

# Barcelona demonstrator: charging at work



**What:** Offer the possibility to charge at work for employees owning an electric car through shared charging points and optimal use of energy to minimize cost and environmental impact.

**Why?** The uncertainty of finding access to charging points contributes to dissuading car buyers to shift to electric cars.

**Our aim:** To make the life of electric cars' drivers easier and to minimise investment costs in charging infrastructures.

## Target groups:

- Owners of electric cars
- Companies (employers)
- Facility managers

## Innovative features:

- Booking of charging point
- Maximising charging infrastructure usage
- Optimal and coordinated use of energy to meet preferences and constraints

## Enabling features (state of the art):

- Private charge points for collective use
- Use of solar energy produced locally
- ICT: sensors, software applications (apps, monitor, control)
- eRoaming – multiple premises accessibility

## Contributors:

- Eurecat (charging point operator, facility manager, software provider for booking and energy management)
- Hubeject (eRoaming operator)