

BienVEnu Project

An innovative Smart City project to support the deployment of electric vehicles (EV) in collective housing. BienVEnu provides an innovative electric mobility solution for collective housing managers and residents who want to take part in the energy transition to low-carbon vehicles.

Coordinator : Enedis

Manager of the public electricity distribution network

The project includes:

The parking's pre-equipment to install the recharging infrastructure, allowing residents and electric vehicle owners to recharge their vehicles right at home

A car-sharing service: at least two vehicles in self-service, accessible to all depending on individual needs

An economical way to enter the world of electric mobility

The experimentation aims at showing the feasibility of charging stations in collective housing, at a competitive price. At the end of the project, the offer will be maintained by one of the partners – Park'N Plug – to ensure the installation's sustainability. BienVEnu intends to not only study the technical challenges but also develop a fully functioning and lasting ecomobility service.

Some context to the development of this project:

65,000 electric vehicles are currently on the road in France, and 500,000 are expected by 2020.

Residential housing is potentially one of the main locations for EV charging

Public charging stations alone will not be able to sustain the users' demand

The number of charging points in urban areas is currently limited, hindering on the development of electric mobility

Today the average motorist drives 31km a day, which is perfectly in line with the EV's autonomy (ordinarily around 150km)

Recent legislation on new mobility and its focus on environment make electric mobility a real possibility

BienVEnu is an answer to the challenges the energy transition raise, on both social and regulatory levels.

We need to organise a smart energy management that ensure the sustainability of the projects.

We will aim to find out how to avoid any electric shortage during peak hours.

This project will also focus on the use of renewable energies to relieve the electric network.