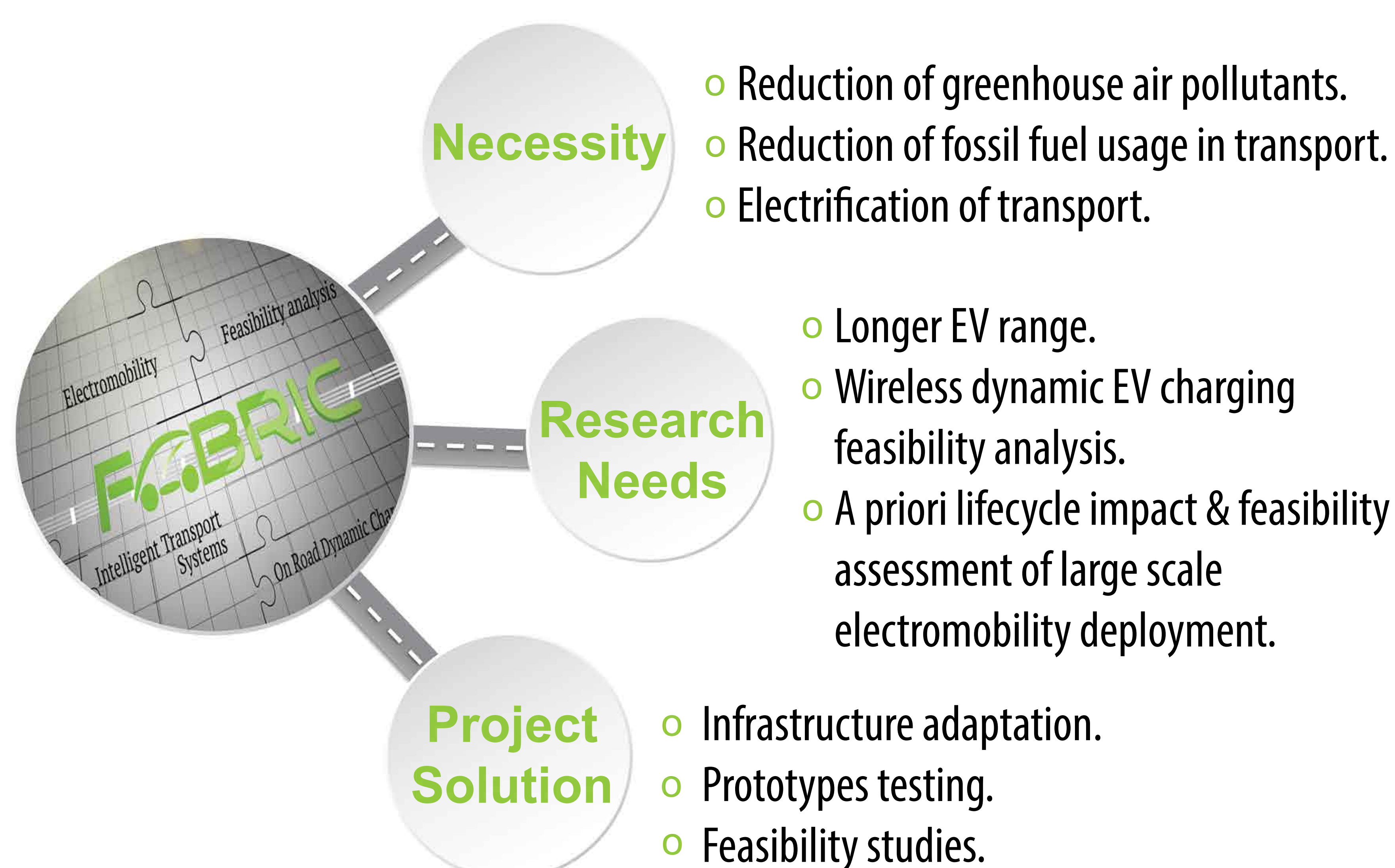




Paving the way for large scale deployment of electromobility

Motivation & Objectives

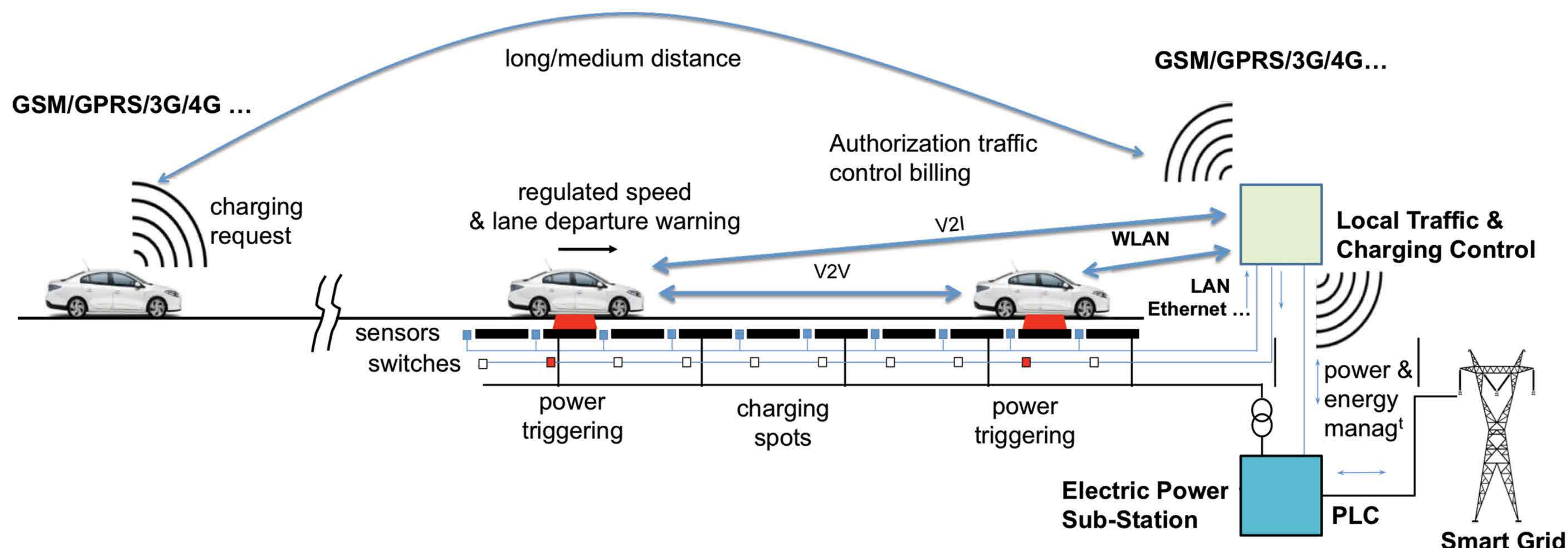


Basic objectives:

- Development and testing of advanced ICT and charging solutions;
- Specifications for integration with road and grid infrastructures;
- Long-term socioeconomic impact and feasibility studies for large scale electromobility implementation.

Technical Approach

In order to access the technological feasibility and long term viability of FEV wireless dynamic charging solutions and the large scale deployment of electromobility, adapted EVs, ICT and wireless power transfer solutions, road and grid infrastructures will be integrated in three FABRIC test sites in Italy, France and Sweden. Testing and validation of prototypes will be performed to feed a thorough feasibility analysis and impact assessment with respect to the users, the society and the environment.



Achievements

The FABRIC expected achievements are:

- Road and grid infrastructure adaptations to support dynamic EV charging;
- Development of prototypes for static, stationary and dynamic wireless EV charging;
- Study of the EM safety aspects;
- Contribution to standards;
- Feasibility study for the large scale deployment of dynamic charging solutions and economic sustainability study.

PROJECT FACTS

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Duration 48 Months
DG / Unit Research and Innovation
Budget 9 M€
Funding 6.5 M€



This project has received funding from the EU's FP7 for research, technological development & demonstration under GA no 605405

Consortium



Supported by:

