



Empowering People for Climate Resilience

Communities of Practice for shared knowledge, collaboration, and climate-ready solutions

Climate change is already affecting European regions through more frequent and intense heatwaves, floods, droughts, wildfires and coastal risks.
However, climate resilience is not only a technological challenge — it is a **people challenge**.
ClimEmpower strengthens climate resilience by bringing together local authorities, experts, businesses and communities to **learn, collaborate and co-design solutions** that respond to real regional needs.

Communities of Practice (CoPs) are collaborative groups that bring together people who share a common goal: **building climate-resilient regions**.

ClimEmpower CoPs unite:

- Regional and local authorities
- Climate scientists and researchers
- Water, agriculture and infrastructure experts
- Businesses and service providers
- Civil society and local communities

Through workshops, meetings and collaborative activities, stakeholders exchange knowledge, identify challenges and co-create practical solutions tailored to regional realities.

Across the five ClimEmpower case study regions, stakeholders identified common climate threats affecting communities and economies:

- Increasing frequency and intensity of heatwaves
- More frequent floods and extreme rainfall events
- Growing droughts and water scarcity
- Rising wildfire risks
- Coastal flooding and erosion

These hazards threaten:

- Cities and critical infrastructure
- Agriculture and food production
- Water resources and ecosystems
- Public health and safety
- Tourism and local economies

Through collaboration, workshops and real-world trials, ClimEmpower helps regions:

- Turn climate data into usable knowledge
- Develop tools that support decision-making
- Strengthen cooperation across sectors
- Improve preparedness for climate risks
- Create solutions that can be replicated across Europe

Building climate resilience starts with people.
Discover the project, tools and results:
www.climempower.eu

Communities of Practice support regions to:

- Understand local climate risks and vulnerabilities
- Share data, knowledge and good practices
- Identify gaps in tools, services and policies
- Co-design climate adaptation solutions
- Build long-term collaboration and capacity
- Strengthen trust between science, policy and society

CoPs ensure that climate solutions are **user-driven, practical and transferable** to other regions.

LEARNING FROM REGIONS ACROSS EUROPE
ClimEmpower works with five diverse European regions facing different but interconnected climate challenges.

Sicily, Italy
Urban flooding, heatwaves and water scarcity are placing increasing pressure on cities, tourism and public services.
Focus: climate-proofing infrastructure and improving access to local climate data.

Western Costa del Sol, Spain
Seasonal population growth and tourism intensify water scarcity and flood risks in coastal cities.
Focus: water governance, flood modelling and early-warning systems.

Central Greece
Floods, droughts and wildfires threaten agriculture, tourism and public health.
Focus: regional climate data, training and early-warning systems.

Troodos Mountains, Cyprus
Wildfires, drought and extreme heat threaten biodiversity, water resources and local livelihoods.
Focus: preparedness, education and emergency planning.

Osijek-Baranja County, Croatia
Droughts and floods impact agriculture, wetlands and food production.
Focus: predictive tools and smart water management.