

Watch2Heat



Short Name

Watch2Heat

Formal Name

Heat Watchers in Action

Contact Person

Mar Satorras

Institution/Organisation

Institut Metropoli

Website

<https://vigilantsdelacalor.institutmetropoli.cat/>

Social Media



[@InstMetropoli](https://twitter.com/InstMetropoli)



[@institutmetropoli.cat](https://www.facebook.com/institutmetropoli.cat)



Involving schools and urban stakeholders to enable equitable child-oriented adaptation to heat



Summary

The citizen science initiative Heat Watchers in Action focuses on the unique experiences of extreme heat faced by vulnerable urban households with children by engaging them as citizen scientists to monitor indoor heat and co-create urban adaptation.

During the first edition, we engaged a hundred children from the metropolis of Barcelona as heat watchers and 200 stakeholders in capacity-building and outreach activities. We expect to maximise the replication potential and impact by leveraging this initial experience. Specifically, we plan to involve more schools and improve the methodology by expanding citizen scientists' engagement to dissemination and the monitoring campaigns to schools; ensure long-term sustainability of the initiative by supporting its integration into public programs and by improving autonomous replicability; and upscale the project to other heat-vulnerable communities.

Our ultimate goal is to accelerate and enable equitable and child-oriented adaptation to climate change, contribute to disaster risk reduction and energy poverty alleviation, increase science literacy and trust in science, and generate innovative, participatory, and policy-oriented research.