

Promotion of the electric vehicle

2014

 **University**
University of Valladolid
Country
Spain

Location 
Urban

Size 
20,000-30,000

Mobility Organizational Structure 
Office for Environmental Quality and Sustainability

Summary

The University of Valladolid wants to promote electric mobility by the progressive replacement of its in-house combustion vehicles. For this to happen, it has made an investment in the installation of electrical top-up infrastructure, the purchase of electric vehicles and bicycles, courses and informative workshops about electric mobility.

Aims

Promote the use of electric vehicles to replace in-house internal combustion vehicles.

Stakeholders

- IBERDROLA.
- EREN (Local energy authority).

Background

Not available.



Description

The project has begun with the acquisition of a Renault Kangoo van for the internal mail service with plans to purchase another, and the acquisition of electric bicycles; 10 are currently available.

The University of Valladolid has installed a charge point in the car park of the Paseo del Cauce Industrial Engineering School for topping-up electrical vehicles. The charge point has load modes 1 and 3, with Schucko type 2 connector, 25 kW maximum power and a maximum of 48A.

Furthermore, through the Castile and Leon Regional Energy Authority, and as a result of an agreement signed with IBERDROLA, another three charging points have been installed on our campus:

- Santa Cruz Femenino College car park. C/ Real de Burgos, s/n. 47011 Valladolid.
- The School of Architecture car park. Avda. de Salamanca, s/n. 47014 Valladolid.

- Yutera Campus. Avda. de Madrid, 44. 34004 Palencia.

These locations are expected to cover the demand for topping-up our vehicles on any University Campus in Valladolid and Palencia.



Indicators

- Users of electric bicycles.
- Number of top-ups at charge points.



Results

Not available.



Expense

45,000 euros.



Financing

IBERDROLA and University of Valladolid.

 Findings

The electric vehicle is in constant use with highly satisfactory results, and the electric bicycles have been widely accepted.

 Pictures



Fig. 1. Electric vehicles



Fig. 2. Electric bicycle

 Links

- <http://www.uva.es/export/sites/uva/7.comunidaduniversitaria/7.09.oficinacalidadambiental/index.html>

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