

Replicable Practices

REMOURBAN: Valladolid, SPAIN

Local incentives setting records for e-mobility in Valladolid

The H2020 funded REMOURBAN project had the ambition to accelerate the deployment of innovative technologies, organizational and economic solutions to increase energy efficiency, improve the sustainability of urban transport and reduce greenhouse gas emissions in urban areas. It selected 3 lighthouse cities to implement these goals in : Valladolid (Spain), Nottingham (UK) and Tepebasi (Turkey).

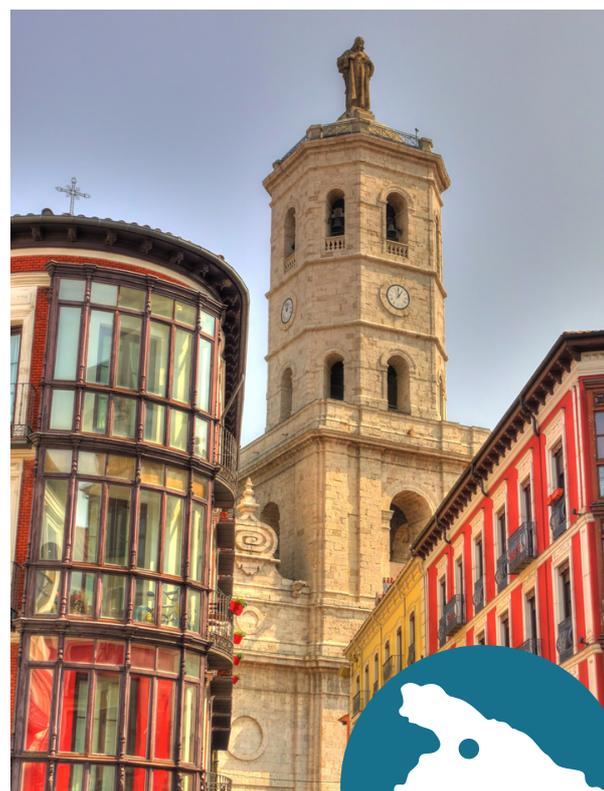
The Measures

With REMOURBAN, the city council of Valladolid launched economic incentives aimed at auto-taxis, last mile deliveries and private companies, as well as hotels, supermarkets, malls and gas station in the city. The incentives have been accompanied with the improvement of the public charging infrastructure through an agreement with IBERDROLA, amounting to 63 charging stations. The idea was to have more e-vehicles available through charging stations and free parking in convenient places (close to shopping centers, hotels, etc.)

5 new electric buses are now crossing the city in the Low Emissions Zone, charging with 2 big infrastructures based on pantograph.

It was important to implement and promote the use of clean powered (both public and private) vehicles, while improving the clean transport infrastructure.

All these measures were complemented through ICT technologies and strategies like the development of Smart Phones apps as an Aid to Mobility (AtM) and a ticketing system or the implementation of unique contactless RFID cards to enhance the intermodality among buses, rented bicycles and car sharing.



12 mobility
actions in
Valladolid

63 charging
stations

First hybrid
E-bus in
Spain



PROSPECT+ fosters capacity building in regional and local authorities in order to finance and implement effective and efficient sustainable energy plans, including their proper monitoring and verification.

<https://www.h2020prospect.eu/>



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Impact from the whole project

Total investment in REMOURBAN actions:
14,2 M € (90% PUBLIC)

Energy savings:
6,858.735 MWh/yr (40%)

CO2 emissions avoided:
2,841.40 TNC02/yr (50%)

Impact in Valladolid

Average energy savings per citizen
(5,700 involved citizens):
459.42 kWh/yr (5%)

CO2 emissions saved in mobility:
193.16 tCO2/yr

Key success factors / replication potential

- Incentives for fostering e-mobility in private sector (based on data)
- Public transport (e-buses) with opportunity charging via pantographs
- Citizen engagement through our Electric Vehicle Office as main point of contact
- Business model for services sector (hotels, shopping centres, ..)
- All mobility actions under the umbrella of a wider strategy

More info and contact

www.remourban.eu

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