



EUROPEAN UNION



EU MISSIONS

ADAPTATION TO CLIMATE CHANGE

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European Commission – DG Research and Innovation



#EUmissions #HorizonEU #MissionClimate



We will have to adapt to a warmer world



Extreme heat
More frequent
More intense



Heavy rainfall
More frequent
More intense



Drought
Increase in some
regions



Fire weather
More frequent



Ocean
Rising
Warming
Acidifying
Losing oxygen



Addressing climate change: EU policy context

- **European Green Deal** ➔ EU climate neutral and **resilient** by 2050
- **EU Adaptation Strategy** ➔ EU adapted to unavoidable climate impacts

Strategy's central dimensions:

- **Smarter** adaptation:
- **More systemic** adaptation
- **Faster** adaptation
- Stepping up **international actions** for climate resilience

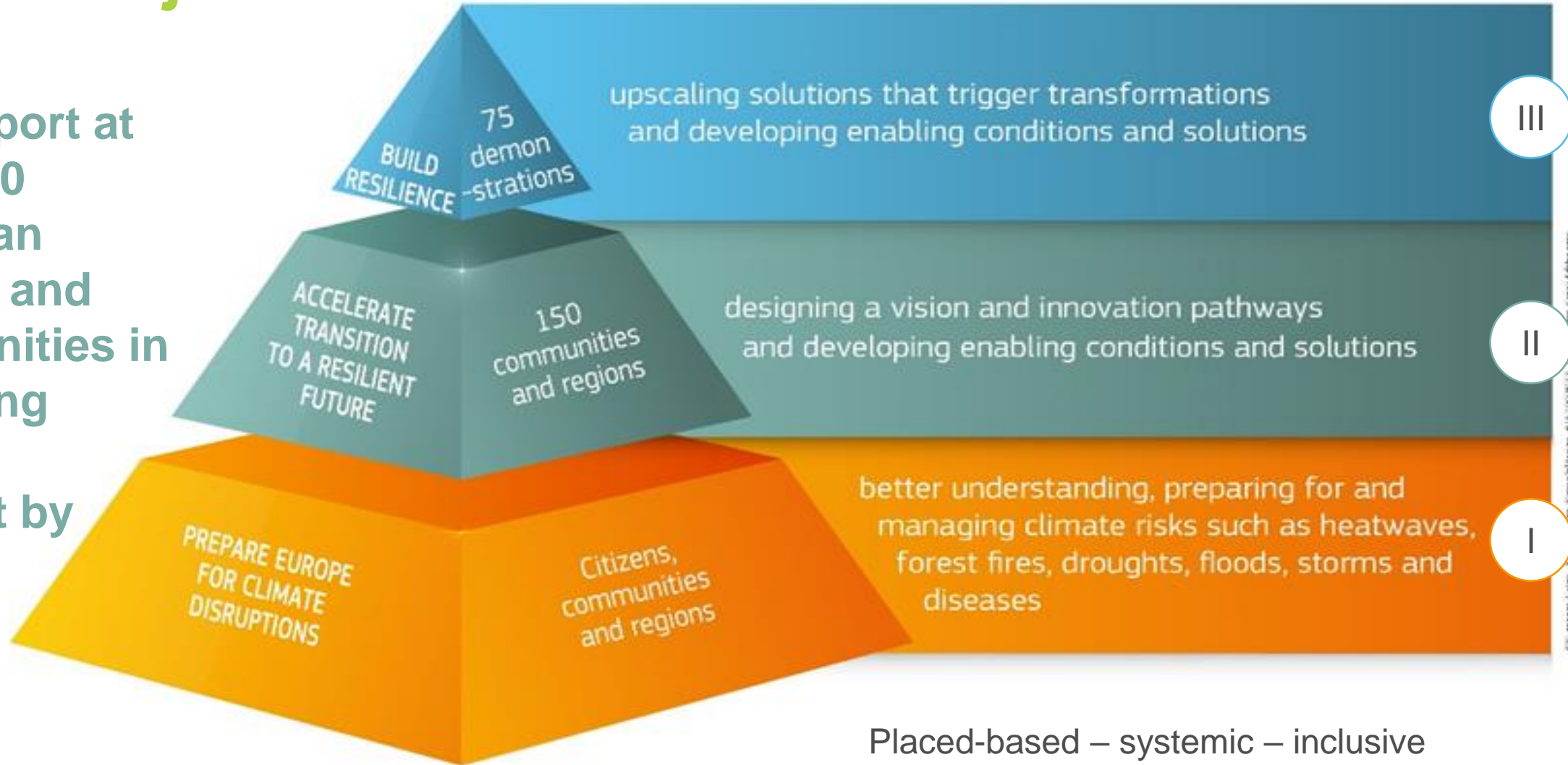
EU Mission on
adaptation to climate
change

Other Horizons calls



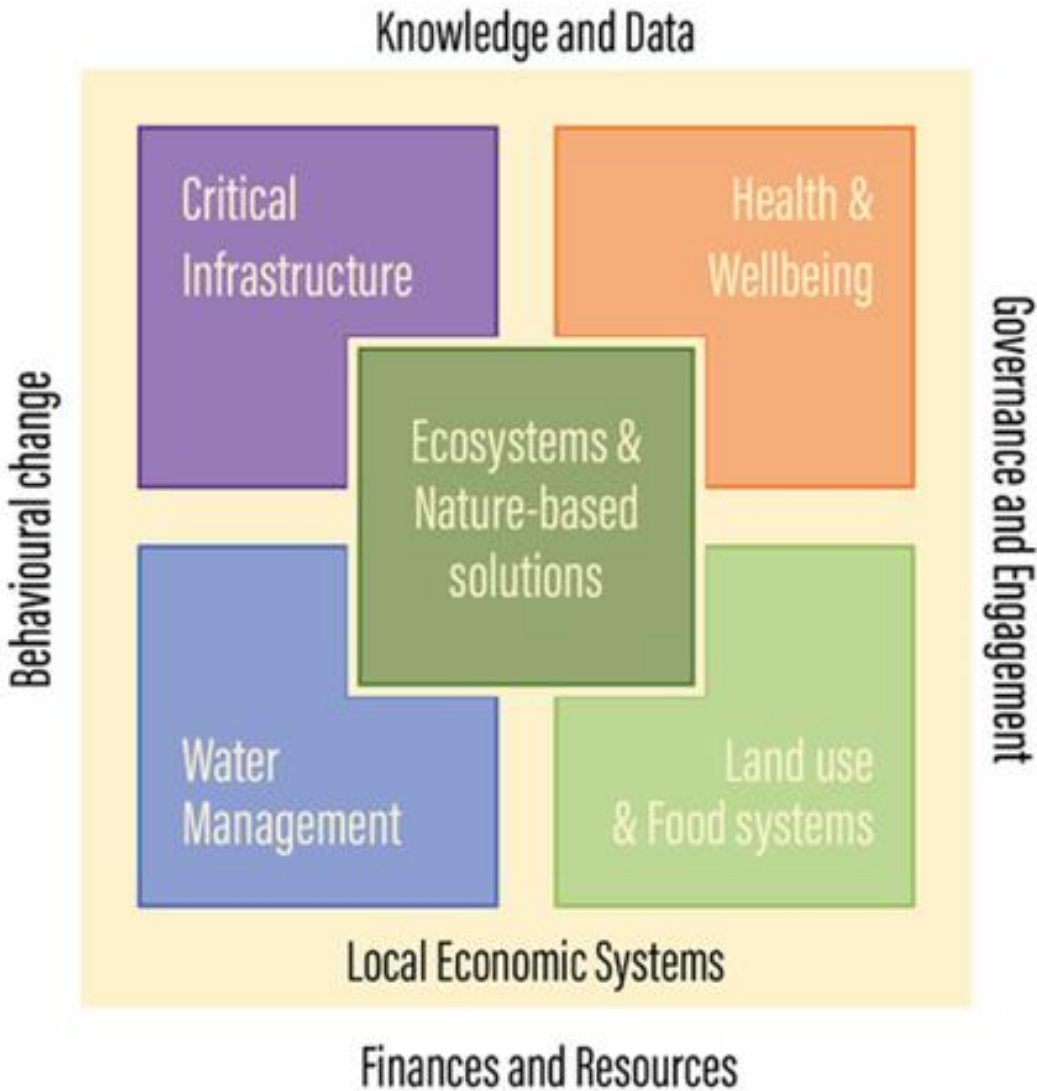
Mission objectives

To support at least 150 European regions and communities in becoming climate resilient by 2030

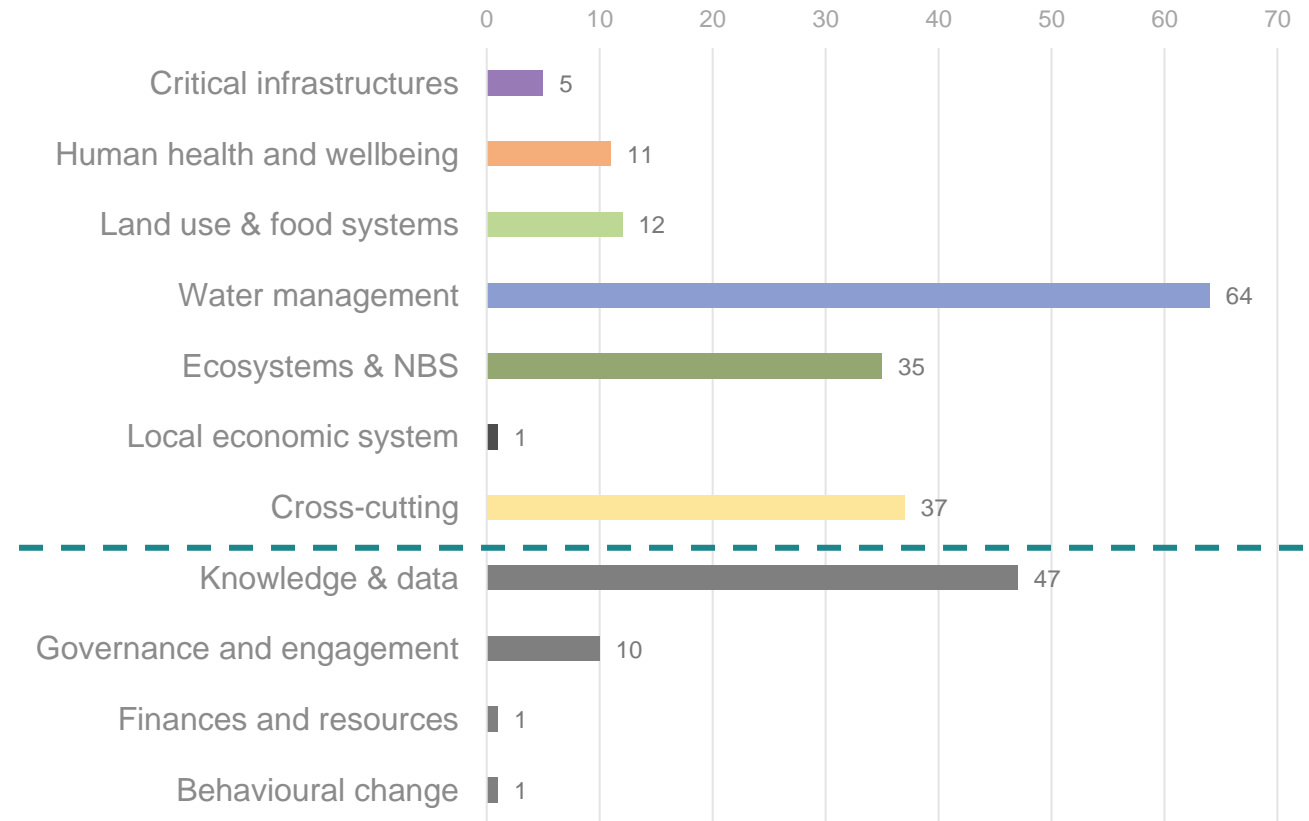


Placed-based – systemic – inclusive

6 key community systems and 4 enabling conditions



Catalogue of solutions 642 projects (so far)



>60% R&I programmes, ~20% LIFE, ~20% Interreg



Horizon Europe : Work Programmes 2021-2023

objectives



2021 call (grant preparation)

- (obj I) A climate risk assessment framework
- 2 Enabling conditions (obj I, obj II)
- (obj II) Local climate resilience pathways
- (obj III) Large-scale demonstrator

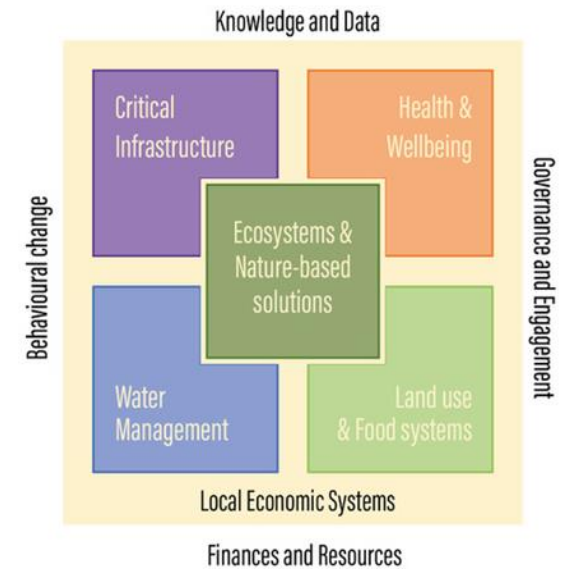
2022 call (evaluation)

- 3 enabling conditions, 1 key system (obj I, obj II)
 - Incl **user-driven tool** (climate services)
- (obj II) Develop and **test** solutions
- (obj III) ~~Demonstration on coastal resilience~~

2023 call (opening in Jan 2023)

- (obj III) Test and **demonstrate** transformative solution -- 5 key systems

Enabling conditions & key systems





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Beyond Research and Innovation

European Commission
Research & Innovation projects
+ others

Regions & local authorities (215 so far)
Commit with a **Charter**



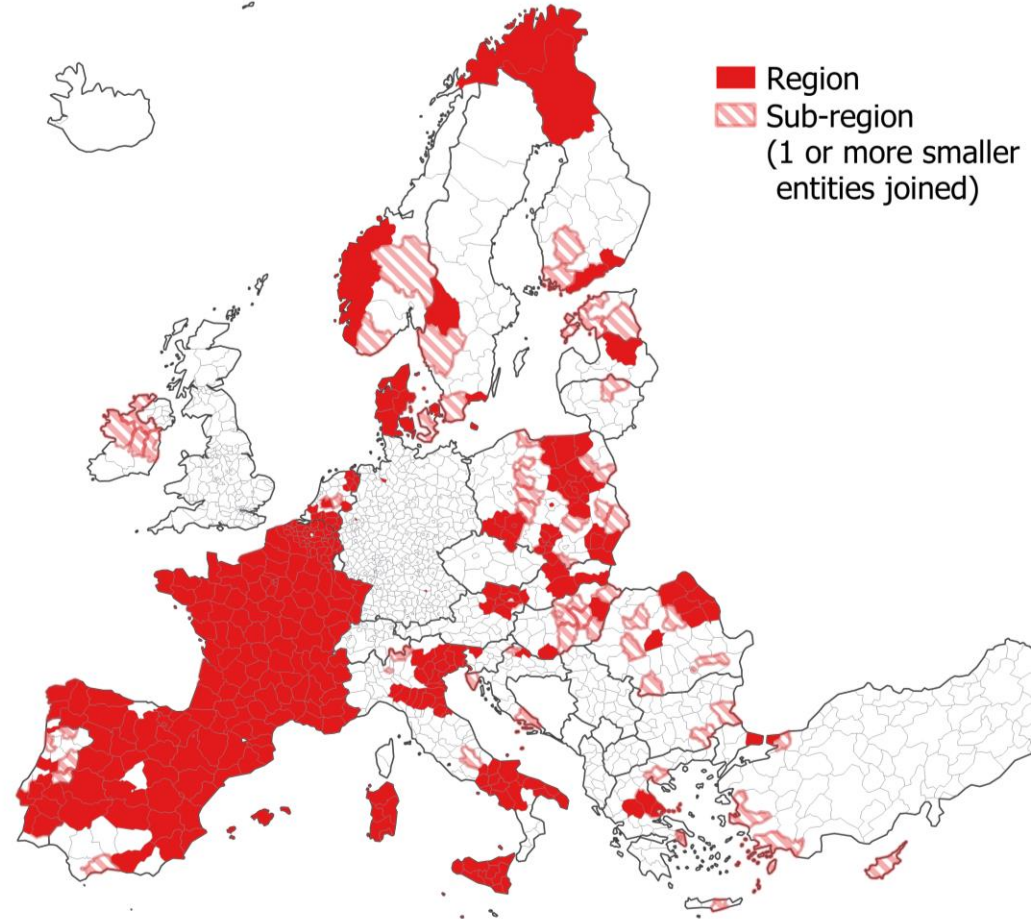
Mission Implementation Platform

- Coordinate
- Support
- Communicate
- Monitor



Interreg 

+ hosted on
Climate-ADAPT



The views expressed in this map are indicative and may not in any circumstances be regarded as stating an official position of the European Commission.



Mission and Earth Observation

- Mainly linked to
 - Objective 1 : prepare Europe
 - Enabling condition : knowledge & data
- 1 topic on climate services (user-driven tools/application) - *HORIZON-MISS-2022-CLIMA-01-01*
- Can help us identifying relevant projects (past/ongoing) and solutions that contribute to adaptation



Next steps

