Partners involved

VITO Energy Ville

Cordium
eerste partner in sociaal wonen

Do you want to know more?

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Know more at
https://interconnectproject.eu/pilots/belgium/

@InterConnectPrj

FINANCING

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interconnect

Belgium
Hasselt Pilot

Location

Objectives

About 70 units – between apartments and households – will be intervened in the Belgium city of Hasselt to accomplish the following objectives:

–› For the combination of individual apartment heating and hot tap water: optimal 'charging' profile determination.

–› At apartment level: determining 'charging' flexibility (of heating and boiler) next to optimal 'charging' profile based on the forwarding of selected sensor and measurement data from CW to VITO machine-learning algorithms.

–› Aggregation of all optimal 'charging' profiles and 'charging' flexibility Determination of optimal DHN heat generation profile and heating source selection.

2.

1. 2. dbv architects 3. VRT NWS

Technologies & Infrastructures

The city of Hasselt will be a test field of the InterConnect project in three clusters of multi-apartment buildings and about 70 units of apartments and households in total. The following technologies will be installed:

- Small scale wind turbines
- Gas-fired and electrical heat pump
- Flexible district heating system
- Substations with integrated thermal energy storage

3.