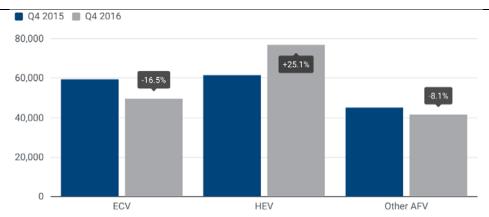


#### PRESS EMBARGO: 8.00 AM (7.00 AM GMT), 1 February 2017

# NEW PASSENGER CAR REGISTRATIONS BY ALTERNATIVE FUEL TYPE IN THE EUROPEAN UNION<sup>1</sup>

#### **Quarter 4 2016**



Alternative fuel vehicle registrations: +1.2% in fourth quarter of 2016; +4.1% in 2016

In the fourth quarter of 2016, demand for alternative fuel vehicles (AFV) in the EU increased only moderately (+1.2%), with registrations totalling 168,103 units. Results were diverse among the different vehicle categories. Hybrid electric vehicles (HEV) continued the positive trend, showing double-digit percentage gains during the last quarter (+25.1%) and totalling 76,930 units. Growth in the electrically chargeable vehicle (ECV) segment, on the other hand, slowed down for the first time in 2016, posting a significant decrease (-16.5%). However, it is important to stress that this figure is based on a comparison with Q4 2015, which saw spectacular growth (+160.5%). At the same time, demand for cars powered by propane, ethanol or natural gas (NGV) continued to decline (-8.1%), although at a more moderate rate than in previous months and still totalling 41,536 units. The main reason for this downturn is a contraction of the Italian market, which accounts for the majority of LPG and NGV vehicles.

Among the big five markets, Spain (+49.4%), Germany (+21.9%) and the United Kingdom (+14.9%) recorded substantial increases in AFV registrations during the fourth quarter. Growth in these countries was fully driven by demand for electric and hybrid electric vehicles. Italy performed less well than in the last quarter of 2015 (-3.5%) due to a decline in registrations of propane and gas-fuelled cars, which were only partly offset by increases in the electric (+41.1%) and hybrid electric (+41.3%) segments. France saw a modest decline (-1.4%) in total AFV registrations, mainly the result of a drop in HEV sales (-3.8%). Still, France accounted for the largest number of HEV registrations (15,448) during the fourth quarter of 2016.

**Overall in 2016**, 609,629 AFVs were registered in the European Union, up 4.1% compared to 2015. The uplift was mainly driven by hybrid electric vehicles (+27.3%) followed by the ECV segment that saw more modest growth (+4.8%), while the share of other alternative fuels declined (-19.7%). In total, alternative fuel vehicles accounted for 4.2% of total passenger car registrations in 2016, or 4.6% if we look at the EU+EFTA perimeter.

<sup>&</sup>lt;sup>1</sup> Data for Croatia, Cyprus, Luxembourg, Malta and Slovenia is not available

PRESS EMBARGO FOR ALL DATA: 8.00 AM (7.00 AM GMT), 1 February 2017

### NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ BATTERY ELECTRIC VEHICLES

	Q4	Q4	%	Q1-Q4	Q1-Q4	%
	2016	2015	Change	2016	2015	Change
AUSTRIA	907	455	99.3	3,826	1,677	128.1
BELGIUM	508	266	91.0	2,054	1,358	51.3
BULGARIA	5	1	400.0	5	21	-76.2
CZECH REPUBLIC <sup>2</sup>	70	56	25.0	200	298	-32.9
DENMARK	650	2,458	-73.6	1,373	4,604	-70.2
ESTONIA	6	2	200.0	35	34	2.9
FINLAND	59	37	59.5	223	243	-8.2
FRANCE	5,660	5,489	3.1	21,751	17,268	26.0
GERMANY	3,732	4,978	-25.0	11,410	12,363	-7.7
GREECE	1	4	-75.0	9	35	-74.3
HUNGARY	51	37	37.8	172	115	49.6
IRELAND	21	17	23.5	392	466	-15.9
ITALY	439	283	55.1	1,375	1,452	-5.3
LATVIA	5	3	66.7	25	17	47.1
LITHUANIA <sup>2</sup>	11	3	266.7	64	37	73.0
NETHERLANDS	1,221	1,097	11.3	4,147	4,148	0.0
POLAND	44	16	175.0	114	70	62.9
PORTUGAL	218	276	-21.0	756	645	17.2
ROMANIA <sup>2</sup>	51	5	920.0	74	24	208.3
SLOVAKIA	22	11	100.0	59	52	13.5
SPAIN	844	666	26.7	2,005	1,342	49.4
SWEDEN	904	696	29.9	2,945	2,962	-0.6
UNITED KINGDOM	2,157	2,983	-27.7	10,264	9,934	3.3
EUROPEAN UNION	17,586	19,839	-11.4	63,278	59,165	7.0
EU15	17,321	19,705	-12.1	62,530	58,497	6.9
EU (New Members)	265	134	97.8	748	668	12.0
NORWAY	6,737	6,063	11.1	24,222	25,779	-6.0
SWITZERLAND	913	868	5.2	3,295	3,257	1.2
EFTA	7,650	6,931	10.4	27,517	29,036	-5.2
EU + EFTA	25,236	26,770	-5.7	90,795	88,201	2.9
EU15 + EFTA	24,971	26,636	-6.3	90,047	87,533	2.9

<sup>&</sup>lt;sup>1</sup> Only countries for which sourced data is available are listed

 $<sup>^{\</sup>rm 2}$  Can't distinguish between BEV and PHEV

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### NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ PLUG-IN HYBRID ELECTRIC VEHICLES

	Q4	Q4	%	Q1-Q4	Q1-Q4	%
	2016	2015	Change	2016	2015	Change
AUSTRIA	358	418	-14.4	1,237	1,101	12.4
BELGIUM	1,793	674	166.0	6,903	2,477	178.7
BULGARIA	4	0		8	0	
CZECH REPUBLIC	N/A	N/A		N/A	N/A	
DENMARK	225	254	-11.4	653	502	30.1
ESTONIA	0	0		0	0	
FINLAND	354	104	240.4	1,208	415	191.1
FRANCE	1,855	1,996	-7.1	7,429	5,589	32.9
GERMANY	4,349	3,573	21.7	13,751	11,118	23.7
GREECE	5	17	-70.6	23	32	-28.1
HUNGARY	58	4	1350.0	171	15	1040.0
IRELAND	17	24	-29.2	298	117	154.7
ITALY	292	239	22.2	1,317	739	78.2
LATVIA	3	1	200.0	9	9	0.0
LITHUANIA	N/A	N/A		N/A	N/A	
NETHERLANDS	13,408	24,006	-44.1	18,612	39,763	-53.2
POLAND	80	54	48.1	392	221	77.4
PORTUGAL	305	162	88.3	1,024	483	112.0
ROMANIA	N/A	N/A		N/A	N/A	
SLOVAKIA	0	0		0	0	
SPAIN	292	255	14.5	1,511	785	92.5
SWEDEN	2,935	2,869	2.3	10,257	5,700	79.9
UNITED KINGDOM	5,020	3,846	30.5	24,714	17,054	44.9
EUROPEAN UNION	31,353	38,496	-18.6	89,517	86,120	3.9
EU15	31,208	38,437	-18.8	88,937	85,875	3.6
EU (New Members)	145	59	145.8	580	245	136.7
NORWAY	4,774	2,794	70.9	20,653	7,947	159.9
SWITZERLAND	741	895	-17.2	2,829	2,369	19.4
EFTA	5,515	3,689	49.5	23,482	10,316	127.6
EU + EFTA	36,868	42,185	-12.6	112,999	96,436	17.2
EU15 + EFTA	36,723	42,126	-12.8	112,419	96,191	16.9

 $<sup>^{\</sup>mathtt{1}}$  Only countries for which sourced data is available are listed

PRESS EMBARGO FOR ALL DATA: 8.00 AM (7.00 AM GMT), 1 February 2017

### NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ TOTAL ELECTRIC CHARGEABLE VEHICLES

**Electrically chargeable vehicle (ECV)** = battery electric vehicles (BEV) + extended-range electric vehicles (EREV) + fuel cell electric vehicles (FCEV) + plug-in hybrid electric vehicles (PHEV)

	Q4	Q4	%	Q1-Q4	Q1-Q4	%
	2016	2015	Change	2016	2015	Change
AUSTRIA	1,270	879	44.5	5,068	2,787	81.8
BELGIUM	2,301	942	144.3	8,958	3,837	133.5
BULGARIA	9	1	800.0	13	21	-38.1
CZECH REPUBLIC	70	56	25.0	200	298	-32.9
DENMARK	889	2,810	-68.4	2,063	5,298	-61.1
ESTONIA	6	2	200.0	35	34	2.9
FINLAND	413	141	192.9	1,431	658	117.5
FRANCE	7,522	7,495	0.4	29,189	22,867	27.6
GERMANY	8,087	8,612	-6.1	25,214	23,557	7.0
GREECE	6	21	-71.4	32	67	-52.2
HUNGARY	109	41	165.9	343	130	163.8
IRELAND	38	41	-7.3	690	583	18.4
ITALY	776	550	41.1	2,827	2,343	20.7
LATVIA	8	4	100.0	43	35	22.9
LITHUANIA	11	3	266.7	64	37	73.0
NETHERLANDS	14,648	25,400	-42.3	22,801	44,448	-48.7
POLAND	143	88	62.5	556	337	65.0
PORTUGAL	534	444	20.3	1,821	1,166	56.2
ROMANIA	51	5	920.0	74	24	208.3
SLOVAKIA	22	11	100.0	59	52	13.5
SPAIN	1,154	951	21.3	3,654	2,246	62.7
SWEDEN	3,848	3,565	7.9	13,221	8,663	52.6
UNITED KINGDOM	7,722	7,348	5.1	36,917	28,715	28.6
EUROPEAN UNION	49,637	59,410	-16.5	155,273	148,203	4.8
EU15	49,208	59,199	-16.9	153,886	147,235	4.5
EU (New Members)	429	211	103.3	1,387	968	43.3
NORWAY	11,522	8,892	29.6	44,908	33,770	33.0
SWITZERLAND	1,715	2,000	-14.3	6,403	6,289	1.8
EFTA	13,237	10,892	21.5	51,311	40,059	28.1
EU + EFTA	62,874	70,302	-10.6	206,584	188,262	9.7
EU15 + EFTA	62,445	70,091	-10.9	205,197	187,294	9.6

<sup>&</sup>lt;sup>1</sup> Only countries for which sourced data is available are listed

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### NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ HYBRID ELECTRIC VEHICLES

**Hybrid electric vehicles (HEV)** = full hybrids + mild hybrids

	Q4	Q4	%	Q1-Q4	Q1-Q4	%
	2016	2015	Change	2016	2015	Change
AUSTRIA	1,062	564	88.3	3,474	2,411	44.1
BELGIUM	2,348	1,423	65.0	9,527	6,880	38.5
BULGARIA	258	0		580	0	
CZECH REPUBLIC	461	347	32.9	1,541	994	55.0
DENMARK	1,475	840	75.6	6,781	2,540	167.0
ESTONIA	194	99	96.0	765	355	115.5
FINLAND	1,118	864	29.4	4,679	2,846	64.4
FRANCE	15,448	16,055	-3.8	50,961	56,038	-9.1
GERMANY	10,543	6,117	72.4	34,245	22,512	52.1
GREECE	394	261	51.0	1,556	853	82.4
HUNGARY	530	241	119.9	1,674	818	104.6
IRELAND	112	48	133.3	2,570	1,499	71.4
ITALY	10,058	7,117	41.3	37,128	25,231	47.2
LATVIA	78	50	56.0	249	199	25.1
LITHUANIA	107	43	148.8	401	289	38.8
NETHERLANDS	4,408	7,553	-41.6	11,340	14,983	-24.3
POLAND	2,889	1,652	74.9	9,849	5,585	76.3
PORTUGAL	995	687	44.8	3,228	2,975	8.5
ROMANIA	405	167	142.5	1,033	447	131.1
SLOVAKIA	149	27	451.9	362	131	176.3
SPAIN	9,067	5,610	61.6	30,870	18,405	67.7
SWEDEN	3,596	2,588	38.9	13,759	8,704	58.1
UNITED KINGDOM	11,235	9,146	22.8	52,002	44,060	18.0
EUROPEAN UNION	76,930	61,499	25.1	278,574	218,755	27.3
EU15	71,859	58,873	22.1	262,120	209,937	24.9
EU (New Members)	5,071	2,626	93.1	16,454	8,818	86.6
NORWAY	4,216	2,578	63.5	17,259	10,748	60.6
SWITZERLAND	2,099	1,424	47.4	7,673	6,101	25.8
EFTA	6,315	4,002	57.8	24,932	16,849	48.0
EU + EFTA	83,245	65,501	27.1	303,506	235,604	28.8
EU15 + EFTA	78,174	62,875	24.3	287,052	226,786	26.6

 $<sup>^{\</sup>mathtt{1}}$  Only countries for which sourced data is available are listed

PRESS EMBARGO FOR ALL DATA: 8.00 AM (7.00 AM GMT), 1 February 2017

## NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE EU+EFTA¹ OTHER ALTERNATIVE FUEL VEHICLES

Alternative fuel vehicles other than electric = natural gas vehicles (NGV) + LPG-fueled vehicles + ethanol (E85) vehicles

	Q4	Q4	%	Q1-Q4	Q1-Q4	%
	2016	2015	Change	2016	2015	Change
AUSTRIA	115	160	-28.1	486	703	-30.9
BELGIUM	426	136	213.2	2,290	773	196.2
BULGARIA	N/A	N/A		N/A	N/A	
CZECH REPUBLIC	931	788	18.1	3,349	4,043	-17.2
DENMARK	28	20	40.0	152	53	186.8
ESTONIA	0	3	-100.0	25	40	-37.5
FINLAND	45	47	-4.3	179	263	-31.9
FRANCE	434	189	129.6	1,488	1,823	-18.4
GERMANY	1,585	1,851	-14.4	6,247	10,064	-37.9
GREECE	54	111	-51.4	293	394	-25.6
HUNGARY	10	9	11.1	40	108	-63.0
IRELAND	N/A	N/A		N/A	N/A	
ITALY	33,402	38,183	-12.5	145,461	183,477	-20.7
LATVIA	24	43	-44.2	81	154	-47.4
LITHUANIA	N/A	N/A		N/A	N/A	
NETHERLANDS <sup>2</sup>	605	300	101.7	1,471	1,044	40.9
POLAND	1,932	1,180	63.7	6,512	5,537	17.6
PORTUGAL	343	149	130.2	1,027	639	60.7
ROMANIA	0	0		0	0	
SLOVAKIA	109	155	-29.7	491	836	-41.3
SPAIN	310	487	-36.3	1,676	2,522	-33.5
SWEDEN	1,183	1,362	-13.1	4,514	6,359	-29.0
UNITED KINGDOM	0	0		0	0	
EUROPEAN UNION	41,536	45,173	-8.1	175,782	218,832	-19.7
EU15	38,530	42,995	-10.4	165,284	208,114	-20.6
EU (New Members)	3,006	2,178	38.0	10,498	10,718	-2.1
NORWAY	0	0		4	4	0.0
SWITZERLAND <sup>2</sup>	337	262	28.6	944	1,078	-12.4
EFTA	337	262	28.6	948	1,082	-12.4
EU + EFTA	41,873	45,435	-7.8	176,730	219,914	-19.6
EU15 + EFTA	38,867	43,257	-10.1	166,232	209,196	-20.5

 $<sup>^{\</sup>mathtt{1}}$  Only countries for which sourced data is available are listed

<sup>&</sup>lt;sup>2</sup> Includes biofuels

PRESS EMBARGO FOR ALL DATA: 8.00 AM (7.00 AM GMT), 1 February 2017

### NEW PASSENGER CAR REGISTRATIONS BY MARKET IN THE $\mathrm{EU}^\mathtt{1}$ TOTAL ALTERNATIVE FUEL VEHICLES

 $\label{lem:Alternative fuel vehicles (AFV) = electrically chargeable vehicle + hybrid electric vehicles + alternative fuels other than electric$ 

	Q4	Q4	%	Q1-Q4	Q1-Q4	%
	2016	2015	Change	2016	2015	Change
AUSTRIA	2,447	1,603	52.7	9,028	5,901	53.0
BELGIUM	5,075	2,501	102.9	20,775	11,490	80.8
BULGARIA	267	1	∞	593	21	2723.8
CZECH REPUBLIC	1,462	1,191	22.8	5,090	5,335	-4.6
DENMARK	2,392	3,670	-34.8	8,996	7,891	14.0
ESTONIA	200	104	92.3	825	429	92.3
FINLAND	1,576	1,052	49.8	6,289	3,767	66.9
FRANCE	23,404	23,739	-1.4	81,638	80,728	1.1
GERMANY	20,215	16,580	21.9	65,706	56,133	17.1
GREECE	454	393	15.5	1,881	1,314	43.2
HUNGARY	649	291	123.0	2,057	1,056	94.8
IRELAND	150	89	68.5	3,260	2,082	56.6
ITALY	44,236	45,850	-3.5	185,416	211,051	-12.1
LATVIA	110	97	13.4	373	388	-3.9
LITHUANIA	118	46	156.5	465	326	42.6
NETHERLANDS	19,661	33,253	-40.9	35,612	60,475	-41.1
POLAND	4,964	2,920	70.0	16,917	11,459	47.6
PORTUGAL	1,872	1,280	46.3	6,076	4,780	27.1
ROMANIA	456	172	165.1	1,107	471	135.0
SLOVAKIA	280	193	45.1	912	1,019	-10.5
SPAIN	10,531	7,048	49.4	36,200	23,173	56.2
SWEDEN	8,627	7,515	14.8	31,494	23,726	32.7
UNITED KINGDOM	18,957	16,494	14.9	88,919	72,775	22.2
EUROPEAN UNION	168,103	166,082	1.2	609,629	585,790	4.1
EU15	159,597	161,067	-0.9	581,290	565,286	2.8
EU (New Members)	8,506	5,015	69.6	28,339	20,504	38.2
NORWAY	15,738	11,470	37.2	62,171	44,522	39.6
SWITZERLAND	4,151	3,686	12.6	15,020	13,468	11.5
EFTA	19,889	15,156	31.2	77,191	57,990	33.1
EU + EFTA	187,992	181,238	3.7	686,820	643,780	6.7
EU15 + EFTA	179,486	176,223	1.9	658,481	623,276	5.6

 $<sup>^{\</sup>mathtt{1}}$  Only countries for which sourced data is available are listed