



# ev4eu

## Electric Vehicles Management for carbon neutrality in Europe



### Portuguese Demo São Miguel Island



#### Building

Regional Civil Engineering Laboratory - LREC

Contracted Power:  
**116.25 kW**

Annual Consumption (2019):  
**130,6 MWh**

Solar PV:  
**15 kWp**

**40 daily users + visits**

Controllable Loads:  
**Water heater,  
Central Air Conditioning**



#### Campus

(EDA HQ)

Secondary Substation  
Installed Power:  
**400 kVA**

Annual Consumption (2022):  
**652 MWh**

Charging Points:  
**10 x fleet + 10 x V2G**

EV fleet:  
**35 Vehicles**



#### Houses

**7 x Houses**  
**Solar Panels**  
**Batteries**

EV Fleet:  
**Nissan Leaf + Mazda MX-30 +  
Opel Mokka-E + BMW i3**



#### Consortium - Participants



#### Associated Partners



#### About our demos



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