



BienVEnu

A solution for EV charging
in existing collective
housing



CONTEXT

Widespread deployment of the electric mobility

- 1 million electric or rechargeable hybrid vehicles in 2030
- the main place to charge is the housing
- 60 % of the principal residences in the collective housing

BienVEnu is :

- An **evolutive infrastructure**, thanks to a cluster configuration and a cable going through the parking, pre-fitting it with as many parking spots as needed
- **Smart management**, optimising of the charge on the cluster.
- The opportunity to discover electric mobility with a **carsharing** service

OBJECTIVES

Innovation

- Test out an EV charging solution in existing collective housing by the way of a **modular equipment**
- Design a **smart charging algorithm** in collective housing to optimize charging at the level of the cluster of electric vehicles
- Facilitate electric mobility and **accessibility to charging stations**

Economy

- Experiment **new commercial offers**, allowing the rapid deployment of electric vehicles
- Develop an economical model around **car sharing**

OBJECTIVES

Environment


- Facilitate the **adoption of low carbon vehicles** for private individuals
- Find answers to **the environmental issues and challenges** that motivate its development

Social


- **Identify the restraints** related to the human factor
- **Be a part of social change** management
- Conceive and **adapt commercial offers** according to user and non user feedback


PARTNERS




 **Centrale Supélec**
EV charging algorithm and studies

 **Trialog**
Compliance with communication standards


 **G2Mobility**
Charging stations and management

 **Nexans**
Indoor cabling and charging stations

 **Enedis** – grid connection and metering
Enedis : project coordinator

Public service

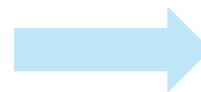
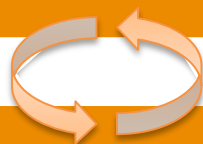
 **ParkNPlug**
Charging service operator

 **Clem'**
EV sharing service

 **Tetragora**
Behavioral studies

Building managers
(private lessors, social lessors, condominium owners)

Electric vehicle users



EV mobility services

OVERVIEW



Where ?

Île-de-France



Who ?

- Condominium owners
- Social lessors
- Private lessors



When ?

Since september 2015
for 3,5 years

RiVP



SNI
ILE-DE-FRANCE

Val d'Oise

■ Pontoise

78

Yvelines

■ Versailles

Evry

■ Melun

91
Essonne

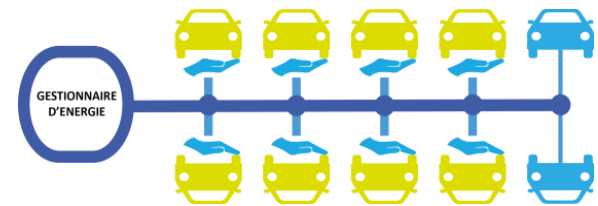
Seine-et-Marne

77



SUCY EN BRIE

Residence
Fondary



X 10 immeubles

avec 2 à 40 bornes par
immeuble

Visibility

july
16



Presentation to the French President and Ministry of Environment for the 1st anniversary of the Energy Transition Law

june
16



Grand Jury Prize for the Energy Transition Trophies, held by l'Usine Nouvelle

50 people

present at the inauguration of the first equipped parking lot, in Paris, October 2016 : press, representatives, partners, prospects...

76 news posts

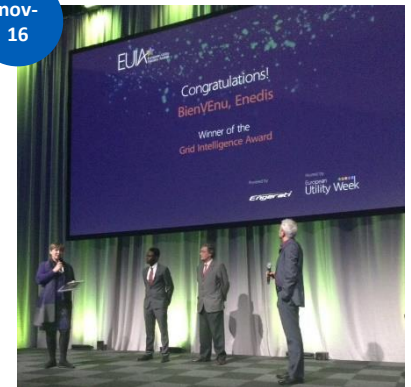
incl. posts from Moniteur, Avere, BFM TV, Le Parisien, Usine Nouvelle...

march
17



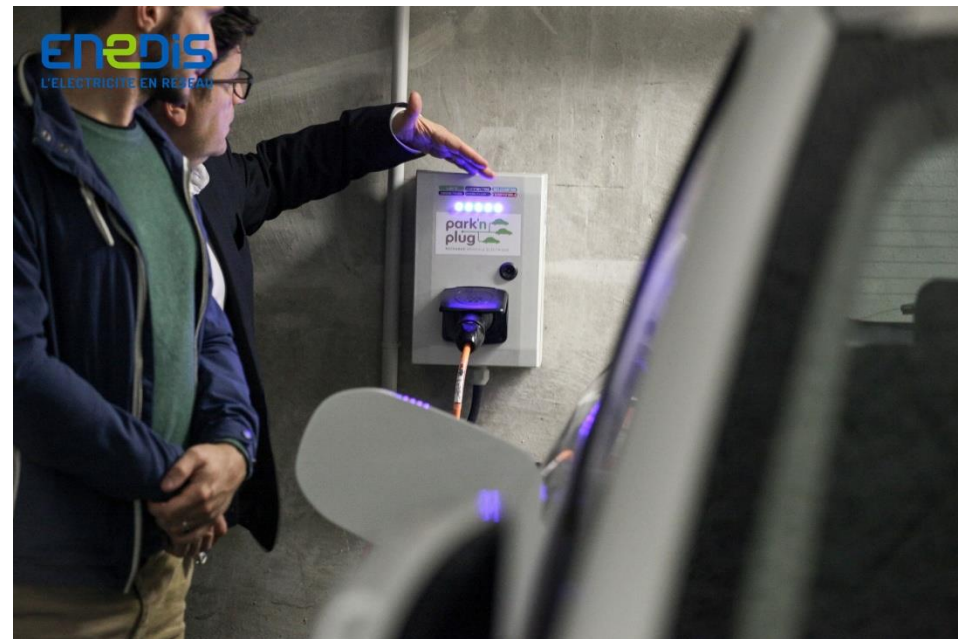
Inauguration of the equipped parking lot in Cergy attended by the Ministry of housing

nov-
16

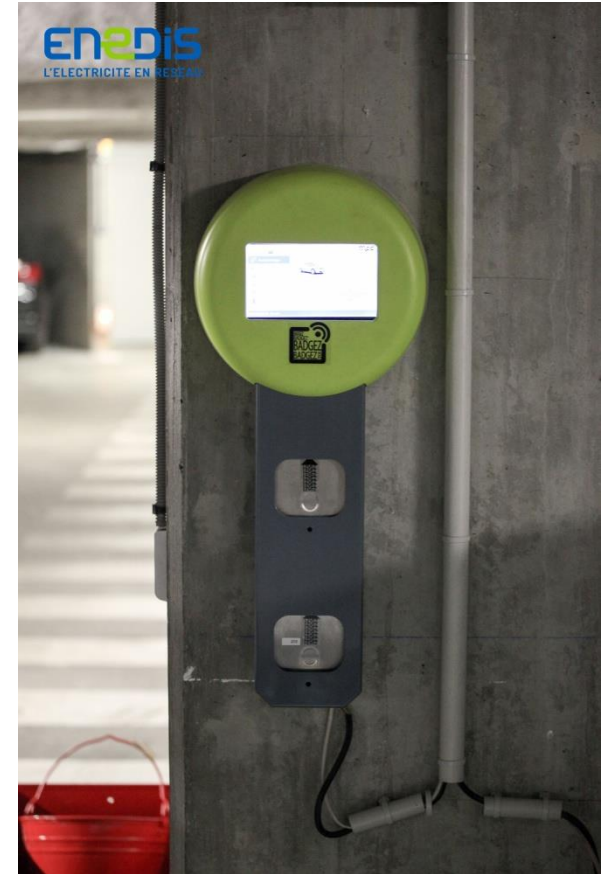
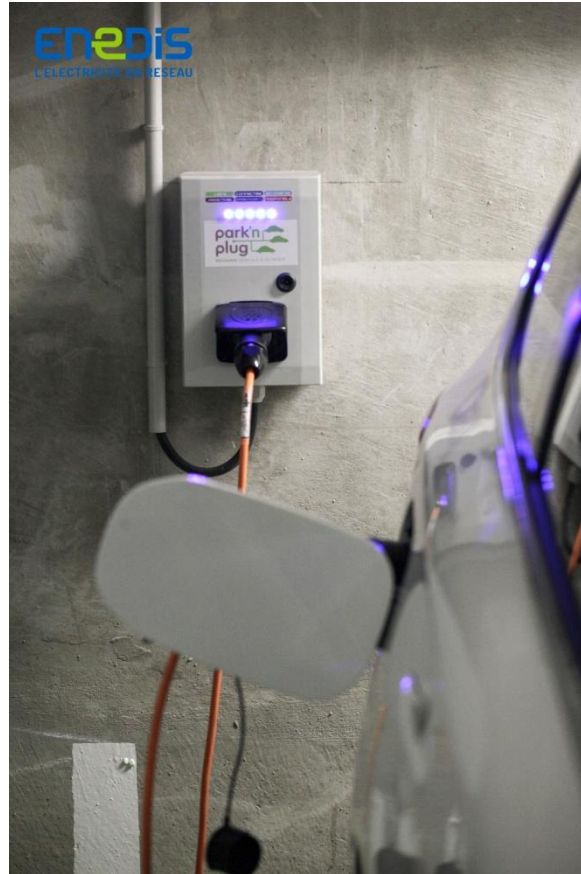


Winner of the Grid Intelligence Awards at Utility Week 2016

Installation



Installation





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And by the Île-de-France Region



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