



Operational Heat-Health-Social Early Warning System

Fact Sheet

Project Information

HHS-EWS

Grant agreement ID: 101069213

DOI
[10.3030/101069213](https://doi.org/10.3030/101069213)

Project closed

EC signature date
31 May 2022

Start date	End date
1 October 2022	31 March 2024

Funded under
European Research Council (ERC)

Total cost
No data

EU contribution
€ 150 000,00

Investment in EU policy priorities

- | | | | |
|-------------------------|-----------------------|----------------|----------------------------------|
| Digital agenda | ☐ | Clean air | ☐ |
| Artificial Intelligence | ☐ | Climate action | ☒ |
| Biodiversity | ☐ | | |

Coordinated by
FUNDACION PRIVADA
INSTITUTO DE SALUD GLOBAL
BARCELONA
 Spain

Project description

An operational warning system to protect persons during extreme heat and cold

Extreme temperatures are associated with million annual deaths worldwide, 300 000 of which in Western Europe alone. Many European countries have implemented early warning systems during heatwaves. However, they are generally based on temperature thresholds from weather forecasts and do not consider the inequalities in the vulnerability of the exposed populations. The EU-funded HHS-EWS project will create the first operational Heat-Health-Social Early Warning System (HHS-EWS) representing the health impacts of environmental temperatures to better inform potential end-users such as public health agencies to activate emergency plans targeting vulnerable groups. The system will integrate weather forecasting, environmental epidemiology and the social drivers of vulnerability.

Fields of science (EuroSciVoc)

[medical and health sciences](#) > [health sciences](#) > [public health](#) > **[epidemiology](#)**



Programme(s)

[HORIZON.1.1 - European Research Council \(ERC\)](#).

MAIN PROGRAMME

Topic(s)

[ERC-2022-POC1 - ERC PROOF OF CONCEPT GRANTS1](#)

Call for proposal

[ERC-2022-POC1](#) 

[See other projects for this call](#)

Funding Scheme

[HORIZON-ERC-POC - HORIZON ERC Proof of Concept Grants](#)

Host institution



FUNDACION PRIVADA INSTITUTO DE SALUD GLOBAL BARCELONA

Net EU contribution

€ 150 000,00

Total cost

No data

Address

C ROSSELLO 132 PLANTA 05
08036 Barcelona

 Spain 

Region

Este > Cataluña > Barcelona

Activity type

Research Organisations

Links

- [Contact the organisation](#) 
- [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Beneficiaries (1)



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Total cost

No data

Last update: 4 September 2022

Permalink: <https://cordis.europa.eu/project/id/101069213>

European Union, 2025

