



Feasibility analysis and development of on-road charging solutions
for future electric vehicles

Workshop objectives and methodology

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FABRIC Deployment Scenarios Workshop
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Structure

- 1 Context of this Workshop in the assessment phase of FABRIC
- 2 Information provided in the workshop and expected input from participants
- 3 Workshop objectives.
- 4 Methodology

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Context of this Workshop in the Assessment phase of FABRIC

Road infrastructure impact and solutions



- Assessment of e-roads using Life Cycle Analysis and Costs (LCA & LCC)

Integrating EVs with ICT, transfer and grids



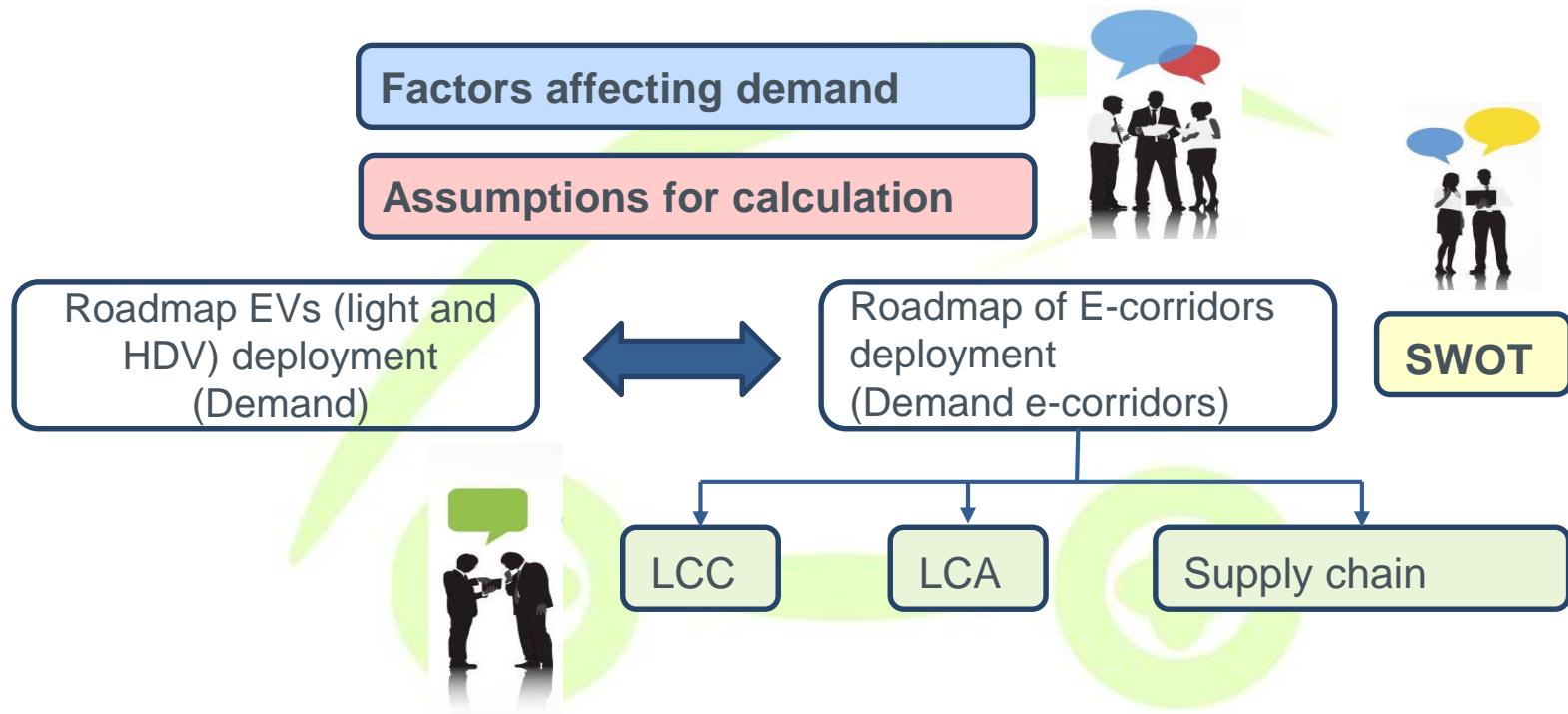
- Analysis of the supply chain

Assessment of business and societal consequences



- Transport system operations and management
- Business models and market ordering
- Social Cost-Benefit analysis
- System level environmental LCA for deployment
- Deployment scenario analyses
- Standardisation, harmonisation and innovation

Information provided in the workshop and expected input from participants



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Workshop objectives

- ☐ Review affecting factors in the calculation of the EVs demand and E-corridors demand
- ☐ Validate assumptions of the calculation done
- ☐ Launch new viewpoint or perspectives
- ☐ Receive first inputs on LCC, LCA and supply chain effects

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Methodology

- ☐ You have received a preliminary document with the assumptions and the preliminary demand estimations (for EV penetration and for e-corridors)
- ☐ We will make short presentations focusing on the most critical points.
- ☐ You will be asked for your opinion on assumptions and results
- ☐ Some brainstorming working groups will be organised
- ☐ The target is to reach a consensus at the end of the workshop



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Thank you!

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