



## Partners involved

EEBUS

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## Associated Partners



# Do you want to know more?

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For the German commercial (hotels) pilot please contact  
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## German Pilot

### FINANCING



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## Location



## Objectives

Three types of demos, with different objectives, will be installed in the German pilot.

### Residential (Norderstedt)

→ Manage overload and underload scenarios using bi-directional communication from grid to device level via an energy management system (EMS).

→ Manage flexibilities to provide grid services and to optimize energy costs.

→ Show real interoperability through use of various manufacturers.

→ Demonstrate transition of mobility and heating as well as transition to renewable energy productions at no grid expansion.

### Hotel Guests (Hamburg)

→ Installation of smart charging infrastructure.

→ Develop a future-oriented hotel providing grid compatible and tariff-based charging infrastructure.

### Hotel operators & owners (Hamburg)

→ Turn you into a leading pilot in terms of smart charging concepts.

→ Support grid stability and the consumption of green energy.

→ Work on the prevention of power blackouts and guarantee stable supply of charging power.

## Technologies & Infrastructures

Residential homes and apartments will be intervened in the residential demo that will be installed in the city of Norderstedt. In Hamburg, several hotels will be part of the commercial demo, that will target guests and hotel operators and owners.

### Technologies

Smart meter gateway



Energy manager



Charge point operator



EV charging station



Operation and energy management data integration platform



HVAC system



PV System

