

The LIFE SUPERHERO project aims to promote the use of **ventilated permeable roofs (VPR)** as sustainable and cost-effective “**passive cooling**” technology able to increase building occupants’ and cities summer comfort and decrease buildings’ energy and green-house gasses emissions.

Through collaborative effort among producers and their associations, research centres, municipalities, social housing, and tenants, LIFE SUPERHERO aims to overcome existing policy/legislative/awareness barriers to properly spread the adoption of VPR and the “HEROTILE-based roof”. More info on [www.lifesuperhero.eu](http://www.lifesuperhero.eu)

## The 2<sup>nd</sup> Newsletter of the LIFE SUPERHERO Project

LIFE SUPERHERO team will be happy to send all contents two times per year, for the next 5 years, to everyone should be interested (to subscript, [click here!](#)). The aim of this project is to create a LIFE SUPERHERO community, able to share all project updates.

The Newsletter is expected to be the main tool to disseminate the best practices concerning pitched roofs and roof tiles technologies, at the national and international level. The Newsletter will involve contents about *ongoing activities, technical interviews and scientific on-depth analysis* concerning LIFE SUPERHERO Project; it will be published in May and November. All contents will be available via mail, by subscription on [LIFE SUPERHERO Project website](#); on LIFE SUPERHERO [Facebook](#), [Twitter](#) and [LinkedIn](#) homepages.



## **LIFE SUPERHERO at CEN TC 128 SC3**

On 6 November 2021, took place the periodical meeting of CEN TC 128 SC3 “Clay tiles for discontinuous roofs”.

During the CEN meeting, the European LIFE SUPERHERO project has been presented. The project, financed by the UE community, deals with the production of tests and technical standards able to promote the diffusion of “HEROTILE” clay tiles.

“HEROTILE” are tiles optimized to grant, through improved air permeability, the reduction of incoming heat fluxes, cooling needs, also with a positive impact on the UHI (Urban Heat Island). During the meeting were presented the first results of the research. Ten attic flats were monitored to evaluate people behaviour before and after the installation of a new HEROTILE roof. The next step will be a round-robin test on specially developed air-permeability devices, involving the three research centres partners of the project - Centro Ceramico (the Coordinator), UNIVPM, CTMNC - with the other industrial partners - ICP, Terreal, Edilians, Hyspalit, Confindustria Ceramica - and ACER RE.



<https://www.lifesuperhero.eu/life-superhero-at-cen-tc-128-sc3-meeting/>





### **LIFE SUPERHERO project at “LIFE in the New European Bauhaus!”**

LIFE SUPERHERO project will be introduced at the Platform Meeting “LIFE in the New European Bauhaus!”, which will be held from November 15<sup>th</sup> to 17<sup>th</sup>, 2021, both onsite and online.

*The Project Coordinator*, Giuliana Bonvicini will be in person in Brussels, introducing the project activities and results in the framework of the **Session “Energy performance in buildings”** scheduled on November 16<sup>th</sup>; she will also participate in discussions concerning highly topical themes such as “Renovation wave”, “Social housing”, “Participatory approaches”, “Public/private partnership”, etc.

“LIFE in the New European Bauhaus!”, accessible to all, showcases projects financed through the programmes LIFE and Horizon 2020, working on different aspects of the transformation necessary for a carbon-neutral 2050.

<https://www.lifesuperhero.eu/life-superhero-project-at-life-in-the-new-european-bauhaus/>

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## INNOVATION RADAR

### Highlighting excellent innovations in the LIFE Programme

The European Commission's Innovation Radar analyzed the innovation entitled: HEROTILE for ventilated permeable roof. In this analysis, Innovation Radar also identified the following project partner - as a 'Key Innovator' in the development of this innovation:

- Consorzio Universitario per la gestione del Centro di Ricerca e Sperimentazione per l'Industria Ceramica – Centro Ceramico
- Industrie Cotto Possagno S.p.A.
- Terreal Italia Srl

The Innovation Radar platform builds on the information and data gathered by independent experts involved in reviewing ongoing research and innovation projects funded by the European Commission. The aim is to make information about EU-funded innovations from high-quality projects visible and accessible to the public via the EU's Innovation Radar platform. This will show citizens the many excellent technological and scientific advances being delivered by researchers and innovators around Europe, funded on their behalf by the European Commission.

<https://www.innoradar.eu/resultbymaturity/2>

For all other information: [www.lifesuperhero.eu](http://www.lifesuperhero.eu)!

**With the contribution of the LIFE Programme of the European Union.**

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