

## IA-HEV Task 27

### Electrification of transport logistic vehicles

3<sup>rd</sup> Workshop: Electric freight vehicles - out of niche into mass market  
Time: 09:30 – 17:00 CET, October 19<sup>th</sup>, 2016  
Location: AustriaTech – Federal Agency for Technological Measures  
Meeting room 3rd floor, Raimundgasse 1/6, 1020 Vienna

Dear ladies and gentlemen,

the task 27 partners cordially invite you to the workshop *“Electric freight vehicles - out of niche into mass market”* in October 19<sup>th</sup>, 2016 at the Federal Agency for Technological Measures – AustriaTech - in Vienna.

The Workshop is organized by Task 27 - *“Electrification of transport logistic vehicles”* of the Implementing Agreement ‘Hybrid and Electric Vehicle’ ([www.ieahev.org/tasks/e-logistics-task-27](http://www.ieahev.org/tasks/e-logistics-task-27)) within the framework of the International Energy Agency (IEA). Its aim is to summarize and communicate on a global level

- the status and prospects of transport logistic vehicle electrification
- early markets and hurdles of commercialization and
- policy recommendations for deployment and pre-competitive research

for road freight transport vehicles operating in city, urban or regional logistic applications.

Dedicated topics of the Austrian Workshop are:

- Plans for market ramp-up of electric transport logistic vehicles
- Performance and limits of current and future electric transport logistic vehicles
- eDrive system designs for electric transport logistic vehicles

The workshop is targeted at policy makers and stakeholders from entrepreneurs in the transport and logistic sector, vehicle manufacturers, technology suppliers and research around the globe. Participation is free of charge.

The workshop is organized by JOANNEUM RESEARCH. **Please register for the workshop by sending your company name and contact details via email to [martin.beermann@joanneum.at](mailto:martin.beermann@joanneum.at) (+43 316 876 1434), until 12<sup>th</sup> October 2016.** The number of participants is limited to 30 persons.

Yours faithfully,

Florian Kleiner  
German Aerospace Center (DLR)  
Institute of Vehicle Concepts  
Germany  
Operating Agent

Martin Beermann  
JOANNEUM RESEARCH  
LIFE – Centre for Climate, Energy and Society  
Austria  
Co-Operating Agent

# IA-HEV Task 27

## Electrification of transport logistic vehicles

### 3<sup>rd</sup> Workshop: “Electric freight vehicles - out of niche into mass market”

October 19<sup>th</sup>, 2016

AustriaTech – Federal Agency for Technological Measures

Meeting room 3<sup>rd</sup> floor

Raimundgasse 1/6, 1020 Vienna

09:00 Registration

#### Welcome and Introduction

09:30 - 09:40 Welcome address by the Austrian IA HEV ExCo representative  
*Sarah Krautsack, Ministry for Transport, Innovation and Technology bmvit*

09:40 - 09:50 Introduction to Task 27  
*Florian Kleiner, DLR / Martin Beermann, Joanneum Research*

#### Electric freight vehicles as pillar of sustainable logistics

09:50 - 10:15 Electric freight vehicles out of niche: experiences, requirements and expectations  
*Werner Müller, Council for Sustainable Logistics CNL*

10:15 - 10:40 GreenCityHubs - an enabler for electric freight vehicles?  
*Nikolaus Skarabela, i-LOG Integrated Logistics GmbH*

10:40 - 11:00 *Coffee break*

#### Governmental perspectives and implementation plans for electric freight vehicles

11:00 - 11:30 Facts and figures of the United Kingdom  
*Bob Moran, Department of Transport, Office for low emission vehicles (OLEV)*

11:30 - 12:00 Facts and figures of Germany  
*Dominique Sevin, National Organisation Hydrogen and Fuel Cell Technology (NOW)*

12:00 - 12:30 Facts and figures of Austria  
*Henriette Spyra, AustriaTech - Federal Agency for Technological Measures*

12:30 - 13:30 *Lunch break*

#### Performance and limits of electric freight vehicles

13:30 - 14:00 Supermarket logistics with the electric truck fleet of Coop  
*Georg Weinhofer, Coop-Switzerland*

14:00 - 14:30 Technology developments and experiences in the Netherlands  
*Eric Beers, RAI Vereniging (Rijwiel en Automobiel Industrie, NL)*

14:30 - 15:00 e-Trucks - Decarbon your Business!®  
*C.-Friedrich Fahlberg, FRAMO GmbH*

15:00 - 15:20 *Coffee break*

#### eDrive system designs for electric freight vehicles

15:20 - 15:50 Electric fleet vehicle testing  
*John Farrell, National Renewable Energy Laboratory*

15:50 - 16:20 Fuel Cell Range Extender - Zero emission vehicle concept for logistic applications  
*Markus Passath, Magna*

16:20 - 16:30 Closure of the workshop day

# IA-HEV Task 27 LogV

## Electrification of transport logistic vehicles

In front of the building the [FRAMO](#) battery electric truck will be presented and can be visited during the workshop.



### Participating Nations and Organizations:

	 Deutsches Zentrum für Luft- und Raumfahrt German Aerospace Center	Institute of Vehicle Concepts
	 JOANNEUM RESEARCH LIFE	LIFE - Centre for Climate, Energy and Society
	 Office for Low Emission Vehicles	Office for Low Emission Vehicles
	 Sabancı Universitesi	Sabanci University
	 울산대학교 UNIVERSITY OF ULSAN	University of Ulsan
	 rai Rijswijk en Automobiel Industrie	Platform of sustainable transport
	 Coventry University	Coventry University

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Austrian Ministry  
for Transport,  
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Netherlands Enterprise Agency