

Abstract

Ramon Pruneda

Organisation : Barcelona City Council

Short description:

Barcelona, the capital of Catalonia, is the second largest city of Spain in terms of population (1.628.090 inhabitants) and the centre of an important European metropolis (Barcelona Metropolitan Area: 4,928,852 inhabitants). There are about 3 million daily connection journeys, of which around 40% are made by private transport. About 4 million daily journeys are made in the city (internal journeys), of which 81% are made on foot, bicycle or public transport.

Presentation title: Electro-mobility implementation in Barcelona

Executive Summary of your Abstract:

Since several years ago, the city of Barcelona has been identifying and developing initiatives promoting electric mobility. Finally, at the beginning of 2009 the Municipality decided to coordinate, gather knowledge and impulse, in a joint scheme, a general and unified plan for the strategic implementation of the Electric Vehicle. With this objective, the study phase of the LIVE Project (Logística para la Implementación del Vehículo Eléctrico - Logistics for the Electric Vehicle Implementation) was started.

Abstract:

At 2009 the Municipality decided to coordinate, gather knowledge and impulse, in a joint scheme, a general and unified plan for the strategic implementation of the Electric Vehicle. With this objective, the study phase of the LIVE Project (Logística para la Implementación del Vehículo Eléctrico - Logistics for the Electric Vehicle Implementation) was started.

Administration coordination through the LIVE Project has been successful, by means of the articulation of the principal departments implied (Mobility, Environment and Economical Promotion) and the rest of public organisations, users and key enterprises. Another significant indicator obtained in the LIVE Study stage is the need of promoting other actions and initiatives apart from the infrastructure development and Electric Vehicles incorporation into the mobile fleets. There is also the need of accompanying actions such as communication, training, industrial and technological local impulse, incentive actions, etc. As a result, all these coordination and accompanying initiatives would need a public/private organisation exclusively devoted to obtain these results. For these reasons, the LIVE Project continues through the creation of the LIVE Platform.

Resumé:

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Ramon Pruneda is Project Manager in Strategic Sectors in the Department of Economic Promotion of Barcelona City Council. He is doing dynamic and leading projects in the areas of industry, transport and energy. One of the main projects is the management of the LIVE Platform. Previously he has led the technical and commercial development of Sustainable Electro Mobility Solution in ALTRAN Technologies (international consultancy).

He complements his professional experience with projects of energy saving and efficiency in buildings and industrial systems and has been engineer on processes of automotive companies like VALEO, SIEMENS Automotive and CONTINENTAL Corp. Curriculum Vitae in brief - 2-3 sentences on your education, current work, responsibilities)

Recommended reading:

- [1] Reinventing the Automobile. Personal Urban Mobility for the 21st Century. William J. Mitchell, Christopher E. Borroni-Bird, and Lawrence D. Burs. MIT PRESS, 2010.
- [2] Spanish Capabilities in the Eco-electro Road Mobility Sector and the FP7 Green Cars Initiative. Tecnoebro, Ministerio de Ciencia e Innovación & Sernauto, 2009
- [3] Diagnosi i Perspectives del Vehicle Electric a Catalunya. Joan Pallisé & Francesc Astals. CADS, 2010.
- [4] Built your own Electric Vehicle. Bob Brand. TAB Books, 1994.
- [5] How to Avoid an Electric Shock? European Federation for Transport and environmental. AISBL, 2009.
- [6] Understanding Electric Vehicle Infrastructure. Inform developed by City of Westminster. April 2009.
- [7] Electrification of Road Transport. European Roadmap. Version 3.5. ETRAC, 2009.
- [8] Technology Roadmap. Electric and Plug-in Hybrid Electric Vehicle. International Energy Agency (IEA), 2009.