

Taskforce 27 “Electrification of transport logistic vehicles”

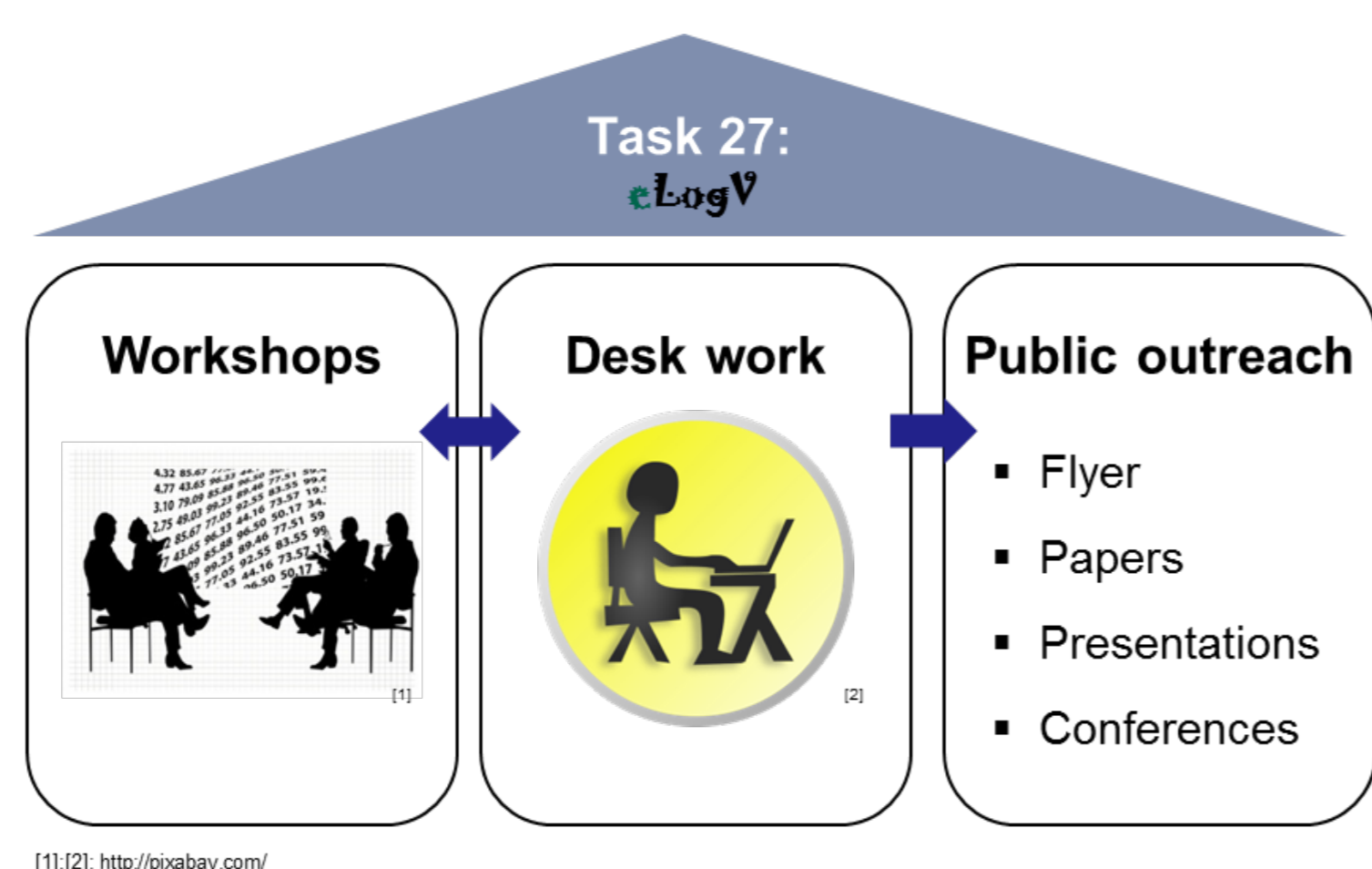
Partners

- Deutsches Zentrum für Luft- und Raumfahrt German Aerospace Center
- JOANNEUM RESEARCH
- Office for Low Emission Vehicles
- Sabanci University
- rai Réseau de l'Automobile Industrielle
- 울산대학교 UNIVERSITY OF ULSAN

Objectives

- summarize the status of vehicle and infrastructure technologies, implementation and hurdles
- identify early niche markets and commercialization opportunities
- provide policy recommendations for further research and deployment activities

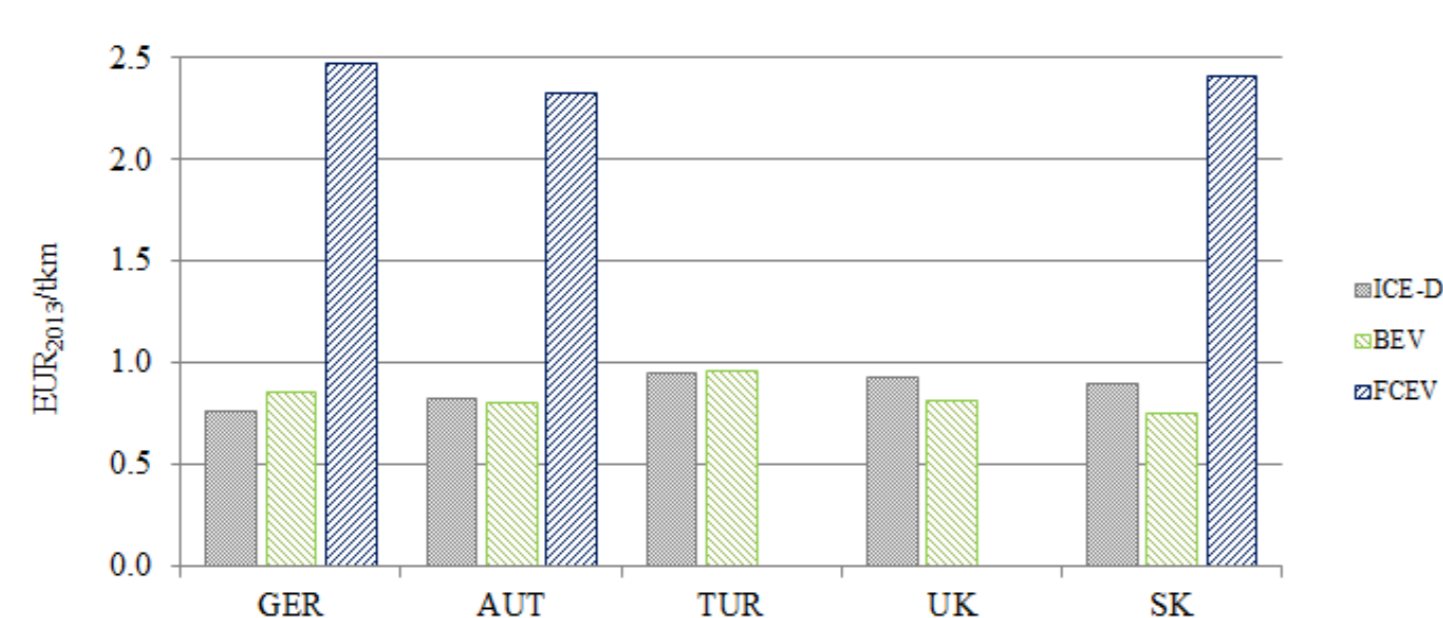
Working method & Benefits of participation



- To gain information by sharing experiences on an international level
- To be informed about latest activities regarding the electrification of transport logistic vehicles
- To support national strategies regarding the implementation of alternative transport logistic vehicles
- To expand individual network

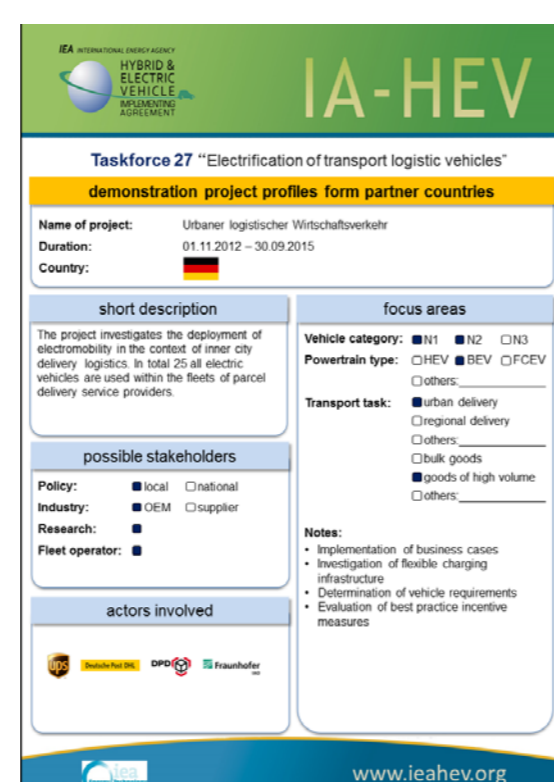
First results

- **EVS28 paper:** Comparison of country individual Relevant Cost of Ownership per ton-kilometers for light commercial vehicles



- **Project profiles:** Key facts of ongoing or terminated demonstration projects from the partner countries

| Country | Project Name | Start | End | Status | Vehicle Type | Capacity | Range | Power | Notes |
|---------|--------------|-------|-----|--------|--------------|----------|-------|-------|-------|
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- **1st Workshop held in Germany (2015-03-19):** “Electric transport logistic vehicle technology and its application”



- Expert presentations regarding battery and fuel cell technology and real world data from electric transport logistic vehicles
- Workshop session – Hurdles of implementation: Discussions about barriers, drivers, strategies and expectations

Next steps

- **Vehicle database:** Key facts of electric commercial vehicles available on the market or presented as prototypes. 74 vehicles are listed up to now.

- **Project profiles:** Preparation of project profiles and analysis of the key facts collected
- **Vehicle database:** Update vehicle database and analysis of data collected
- **Organization of 2nd Workshop**