



HEATSAFE

Interreg
Euro-MED



Co-funded by
the European Union

Summary of the HEATSAFE-

Basic Project Data

Project Title: HEATSAFE: Holistic framework for environmental and social adaptation to extreme heat (Euro-MED).

Project duration: 33 months.

Main objective: Improve the prevention, mitigation and management of risks arising from climate change and from increased frequency and intensity of extreme heat and heat waves in the Mediterranean by jointly designing local action plans and launching demonstrative pilot actions, which will lay the groundwork for the development of open source tools to assess heat vulnerability and of a long-term strategy that will set the path for the entire MED area.

Innovative approach : an interdisciplinary approach to combat the challenges of climate change in the Mediterranean area. Inclusion of socio-economic factors in heat vulnerability maps to ensure tailor-made solutions, prioritizing the most vulnerable groups. Participatory decision-making by creating new governance structures that integrate urban planning, public health, social equity and environmental sustainability.

Partners

- Federation of Municipalities of the Region of Murcia
- EuroVértice
- Barcelona Metropolitan Area
- Municipality of Agii Anargiri – Kamatero (Greece)
- Association of South-Western Municipalities (Bulgaria)
- Regional Council Durres (Albania)
- Municipality of Arezzo (Italy)
- National Kapodistrian University of Athens, Greece
- Euro-Mediterranean Center on Climate Change (CMCC)

Pilot areas and methodology

- Cartagena (FMRM and EV Associate)
- Barcelona – Arrels Foundation (AMB Associate)
- Agioi Anargyroi-Kamatero (Partner)
- Blagoevgrad (ASWM Associate)
- Durres (RDC Associate)
- Arezzo (partner)

In each of the selected areas, a structured methodology adapted to the local context will be applied, based on the following pillars:

- **Comprehensive diagnosis:** comprehensive analysis of each area by developing a *thermal vulnerability map*, integrating physical indicators (such as urban density, vegetation cover, building materials, etc.) together with socio-economic factors (income levels, age, health, etc.).
- **Citizen participation and multilevel governance:** establishment of new multi-level and multi-sectoral governance structures, encouraging improved collaboration and response to extreme heat events between administrations, civil society and technical experts.
- **Develop local heat action plans.** promote interdisciplinary approaches including meteorology, health care, urban planning and community engagement to foster resilience and minimise the effects of extreme heat on populations. Validated by governance structures and based on comprehensive diagnosis.
- **Application of evidence-based interventions :** Pilot actions will be tested grouped around three strategic axes in each of the areas:
 1. **Creation and reinforcement of climate shelters**, such as safe spaces against heat waves (i.e. renovation and adaptation of public buildings).
 2. **Implementation of immediate response solutions**, aimed at mitigating the effects of high temperatures in critical situations (e.g. flexible and temporary shading systems, sources, spray mechanisms, solidarity networks to increase the frequency in the monitoring of vulnerable people...)
 3. **Development of awareness-raising and education campaigns** aimed at raising public awareness of thermal hazards and ways to protect against them.

Role of EuroVértice

EuroVértice acts as one of the main partners in the HEATSAFE project. His responsibilities include:

1. **Methodology for mapping local actors and setting up local governance structures to improve coordination in extreme heat alerts at local and supra-municipal level:** EuroVértice will establish the roadmap for the rest of the partners and will work on its development in the municipality of Cartagena.

2. **Identification of measures to mitigate the effect of extreme heat:** EuroVértice will make a catalogue of solutions, with the contributions of the other partners.
3. **Methodology for the development of Local Action Plans against extreme heat in the Mediterranean basin:** EuroVértice will develop a common approach to be implemented in all pilot sites of the project and draft the Cartagena Plan.
4. **Carbon footprint:** EuroVértice will be responsible for defining the strategy for mitigating the project's carbon footprint and monitoring its evolution during the project.

Project Budget

Total **budget:** EUR 2,413,791.40.

EV Budget: EUR 252 064.00 Own **contribution:** EUR 50 412.80 Interreg Funds: EUR 201 651.20

*Project poster link

<https://heatsafe.interreg-euro-med.eu/wp-content/uploads/sites/110/mediakit/heatsafe-scaled.jpg>

*Logo project link

https://heatsafe.interreg-euro-med.eu/wp-content/uploads/sites/110/mediakit/interreg_euro_med_logo_horizontal_web_2330-x314_en.png