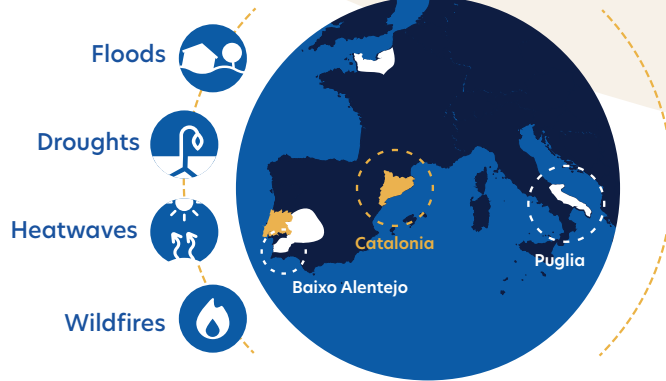


Catalonia

Main challenges



Demo sites

Main focus in RESIST

The RESIST Project activities in Catalonia will focus on implementing a **multi-hazard early warning system and raising awareness for climate-related risks**.

The demonstration activities in the municipalities of **Terrassa** (medium-sized city) and **Blanes** (small-sized city).

Both will be the front-runner municipalities testing innovative solutions to better support disaster risk management and building community resilience.

Goals

- Improve anticipation of extreme climate risks.
- Improve risk communication and awareness.
- Transferability of developed solutions and reskill Civil Protection and first responders.
- Stakeholder and community engagement.

Innovations



Inclusive risk communication and community engagement

Enabling people and communities at risk, particularly those socially more vulnerable, to enhance their resilience to climate change.



Site-specific warnings

Implementing impact-based, site-specific warning systems.



Early warning systems

Implementing a multi-hazard early warning system for alerts related to climate emergencies like floods, drought, heatwaves and wildfire.

Main achievements so far

- **IT tool developments:** First version of the city-level real-time multi-hazard Early Warning ARGOS system and Site-Specific Warnings for floods implemented in Terrassa and Blanes with local datasets available.
- **Raising Awareness:** Design of both public and technical surveys considering an inclusive framework for prevention and emergency management at the local scale. The public surveys (online, phone, in person) started at the end of October 2023 in Terrassa and Blanes. Analysis of policy documents and frameworks for raising risk awareness and for inclusive risk communication.
- **Local & Regional Demonstration:** Areas prone to floods have been identified and

will be monitored in Terrassa and Blanes. Terrassa Civil Protection has started to create a hazard/impact database with the impact of the last events. Ongoing assessment on where to install new sensors for improved monitoring and warning for floods in the city of Terrassa. Expanding EWS to other municipalities in Catalonia has started (e.g., identification of potential municipalities).

- **Community engagement:** Identification of some projects and key actors in both municipalities that will allow us to work/engage with people in vulnerable situations (old people living alone, and young migrants in informal settlements). Cartographies and indicators of social vulnerability that will crisscrossed with specific climate risks.

Consortium

