



## Accelerating transformative climate adaptation for higher RESILIENCE in European MOUNTain regions

Covering 30% of the land area of the EU and being home to 17% of the EU's population, mountains play a crucial role by providing vital resources and local communities. Nowadays, mountains, like other areas, face unprecedented challenges due to Climate Change (CC), and are among the most exposed and sensitive to increasing temperatures and consequent variations. Also plains that depend on mountain resources are highly affected by such changes.

MountResilience has been formulated with the aim of increasing the adaptation capacity of mountainous regions and communities and, consequently, of strengthening climate resilience within the European mountainous biogeographical region (Alpine region) and connected plains.

Specifically, the project identifies 10 of the most relevant communities and regions located in the mountains in 9 European countries as action areas. 6 of these, named "demo regions", will develop and test transformative CC adaptation solutions. These will include both technological and social innovations with nature-based solutions as a core, addressing policy, governance, societal needs and citizen behaviors. The remaining 4 regions will act as "replicator" regions, repropounding in their regions the CC adaptation solutions and lessons learned from the demo regions.

The demo regions will follow the quadruple helix approach, i.e. they will use open innovation, participatory decision-making, stakeholder involvement and effective communication to mobilise, engage and reach key regional stakeholders and local communities.

In the Piemonte demo region, the activity will be focused on CC adaptation solutions for water use in agriculture, for irrigation strategies, and for the increase of efficiency in agricultural farms and water management.



This project received funds from Horizon Europe program under the Mission "Adaptation to climate change". Grant Agreement No. 101112876

### PROJECT DURATION

01/09/2023 – 28/02/2028  
(54 months)

### WEBSITE AND SOCIAL MEDIA

<https://mountresilience.eu/>



### PARTNERS

There are 47 project partners divided into partners, associated partners and affiliated entities. Among them, there are 13 entities from the public and private research area (universities, research institutes, think tanks); 14 entities, consortia and territorial governing bodies; 2 companies; 9 partners among associations, NGOs, non-profit organizations, foundations, ecosystems, partnerships and, finally, 9 among consulting, marketing, communication, territorial development companies and agencies, federations and networks.

### FUNDING INSTRUMENT

HORIZON-MISS-2022-CLIMA-01

### BUDGET

~16000000 € total (~400000 € at PoliTo)

### POLITO e DIATI's role:

Politecnico di Torino – DIATI è partner del Consorzio.

Scientific supervisor for DIATI:  
Prof. **Stefania Tamea**