

POSIFIT

Adaptable technological solutions based on early design actions for the construction and renovation of Energy Positive Homes

Why POSIFIT?

POSIFIT is a Horizon Europe funded project whose aim is to design, implement and validate an advanced and dynamic integrative approach to accomplish Energy Positive Homes (EPH) based on smart and innovative solutions with a high scalability and replicability for building construction and renovation.



POSIFIT has received funding from the European Union's Horizon Europe research and innovation programme. This project is carried out by 18 partners from across Europe that aims to design, implement and validate an adaptable and dynamic integrative approach to accomplish multi-family residential buildings energy positivity.

About POSIFIT

Pilot sites



Guadalajara, Spain
Multifamily and multi floor residential building

Istanbul, Türkiye
Testing advanced retrofit tech and smart control in a university dormitory to enable scalable positive-energy buildings.



Betzdorf, Luxembourg
Energy-positive neighborhood: PV, salt-water batteries, heat pumps, greywater recovery, monitored via post-occupancy evaluation.

Pécs, Hungary
Retrofit of social housing with PV-battery and thermal control to cut energy poverty.



Watervliet, The Netherlands
Energy-positive homes combining PV, batteries, heat pumps and EMS to reduce grid congestion.

Partners



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