



ELMO^S

Electromobility Solutions for Cities and Regions



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Funded by





Agenda

I. ELMO^S – Objectives & Concept

II. ELMO^S – Regions & Partner

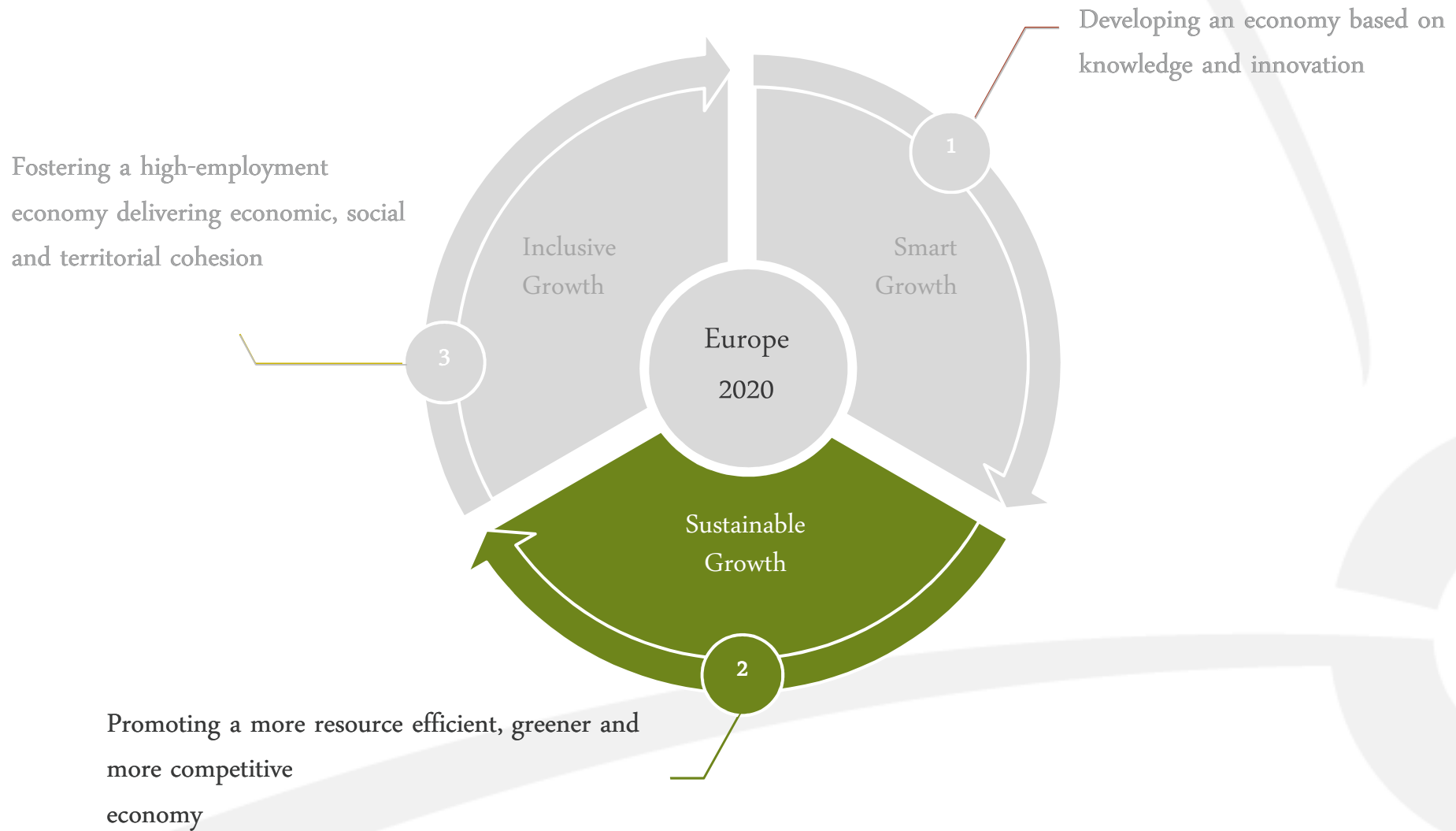
III. ELMO^S - Implementation

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Does Europe need Innovative Mobility Solutions?

Background & Challenges

Europe 2020 – EU's Growth Strategy



Why Urban Mobility Matters (I)



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.



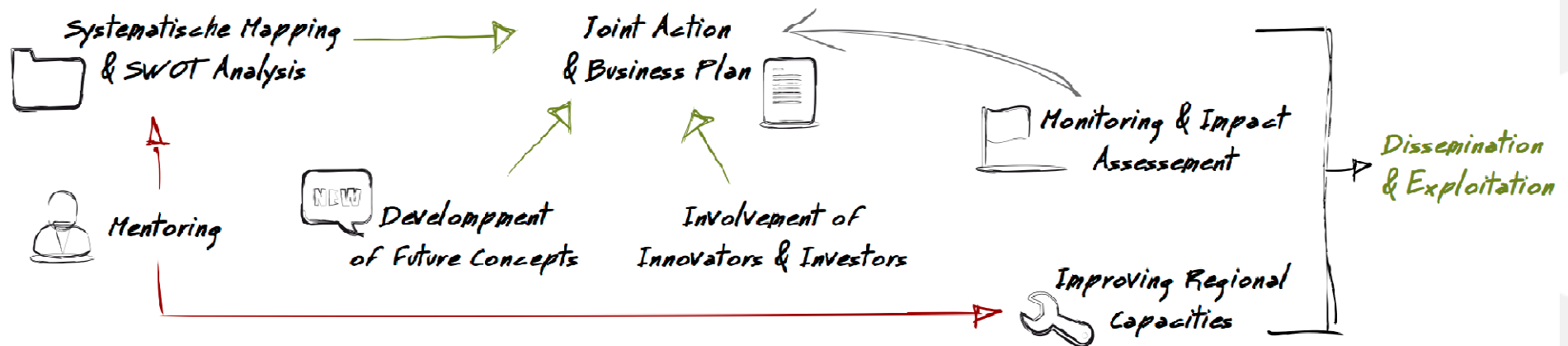
Cars, which account for *66% of road emissions*, are at the heart of the problem.

Electromobility Solutions for Cities and Regions

ELMO^S – Objectives & Concept

Goal and the process to achieve it

ELMO^S overall goal is to promote more sustainable transport through the development of electromobility solutions for cities and regions.





Frames of the project

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).



Project Objectives

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

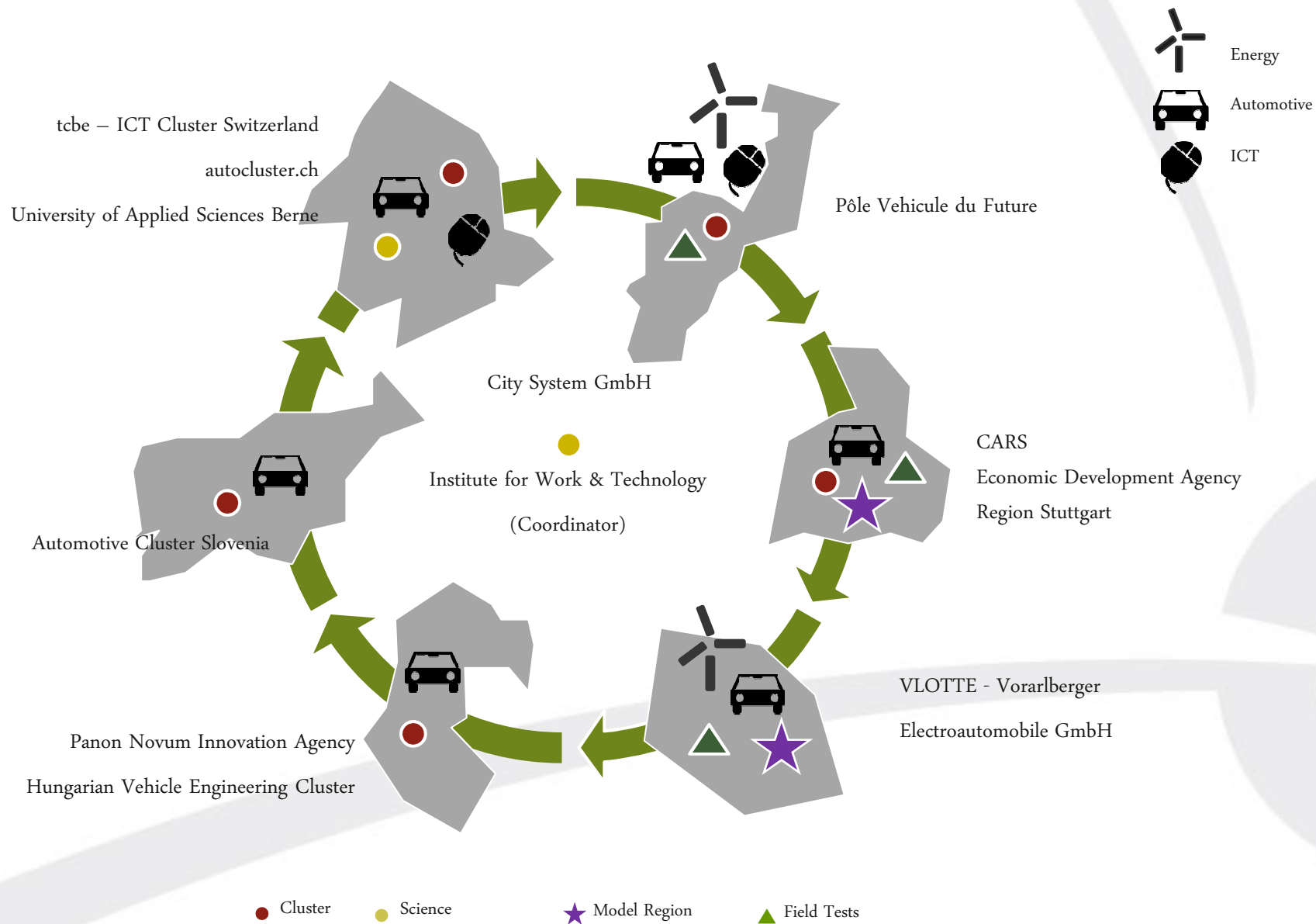
Elaboration and adoption of a cross-border action plan to strengthen the research and knowledge base and contributing to competitiveness of European «mobility industries».

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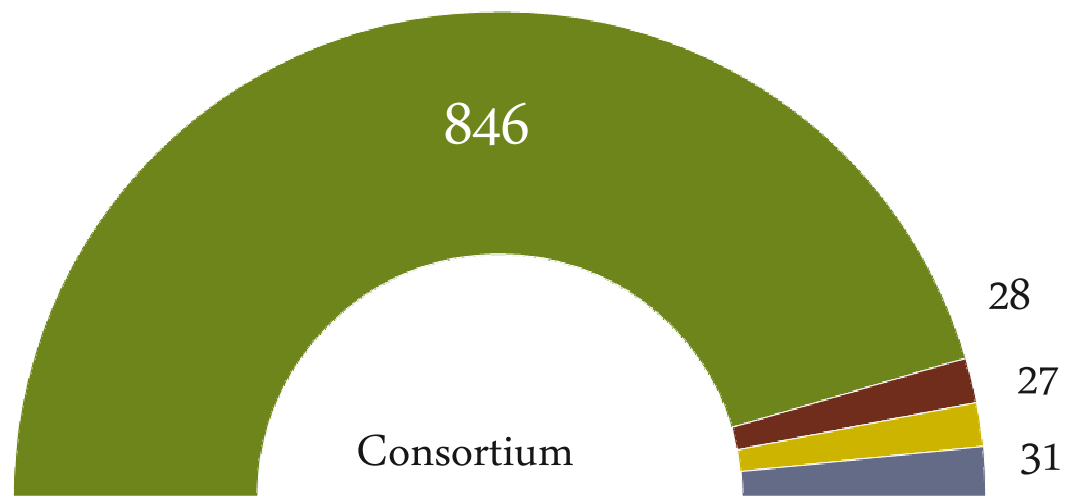
ELMO^S Consortium

Regions & Partner

Partner & Competencies



Consortium

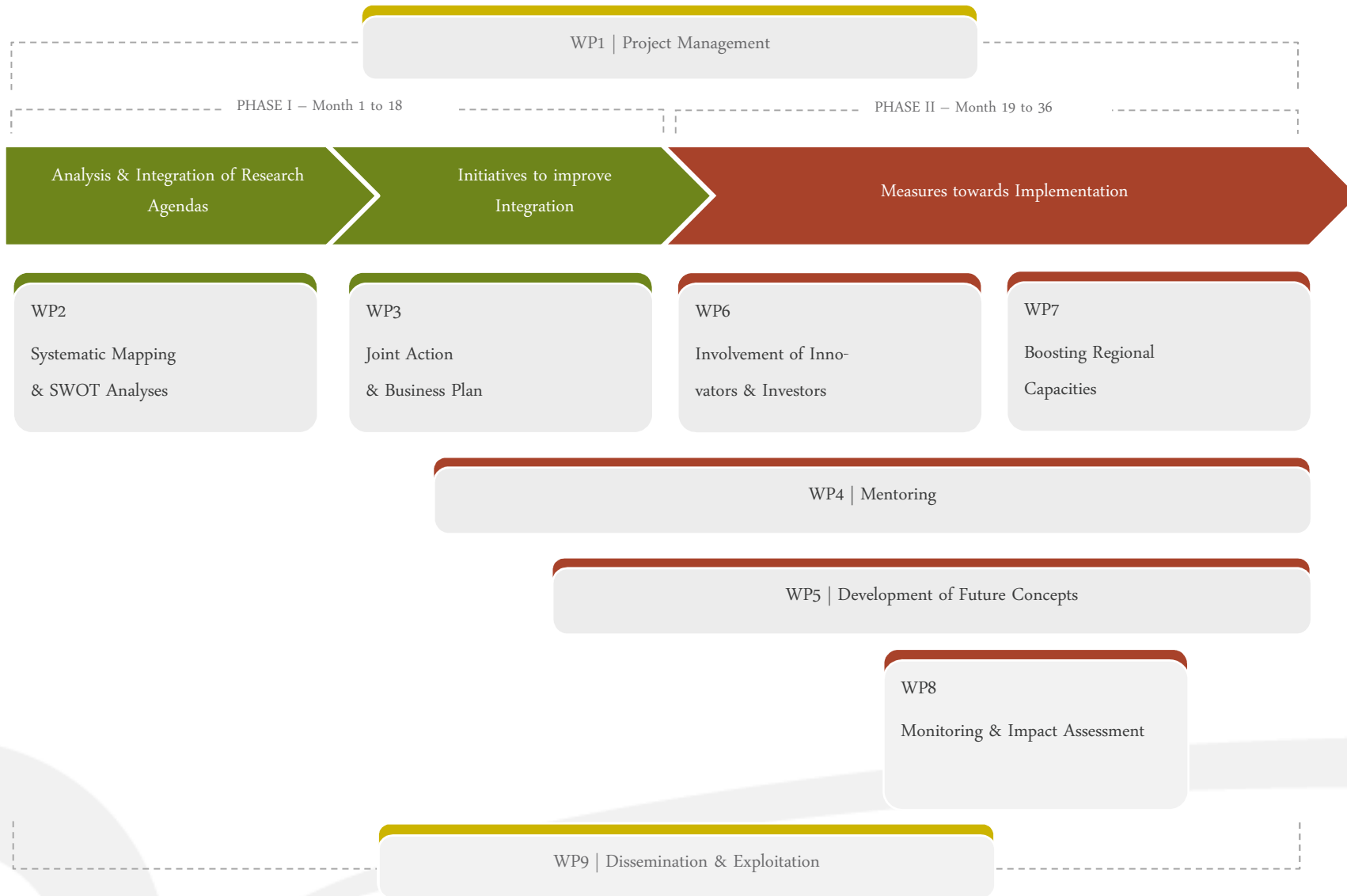


- Business Entities
- Research Entities
- Public Authorities
- Other Stakeholders

Roles, Responsibilities & Timeframe

ELMO^S – Implementation

Project Flow



Expected Impacts

» 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 600,000 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.)

Expected Impact II

» More RTD Projects & Increasing RTD Investments

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