

ZAC-eMovin

Electromobility solutions dedicated to industrial activity zones (ZAC)

The e-mobility concept is gaining momentum around Europe and many cities have already launched new transportation schemes involving electric and hybrid vehicles. In Luxembourg, new projects are underway to offer more environmentally-friendly options to citizens, with different solutions being developed for public, private, professional and recreational transportation.

Context

The Luxembourg government is interested in adopting many green solutions over the coming years and is in particular focusing on the electric car, with the aim of creating a network of charging stations across the country to encourage widespread use. Electric cars offer many benefits over cars with traditional combustion engines, such as better efficiency, less noise pollution and zero CO2 emissions when combined with renewable energy. Taking a significant step towards the development of a national e-car strategy, ZAC-eMovin will install and trial an electric car sharing network for professional use in Luxembourg.

Innovation

Co-managed by Luxembourg Institute of Science and Technology (LIST) and CEPS/INSTEAD, ZAC-eMovin aims to propose innovative solutions to work-related commutes by trialing and studying e-car sharing in three industrial activity zones around Luxembourg City. A charging station and electric car will be available to employees at a participating company in each location: Enovos in Strassen, P&T in Cloche d'Or and Tudor in Kirchberg. Car-sharing to travel to meetings and events is envisaged as the primary use, but car-pooling from home to work may also be organised. A specially designed electronic registration system will monitor e-car use by employees to better understand the potential for wider implementation at business locations around Luxembourg.

Impact

Through a demonstration of professional use by three different types of companies in different urban locations, ZAC-eMovin will provide important insight into the potential for e-cars in Luxembourg. This pioneering installation will help inform the development of a national e-mobility strategy and clearly show the attractiveness and benefits of e-car use. The pilot will be accompanied by the development of mobility apps adaptable to a wider context. In addition to providing support for strategy development, ZAC eMovin will also create greater general awareness of car sharing and e-mobility options, helping to generate interest among the public and professional sector.



Partners

- Luxembourg Institute of Socio-Economic Research (LU)
- Enovos (LU)
- POST Luxembourg (LU)
- PSA Peugeot Citroën (FR)

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