PUBLIC RESEARCH CENTRE HENRI TUDOR

ZAC-eMovin
KICK OFF MEETING 16th AUGUST 2011

Project presentation

enovos

P&T LUXEMBOURG

CEPS INSTEAD

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ZAC-eMovin

Objectives:

- Install the **infrastructure** to illustrate the **feasibility** of an e-mobility concept considering traffic **aspects of commercial activity zones** (e.g. cross boarder commuters)

- **Identify conditions** for further integration and up-scaling of this e-mobility infrastructure and **service provision** into the national e-mobility network by developing a proposal for an ‘open access’ infrastructure

- **Contribution** to the national pool of **e-mobility experiences** by optimizing existing and new **infrastructure**, promoting **intermodality** and deploying **Intelligent Transportation Systems** (ITS)

- **Assist stakeholders** by providing them with **insights** and **recommendations** for future actions, notably in the deployment of e-mobility infrastructure facilities, mobility services and business models

- **Evaluation** of **socio-economical aspects** as well as **ecological aspects** to assist stakeholders by providing them with **insights and recommendations**

ZAC-eMovin characteristics

Originality:

- Integrated concept combining electro cars and public transport systems in commercial activity zones

Participants:

- ENOVOS, EPT, CEPS Instead and CRP Tudor as partner and coordinator
- PSA as a methodological partner

Project duration:

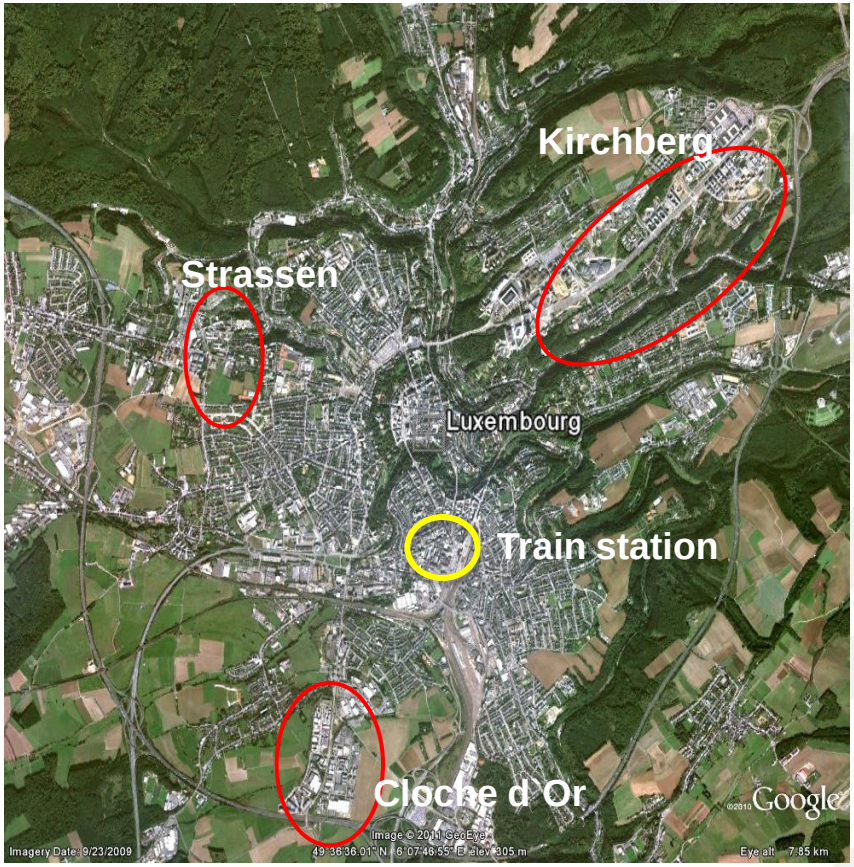
- 24 months
- Start date: 01st August 2011

Co-Financing:

- FEDER: Axis 2.2
- MDDI Contribution

Partners of ZAC-eMovin

- Project partners of ZAC-eMovin are ENOVOS, EPT and CRP Henri Tudor, which are situated in three different action areas of Luxembourg City
- ZAC-eMovin would be localised in region of the centre of Luxembourg, in the commercial activity zones (Cloche d'Or, Strassen) & Kirchberg
- Professional travels
- Great variety of activities (industrial, economical, commercial zones,...)
- Link with public transport



Tudor's role

- **Project Partner**
- **Involved in all phases as project coordinator & Partner**
  - **Contribution to the its axis: ICT for sustainable mobility**
  - **Developing Complementary ICT Solution (information system)**

Benefits

Visible results:

- Loading infrastructure combined with electro cars
- Mobility services (electro cars in car-sharing and car-pooling)
- Services implementation (applications for mobiles, recharge, etc.)
- Definition of profiles of e-cars users

Advantages:

- Attractiveness for enterprises and employees
- Support intermodal split (work/residence)
- Contribution to the reduction of greenhouse gases
- Pioneer Role for implementation of electro mobility

Principal Activities

- **WP0: Project management, Dissemination and Exploitation**
- **WP1: ZAC e-mobility requirements and model characterization**
- **WP2: Architecture and Pilot Development**
- **WP3: ICT Applications and Services**
- **WP4: Legal Aspects and Recommendations**
- **WP5: Experimentations and Demonstrations**