



# IA-HEV

## Electrification of transport logistic vehicles eLogV



DLR

**Deutsches Zentrum  
für Luft- und Raumfahrt**  
German Aerospace Center



**Office for  
Low Emission  
Vehicles**





# Plans until next ExCo

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

**Taskforce 27 "Electrification of transport logistic vehicles"**  
**demonstration project profiles form partner countries**

Name of project: Utlbauer logistischer Wirtschaftswerke  
 Duration: 01.11.2012 – 30.09.2015  
 Country: Germany

**short description**  
 The project investigates the deployment of electromobility in the context of inner city delivery logistics in total 25 all electric vehicles are used within the fleets of parcel delivery service providers.

**possible stakeholders**  
 Policy:  local  national  
 Industry:  OEM  supplier  
 Research:   
 Fleet operator:

**actors involved**  
 Daimler, Opel, Fraunhofer

**focus areas**  
 Vehicle category:  N1  N2  N3  
 Powertrain type:  OHEV  BEV  FCEV  
 Others:   
 Transport task:  urban delivery  
 regional delivery  
 Others:   
 bulk goods  
 goods of high volume  
 Others:

**Notes:**  
 • Implementation of business cases  
 • Investigation of flexible charging infrastructure  
 • Determination of vehicle requirements  
 • Evaluation of best practice incentive measures

www.ieahev.org

- **Vehicle database:** Key facts of electric commercial vehicles available on the market or presented as prototypes.

ID	producer	name	battery capacity [kW]	GVW [ton]	payload [tons]	driving range [km]	top speed [km/h]	vehicle cat
1	MAN	TGL 12.220 Hybrid	6	12	n.a.	2	n.a.	N2
2	MAN	Metropolis Abfallsammelfahrzeug	105 (3x35)	26	14.00	n.a.	n.a.	N3
3	Mercedes-Benz	Vito E-Cell	36	2800/3050	0.60	130	80	N1
4	Mercedes-Benz	Sprinter	14.4	3.5	n.a.	n.a.	n.a.	N1
5	Mercedes-Benz	Atego BlueTec	1.9	12	n.a.	n.a.	n.a.	N2
6	Mercedes-Benz	Econic Blue Tec 2629	7	26	n.a.	n.a.	n.a.	N3
7	VW	e-load up	18.7	1.47	0.31	160	130	N1
8	Orten	ELC1	21	1.485	0.60	150	80	N1
9	FAUN	Dualpower	0.49	26	n.a.	n.a.	n.a.	N3
10	e-Wolf	Omega-1.4 Cargo	24.2	3.5	1.40	150	100	N1
11	e-Wolf	Omega-Mini	7.2	1.1	0.33	65	45	N1
12	e-Wolf	Omega-0.7	24.2	2.2	0.67	154	110	N1
13	Tarberg Nordlift	TF-EV	206	40	29.00	n.a.	48	N3
14	EFA-S	New E-Master	62	3.5	0.60	150	90	N1
15	EFA-S	LIPS PRO-E	62	7.5	3.45	80-100	80	N2
16	Multicar/e-Wolf	FUMO E1	50	5.6	2.90	n.a.	90	N2
17	VW	e-Caddy Maxi	24.2	2.2	0.55	130-190	n.a.	N1
18	Street Scooter	Work	15.75	2.2	0.65	80	80	N1
19	VW	eT	32.1	2.5	n.a.	100	110	N1
20	EMOSS	CM 10 (DAF LF 45)	80	10	5.27	100	85	N2
21	EMOSS	CM 12 (DAF LF 45)	120/160/200	12	6.55/6.01/5.42	150/200/250	85	N2
22	EMOSS	CM 16 (DAF LF 55)	120/160/200	16	9.99/9.47/8.93	125/170/210	85	N3
23	EMOSS	CM 18 (DAF LF 55)	160/200/240	18.6	10.97/10.43/9.89	150/190/230	85	N3
24	EMOSS	EV200 (Dyna chassis)	120	7.48	4.60	160	85	N2
25	Peugeot	iOn Cargo	14.5	1.45	0.31	150	130	N1
26	Peugeot	Partner Electric	22.5	2.225	0.51	170	110	N1
27	Ford	Transit Connect Electric	28	1.791	0.50	130	120	N1
28	Citroen	Berlingo électrique	22.5	2.14	0.70	170	110	N1
29	Iveco	Daily electric 35S/C	21.2	3.5	1.00	90-120	70	N1
30	Renault	Kangoo Maxi Z.E.	22	2.18	0.63	170	130	N1
31	Canadian Electric Vehicles Ltd.	Isuzu npr electric truck	23.5	5.7	n.a.	30	40	N2
32	Canadian Electric Vehicles Ltd.	Miebt-F Truck	16.2	1.7	0.73	90	40	N1

- **Information session at EVS28 on May 5<sup>th</sup> (Tue) 16:40 Room 306**

- **Organization of 2<sup>nd</sup> Workshop**

**Thank you for your attention**

Additional partners are welcomed

