



## Partners involved



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## Genk Pilot ThermoVault

### FINANCING



This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant agreement No 857237

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## Location

Genk 

## Objectives

The impact of Local Energy Communities (LEC) regulation will be investigated for a heterogeneous selection of electrically heated apartment buildings from a technological and socio-economic perspective, considered to be representative for Flanders. This pilot objectives are the following:

- Peak shaving and self-consumption by optimizing household boilers at community and household level.
- Customers will save +20% of boilers energy consumption.
- Customers will receive energy savings reports. Customers will save money with the peak reduction service.
- Customers will reduce their carbon foot-print due to the self-consumption service.

## Technologies & Infrastructures

32 apartments in the city of Genk will be part of this pilot. These apartments will be equipped with the following technologies:

### Boilers (smartified by ThermoVault)

ThermoVault IoT modules and cloud service are used for smartify legacy-based assets like water boilers and space heaters.



### Charging poles



### Smart whitegoods



### Smart heat-pumps

