

SUPPORT FOR ELECTRIC VEHICLE PROGRAMMES

IBERDROLA views electric vehicles as a valid option for maximising energy efficiency, utilising renewable energy, reducing CO₂ emissions to the atmosphere from the transport sector, and cutting dependence on oil.

For more than 10 years, the company has been working on various projects in this field. Among them are the Zeus Project between 1996-1998 with the Mondragon Group, the Viel, developed at the company's San Agustín de Guadalix centre between 2002 and 2004 and a pilot project with the Valladolid city council to introduce electricity-fuelled motor cycles and recharging facilities.

Currently, IBERDROLA is involved with international working groups including one coordinated by the prestigious Electric Power Research Institute in the United States, and has begun a number of initiatives in this field:

1. **EPV Project (Electrical Powered Vehicles):** the company is leading this initiative with a budget of one million euros, aimed at introducing an electric car to the urban transport fleet in the Valencia region. The company is working to identify future usage patterns, new business models and standardised solutions for recharging. Also in the framework of the EPV, it will analyze the use of wind power for vehicle recharging, adapting demand associated with this type of transport to periods of maximum generation.
2. **In Glasgow,** the group is collaborating in a project to develop infrastructure for electric vehicles in the city. ScottishPower is focusing activities on design and construction of recharging points.
3. **Agreement with General Motors:** together with General Motors Europe, IBERDROLA is carrying out a study into the technical requirements for energy supply infrastructure associated with the introduction of rechargable electric vehicles.
4. **Report on the contribution of Information and Communications Technology (TIC) to the sustainability of transport in Spain:** the company has participated in this report published by the Royal Engineering Academy by coordinating a chapter on the requirements of telecommunications networks for electric vehicles.

