

SOS Heaters



Short Name

SOS Heater

Formal Name

Researching low-energy heating technology to tackle energy poverty and promote accessible and sustainable home heating.

Contact Person

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Institution/Organisation

Low Tech 4 Impact

Website

<https://sosheater.org/>

Social Media

 [@sosheater](#)

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Tackling energy poverty while empowering communities to take part in shaping the technologies that improve their lives.



Summary

SOS Heater is a Citizen Science initiative based in Portugal, researching low-energy heating technology and energy-efficient practices to tackle energy poverty and promote accessible and sustainable home heating.

Led by the social innovation lab Low-Tech 4 Impact, in partnership with the Faculty of Fine Arts of the University of Lisbon, the project blends participatory technological research with impact-driven methodologies, involving students, makers, refugees, and local residents seeking to reduce their energy costs.

Activities include student-led design challenges, hands-on heater construction workshops, community repair events, and collaborative testing in real homes.

With a focus on collaboration and inclusivity, SOS Heater goes beyond providing a practical solution to cold housing. It fosters skill-building, awareness of the social and environmental challenges, and the democratisation of science, empowering communities to take part in shaping the technologies that improve their lives.

Their vision?

Co-creating a world where a warm home is neither a luxury nor a burden on the planet.