



Electric mobility in European urban freight and logistics

Background

- ◆ Expected increase in urban freight transport
- ◆ Electric vehicles (EVs) suitable for urban freight transport and city logistics
- ◆ Potential not exploited
- ◆ Only a few vehicles in use

Barriers of EV use

- ◆ Lack of knowledge and lack of information in companies
- ◆ Uncertainties about necessary adaptation of logistics concepts
- ◆ Limited electric freight vehicle supply
- ◆ High purchase price of EVs
- ◆ Uncertainties in the direction of government policy



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Stages of development

- Early planning of EV use (Turkey)
- Implementation of EV use (Poland)
- Optimisation of the EV implementation (Austria, Denmark, Germany)
- Different actors with different roles in the field of electric mobility – vehicle users, business model development, logistics service providers, municipalities and research institutions



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Expected project results

- Integrated Platform of Exchange – key target group: fleet operators and transport companies
- Deeper scientifically proved knowledge for policy support – key stakeholders: policy makers
- Scientific Knowledge, Analysis & Support – key users: scientific community and fleet managers/operators

Project consortium

- Maritime University of Szczecin, Poland
- eM-Pro Elektromobilität GmbH, Germany
- Istanbul Technical University, Turkey
- Copenhagen Electric, Denmark
- German Aerospace Center, Germany
- Austrian Institute of Technology GmbH, Austria

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