

Electric Vehicles Management for carbon neutrality in Europe



Portuguese Demo São Miguel Island







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**



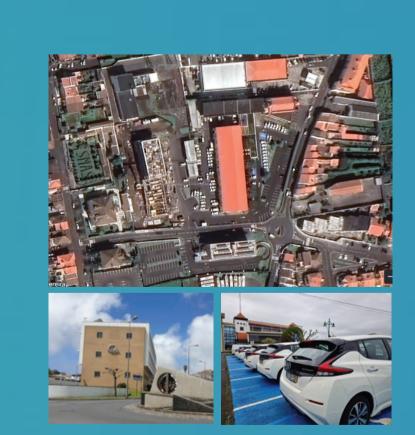


Secondary Substation Installed Power: 400 kVA

Annual Consumption (2022): 652 MWh

> Charging Points: 10 x fleet + 10 x V2G

> > EV fleet: 35 Vehicles

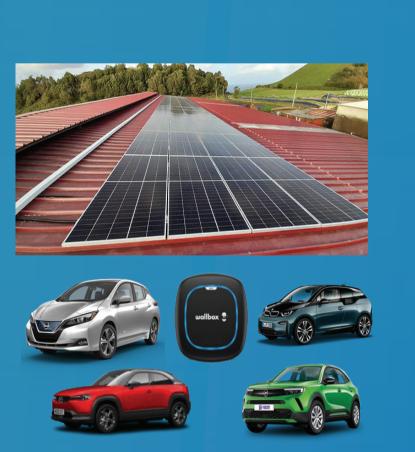




Houses

7 x Houses **Solar Panels Batteries** EV Fleet:

Nissan Leaf + Mazda MX-30 + Opel Mokka-E + BMW i3



Consortium - Participants























Vestas_®















Associated Partners















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