

## Electrification of transport logistic vehicles

Office for

**Vehicles** 

Low Emission

Deutsches Zentrum S Political Spain für Luft- und Raumfahrt German Aerospace Center













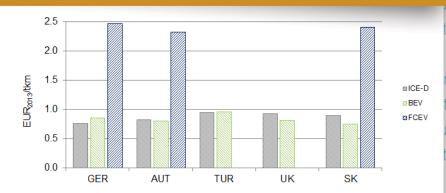




### Task 27 achievements

- EVS28 paper: Comparison of country individual RCO for light commercial vehicles
- 1st Workshop held in Germany (2015-03-19): "Electric transport logistic vehicle technology and its application"















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#### Plans until next ExCo

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

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

	name -	battery capacity [kWi] -	GVW [ton: ▼	payload [tons] 🔻	driving range (km -	top speed [km/h -	vehicle
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 Terberg Nordlift	YT-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	UPS P80-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 electrique	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 Flectric Vehicles Ltd	Might-F Truck	16.2	17	0.23	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



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# Thank you for your attention

Additional partners are welcomed





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