I. ELMO$^S$ – Objectives & Concept

II. ELMO$^S$ – Regions & Partner

III. ELMO$^S$ - Implementation
Does Europe need Innovative Mobility Solutions?

Background & Challenges
Europe 2020 – EU’s Growth Strategy

Fostering a high-employment economy delivering economic, social and territorial cohesion

Promoting a more resource efficient, greener and more competitive economy

Developing an economy based on knowledge and innovation
The improvement and sustainability of urban transport systems is a prerequisite for the quality of life, wellbeing and safety of citizens.

60 to 80% of greenhouse gas emissions stem from urban areas and city regions, traffic contributing considerably.

Cars, which account for 66% of road emissions, are at the heart of the problem.
ELMO$^S$ – Objectives & Concept
ELMO$^S$ overall goal is to promote more sustainable transport through the development of electromobility solutions for cities and regions.
ELMOs Budget: 2,7 Mio EUR

Pannon Novum Budget: 171 TEUR, prefinanced (EU contribution: 85%)

10 Project partners, 9 Work packages

Duration: 36 Months.

Reporting: mid-term (18. Month) and final report (36. Month).
I. Paradigm Shift: From Ownership to Usage

Development of concepts for future business models able to create new mobility patterns in urban environments.

II. Cross-border Field Tests

Design of cross-border field tests to demonstrate state-of-the-art in technology and infrastructure, to identify further research needs and to analyse acceptance by users.

III. Joint Action Plan

Elaboration and adoption of a cross-border action plan to strengthen the research and knowledge base and contributing to competitiveness of European «mobility industries».
ELMO$^S$ Consortium

Regions & Partner
Consortium

846

- Business Entities: 28
- Research Entities: 27
- Public Authorities: 31
- Other Stakeholders: 27

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Roles, Responsibilities & Timeframe

ELMOS – Implementation
» Promotion of Electromobility Solutions at all Levels

_ Removal of regional barriers through knowledge exchange
_ Provision of training tools and an «Electromobility Inventory»

» Economic Development & Competitiveness

_ New business models (e.g. car-on-demand) and passenger information will trigger new value-creation-chains in ICTs, automotive and energy sector.

_ Value creation for new electric vehicles by 2020-2025 is projected on minimum 600,0000 accounting for approx. 18 bn Euro

_ Standardisation through cross-border field tests will create added value via new patents and applications (e.g., charging facilities, battery leasing models etc.)
More RTD Projects & Increasing RTD Investments

- Definition of at least 3 new RTD projects during the project term

- ELMO® capitalisation on public and private investment could amount to 100 million Euro in the first years after the project for new model projects to be implemented, new products and services development.
Many Thanks for Your Audience!

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