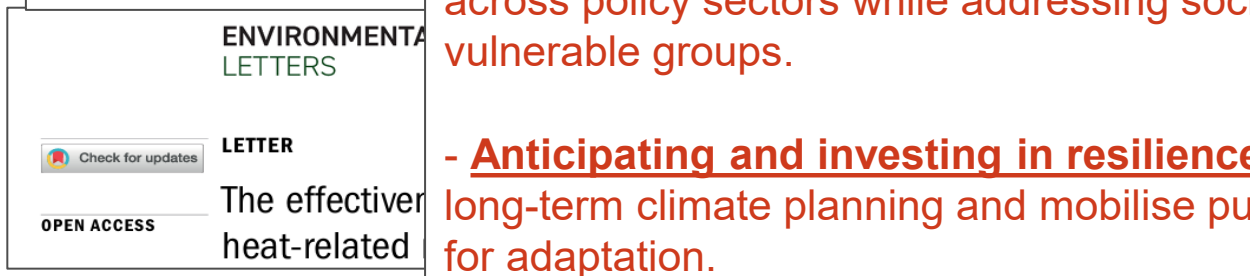

ELSEVIER

Journal of Environmental Management

Research article

Strategies for combating

Hermine Mitter[a,b,*], Bernade


ENVIRONMENTA
LETTERS

Check for updates

LETTER

The effectiver

OPEN ACCESS

heat-related

- **From planning to implementation**: Strengthen climate governance, coordination and funding to turn climate strategies into effective action.

- I**nclusive and cross-sectoral resilience**: Integrate climate risks across policy sectors while addressing social inequalities and protecting vulnerable groups.

- **Anticipating and investing in resilience**: Shift towards preventive, long-term climate planning and mobilise public and private investment for adaptation.


CrossEU

D4.2 – Effectiveness of the existing mitigation and adaptation policies

(Version 2)

WP4 - Task 4.1

December 2025

CrossEU

D4.3 - Analysis of the climate change impacts and responses in sectoral policies (Version 1)

WP4 - Task 4.2

May 2025 [M17]


CrossEU

D4.7- Analysis of economic, finance and investment policies at EU/national level and in local context - Version 1

WP4 - Task 4.4

May 2025

European Commission

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R&I in EU Framework for Climate Resilience

1. R&I is a cornerstone of the EUFCR. R&I is evolving from knowledge production towards practical implementation and transformative change needs to be acknowledged as an R&I activity. Greater emphasis is needed on applied innovation, pilot projects and the transfer of solutions to local and regional authorities.

2. There is a gap between the asks in the public consultation (What the EU should do, in the public's mind) and the responses through the Communication and the proposed legislation (What the EC could do). While the Communication focuses on comparable climate risk assessments, institutional responsibilities, monitoring and compliance, the public consultation highlights persistent barriers on the ground, particularly insufficient funding, limited administrative capacity and lack of technical support.

3. Effective European climate resilience would require stronger territorialization and implementation-oriented governance across all levels of governance. Bridging the gap will require accessible and predictable financing (from all levels) , targeted technical assistance, tailored instruments for vulnerable regions, and better integration of health, social protection and climate justice into the EUFCR.

The interinstitutional dialogues on EUFCR will offer opportunities to debate these issues.

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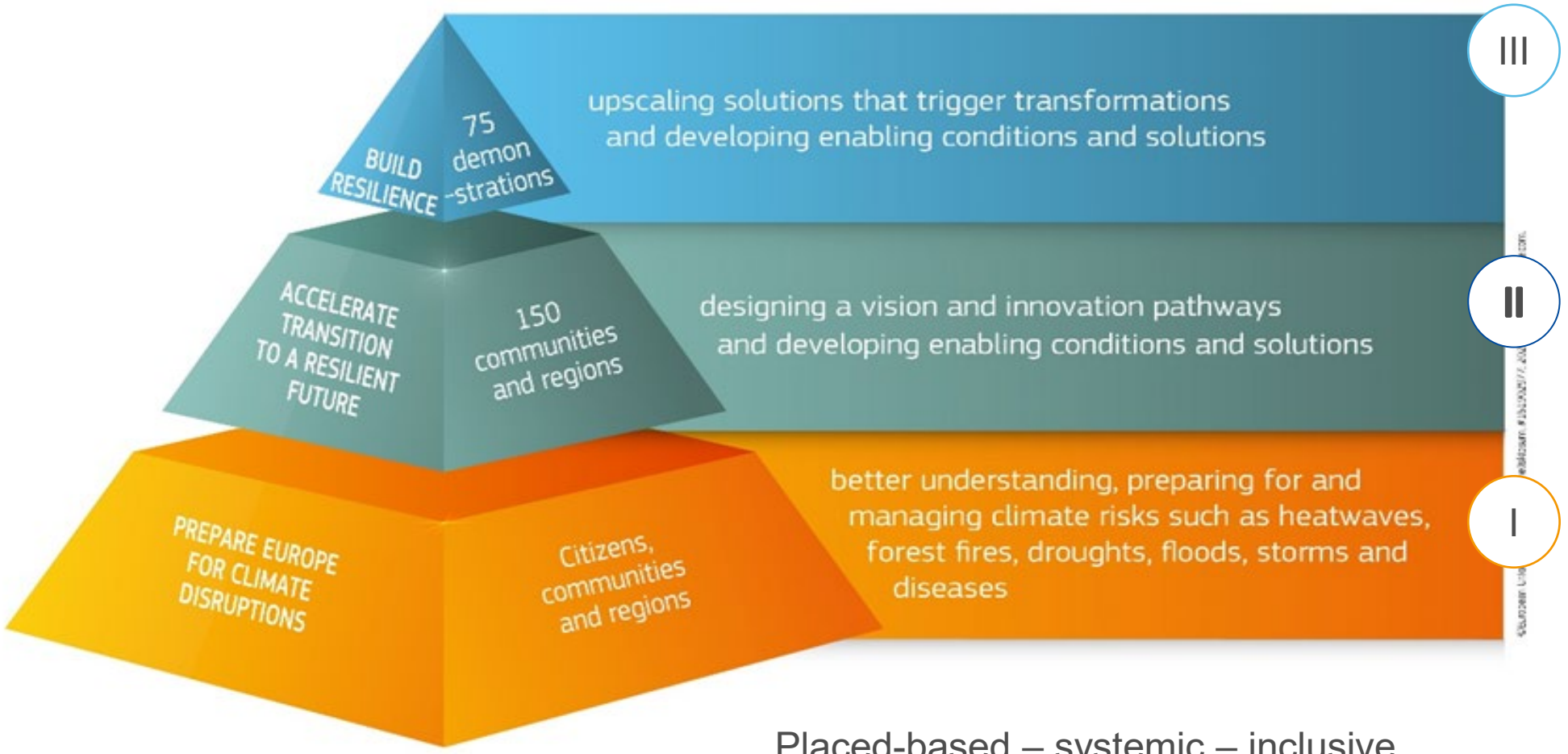
Links with the EU Mission on Adaptation to Climate Change

To support at least **150** European **regions** and local authorities towards climate resilience by 2030



Placed-based – systemic – inclusive

Beyond research & innovation

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76 Research & Innovation Horizon Europe projects



Adaptation Hubs, CLIMATEFIT, GreenIN Cities, REGILIENCE+, spongeworks, Agora, Clim EMPOWER, MOUNT RESILIENCE, REHUBS, SystR, ARCADIA, Cliniveat, ICARIA, NATALIE, Regions 4Climate, TerraTwin, ARSINOE, COAST-SCAPES, IMPETUS, NATURE-DEMO, TURCA4DANU, Aurora, NBRACER, RESIST, TRANSFORM, nurish, RISE-IN, TransformAr, DRYAD, OCEANIDS, RISKADAPT, Trees4Adapt, CLIMAAX, FAIR FUTURE, SMARTER, UNDERPIN, climagen, FARCLIMATE, Land4Climate, PIISA, Soteria, URBREATH, CLIMA PANNONIA, genesis, MED-IREN, Precilience, Sponge Boost, valorada, CLIMAS, miraca, REGILIENCE, Sponge Scapes

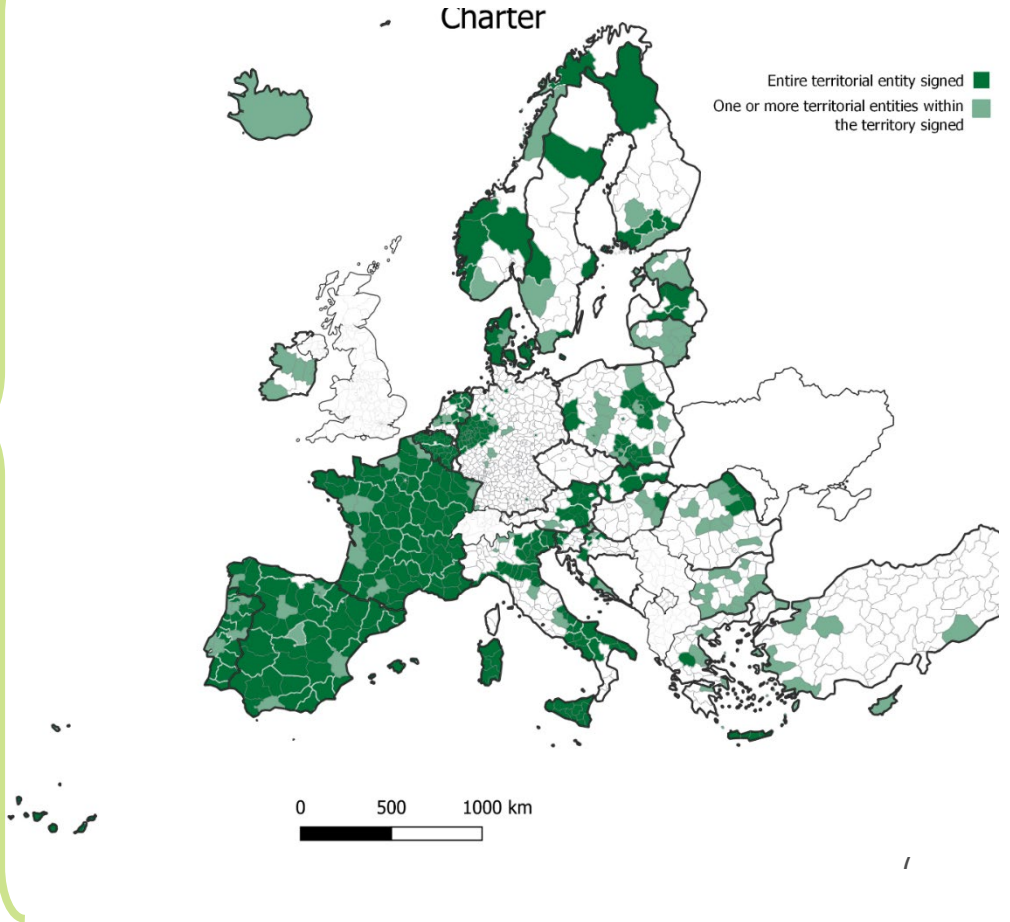
MIP4Adapt

Coordination & overall support for Mission implementation

↑

Adaptation Hubs
REGILIENCE+

333 Regions & local authorities committed through the Mission Charter



Different types of projects

Demonstration projects

Project with cascade funding *(support to regions)*

Research Projects

Coordination

- MIP4Adapt
- REGILIENCE+
- AdaptationHubs

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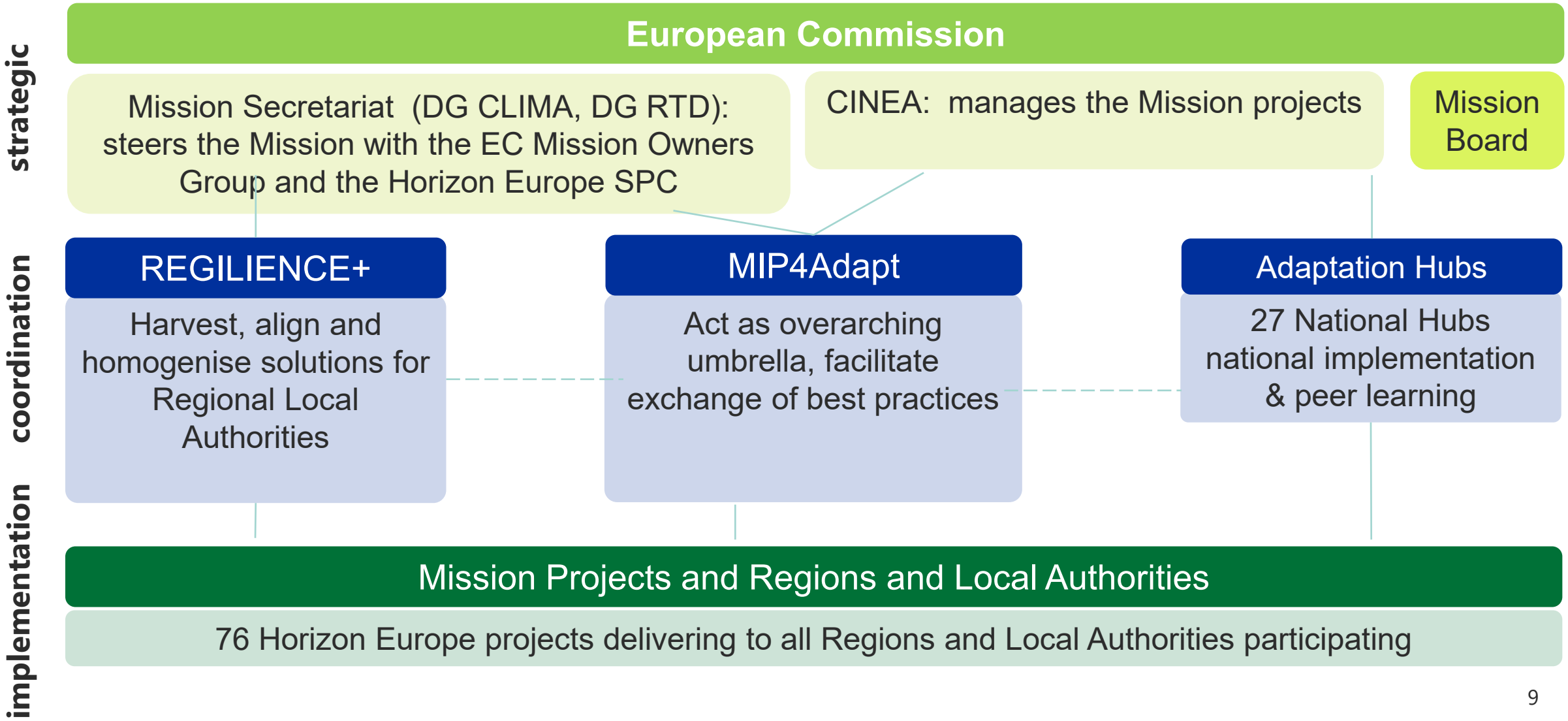
The Mission governance



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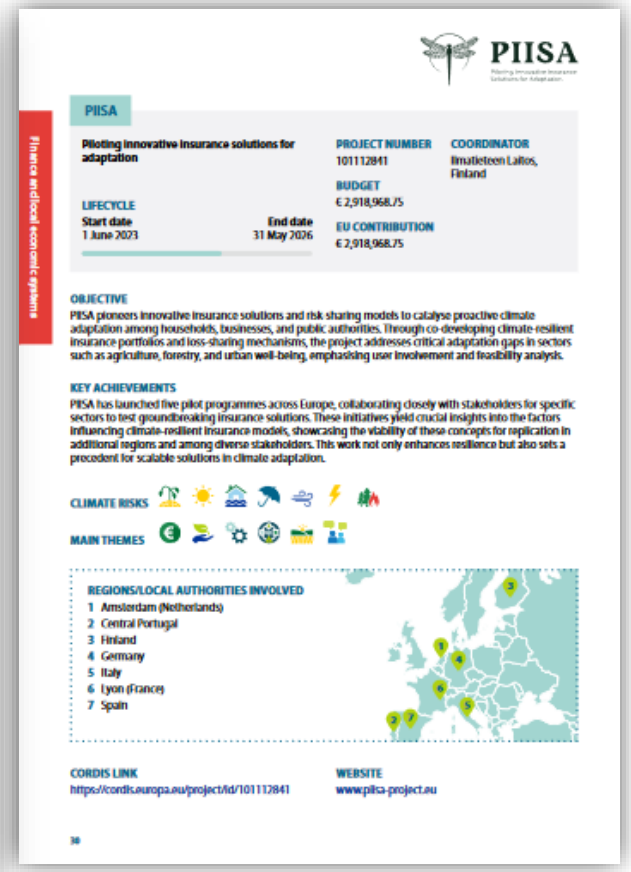
2026 Catalogue of Projects





- One fiche for each of the 65 Mission Project
- *(to be updated with projects from 2025 call)*
- Can be found there

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Mission Projects

- Interactive dashboard
- Mission-funded & Mission-relevant projects
- Participants information (incl contact form)

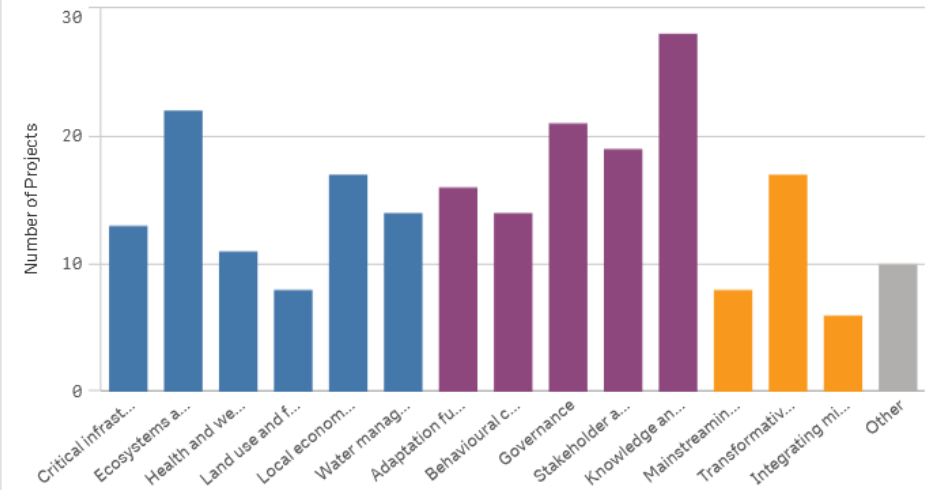
Number of Projects	Participations	Total budget (euro)	EU financial contribution (euro)
271	4.15k	1.72B	1.45B

Thematic areas of the mission

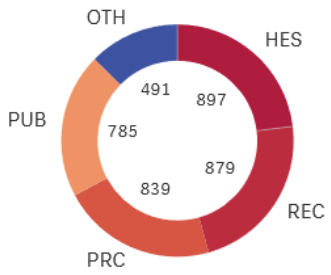
Key community systems
-Critical infrastructure
-Ecosystems & nature-based solutions
-Health & wellbeing
-Land use & food systems
-Local economic systems
-Water management

Enabling conditions
-Adaptation funding & finance
-Behavioural change
-Governance
-Stakeholder & citizen engagement
-Knowledge & data

Cross-cutting
-Integrating mitigation and adaptation
-Mainstreaming adaptation
-Transformative change

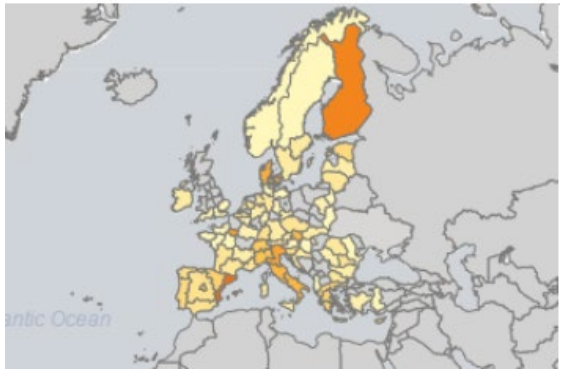


Participations by Type



HES-Higher Education, OTH-Other (incl. NGOs), PRC-private commercial (for-profit), PUB-Public, REC-Research (incl. RTOs)

Participations by country and region



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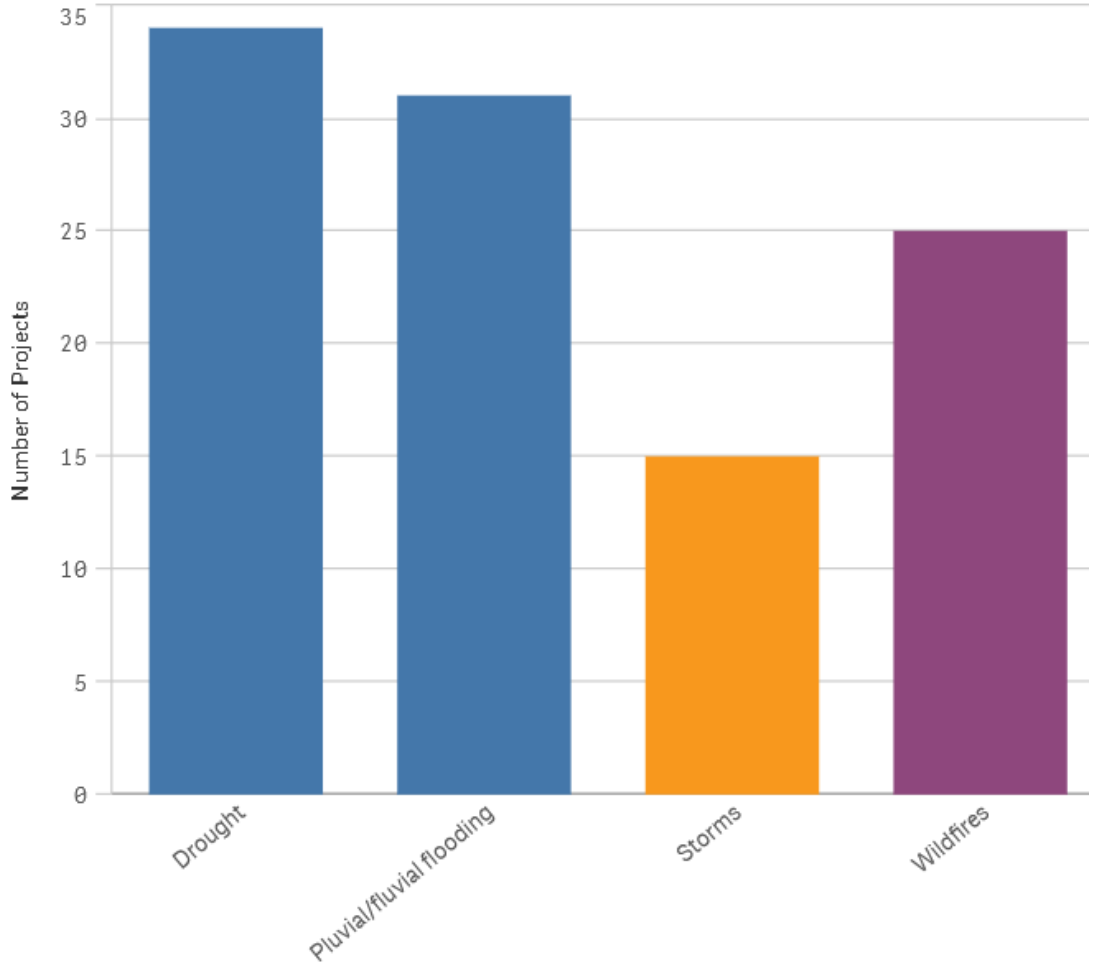
Connecting Mission, ACCREU and CROSSEU

- 45 Mission projects are focused on drought, flooding, wildfires and storms
- 28 of this projects address energy and health challenges
- Some Mission Regional and Local Authorities are included in the case studies of ACCREU and CROSSEU



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Looking ahead

- Join the EU Mission community
- Communication: outreach to Adaptation Hubs, MEPs, Council, mobilisation of local authorities beyond events, policy briefs and papers
- Roster of experts to support the local authorities (open list)
- Next calls

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Next calls

Proposals are invited against the following Destinations and topic(s):

Topics	Type of Action	Budgets (EUR million) 2027	Expected EU contribution per project (EUR million)[21]	Indicative number of projects expected to be funded
Opening: 09 Feb 2027 Deadline(s): 21 Sep 2027				
Adaptation to Climate Change: Supporting the implementation of the EU Mission Adaptation to Climate Change				
HORIZON-MISS-2027-01-CLIMA-01: Demonstrating transformative solutions to increase cross-border climate resilience	IA	72.32	10.00 to 15.00	5
HORIZON-MISS-2027-01-CLIMA-02: Researching and applying the potential of Artificial Intelligence to foster climate resilience at the regional and local levels	RIA	12.00	Around 3.00	4