

Electromobility in Austria

Facts & Figures
January 2019

Highlights in January 2019

In January, 642 e-vehicles were newly registered in Austria. The e-vehicle population in Austria rose to 27,169 in January. In comparison to other Austrian federal states, Styria leads with 97 newly registered BEVs. Styria also ranks first in the BEV-share of new registrations with 2.58%. The BMW i3 is the most popular BEV-model in Austria with 106 new registrations. In the brand comparison Hyundai leads with 22% market share. The monthly Facts & Figures-sheet offers a compact overview of current developments in the field of electromobility. As a federal agency, AustriaTech assumes the role of an expert organisation and prepares the data factually and neutrally.



642
E-Vehicles
New Registrations



27,169
E-Vehicle
Population



Styria
Highest Registrationrate
Highest BEV-Share

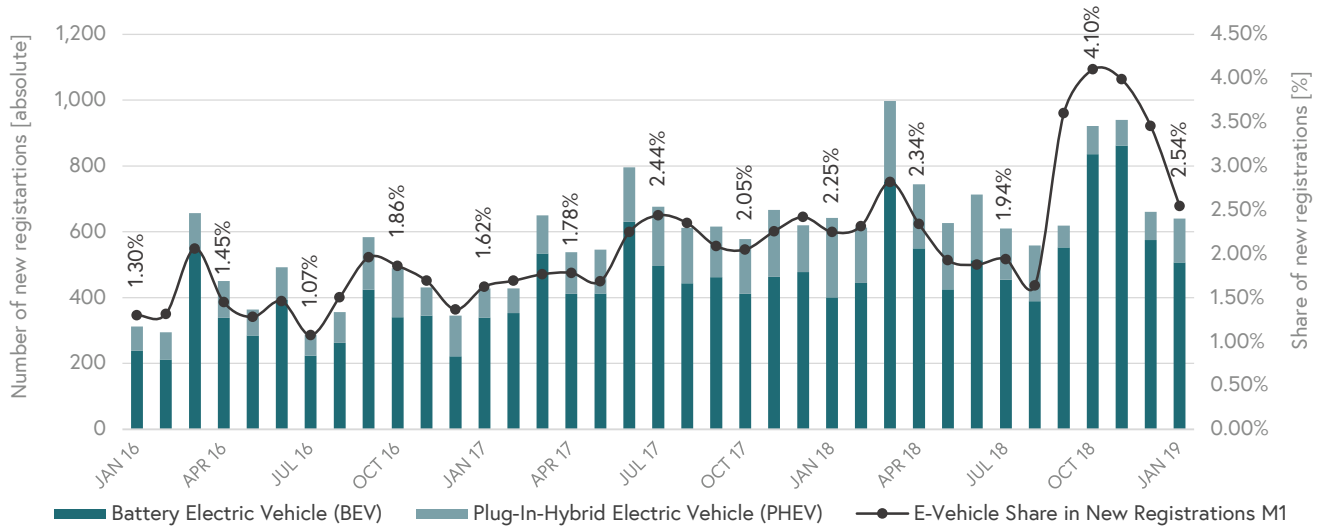


BMW i3
Mostly Registered
E-Vehicle Model

Facts & Figures

Electromobility in Austria, January 2019

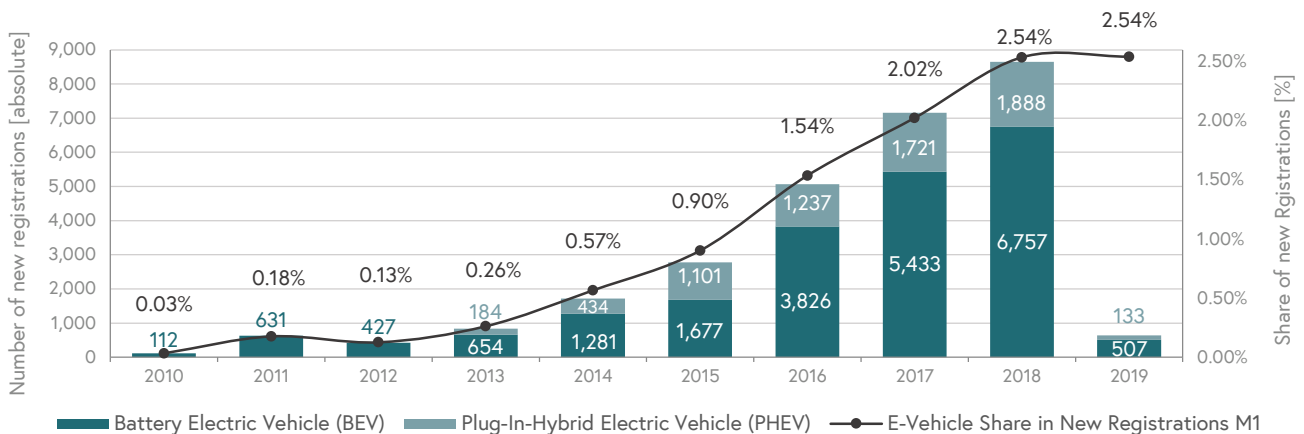
New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In January 2019, 507 BEV (- 12% on the previous month), 133 PHEV (+ 55% on the previous month) and 2 FCEV (+/- 0% on the previous month) were newly registered. The share of new registrations of BEV and PHEV in January 2019 was around 2.54%.

Source: Statistics Austria; Data status: End of each month respectively 31.1.2019; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

New registrations of e-vehicles of category M1 by year (for Austria)



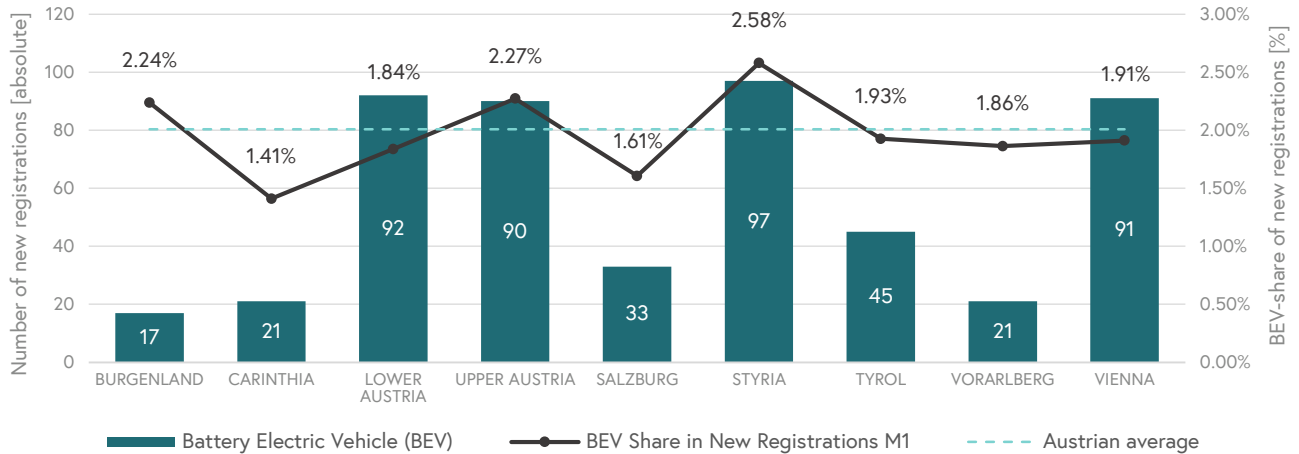
By January 2019, 507 BEV, 133 PHEV and 2 FCEV were newly registered. Compared to January 2018, new BEV registrations rose by 26%, PHEV registrations dropped by 45% and there were 2 new FCEV-cars registered compared to der 0 FCEV last year. The e-vehicle share in new registrations in the category M1 is 2.54% by January 2019.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.1.2019; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, January 2019

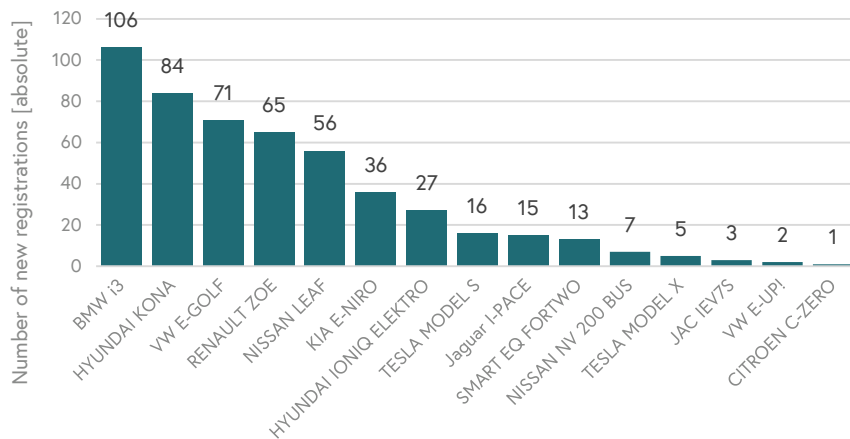
New registrations of BEV cars of category M1 by Austrian federal state (Jan 2019)



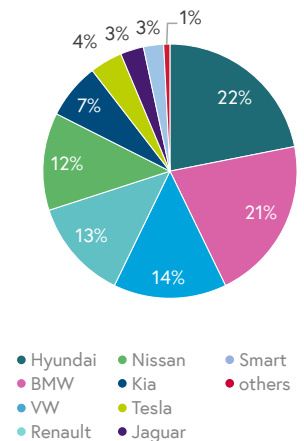
Compared with other Austrian federal states, Styria has the highest percentage of BEV in newly registered passenger cars at 2.58%, followed by Upper Austria (2.27%) and Burgenland (2.24%). The absolute number of newly registered BEVs is also ahead of Styria with 97 E-cars, followed by Lower Austria (92) and Vienna (91).

Source: Statistics Austria; Data status: 31.01.2019; Illustration: AustriaTech

New registrations of BEV cars of category M1 by model (Jan 2019)



BEV market share 2019 (M1)



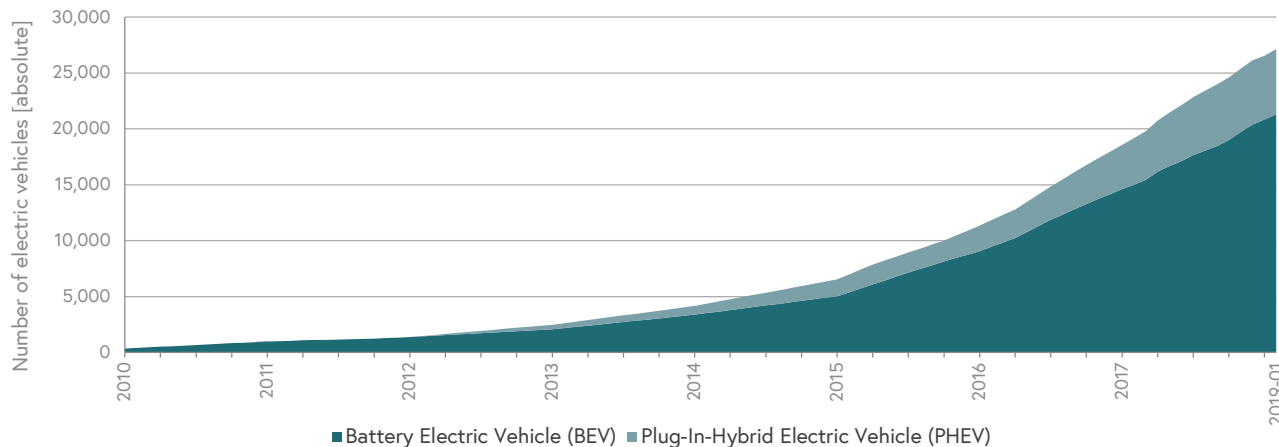
By January 2019, 507 BEVs have been newly registered in Austria. The most popular model is the BMW i3 with 106 new registrations, followed by the Hyundai Kona with 84 and the VW E-Golf with 71. In terms of market share in new registrations, Hyundai takes first place with 22%, followed by BMW with 21% and VW with 14%.

Source: Statistics Austria; Data status: 31.01.2019; Illustration: AustriaTech

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Electromobility in Austria, January 2019

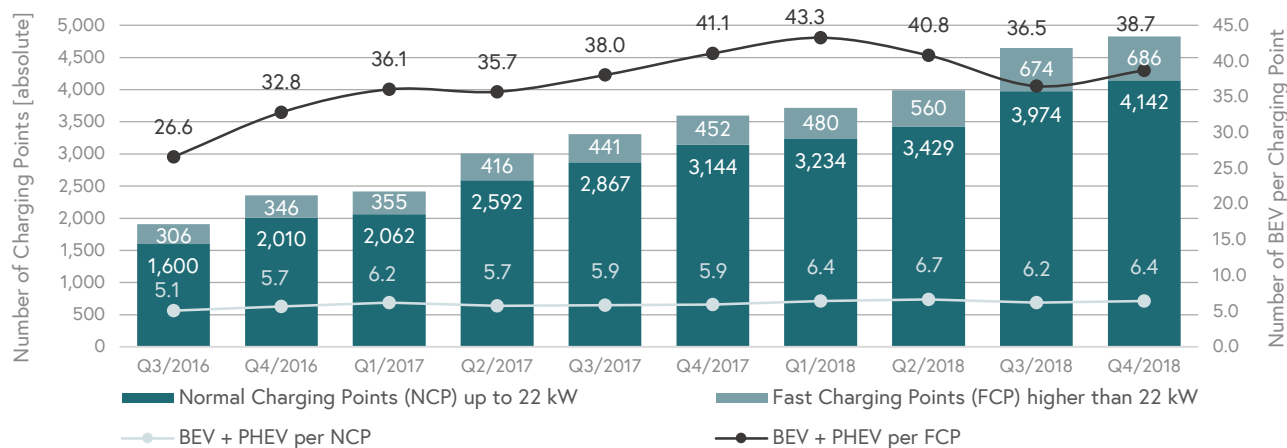
Population of e-vehicles of category M1 over time (for Austria)



While the number of battery electric vehicles rose moderately between 2010 and 2012 (approximately 1,400 in 2012), the number of electric vehicles has risen sharply since then, including in January 2019. As of the end of January 2019, 27,169 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 0.55%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.1.2019; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

Publicly accessible charging points in Austria



The figure shows publicly available normal and fast charging points according to Directive 2014/94/EU. In total there are 4,142 normal charging points and 686 fast charging points until the end of the 4th quarter of 2018. Currently there are about 6 electric cars (BEV and PHEV) on one NCP and about 39 on a FCP.

Source: <http://e-tankstellen-finder.com>; Data status: at the end of each quarter of the respective year; Illustration: AustriaTech

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Electromobility in Austria, January 2019

Vehicle Population by Vehicle Type, Fuel Type and Energy Source

Vehicle types, fuel types or energy source	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 Jan
Passenger Vehicle Class M1	4,441,027	4,513,421	4,584,202	4,641,308	4,694,921	4,748,048	4,821,557	4,898,578	4,978,852	4,981,516
Petrol incl. Flex-Fuel	1,988,079	1,997,066	2,001,295	2,003,699	2,011,104	2,019,139	2,038,019	2,080,434	2,139,239	2,141,954
Diesel	2,445,506	2,506,511	2,570,124	2,621,133	2,663,063	2,702,922	2,749,046	2,770,470	2,776,332	2,775,198
Battery Electric Vehicle (BEV)	353	989	1,389	2,070	3,386	5,032	9,073	14,618	20,831	21,300
Compressed natural gas CNG (monovalent/bivalent)	0	2,670	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,528
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	n/a.	n/a.	408	776	1,512	2,287	3,948	5,710	5,843
Fuel Cell Electric Vehicle (FCEV)	n/a.	n/a.	n/a.	n/a.	3	6	13	19	24	26
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	353	989	1,389	2,478	4,165	6,550	11,373	18,585	26,565	27,169
Electro Vehicle - Change on Previous Year	58.3%	180.2%	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	41.5%
Electric Vehicle Share in Population M1	0.01%	0.02%	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.55%
Further Electric Vehicles of the Classes L, M, N	3,217	4,024	5,120	5,594	6,067	6,532	7,524	8,912	10,920	10,982
Motorbikes/Tricycles/Quadricycles (Class L)	3,034	3,772	4,565	4,835	5,116	5,324	5,907	7,057	8,614	8,656
Busses Class M2 and M3	113	116	126	139	131	138	149	143	154	156
Duty Vehicle Class N1 (< 3.5 ton)	69	135	428	619	819	1,069	1,467	1,711	2,141	2,159
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	1	1	1	11	11

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.1.2019; Illustration: AustriaTech

New Registrations by Vehicle Type, Fuel Type and Energy Source

Fahrzeugarten, Kraftstoffarten bzw. Energiequelle	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 Jan
Passenger Vehicle Class M1	328,563	356,145	336,010	319,035	303,318	308,555	329,604	353,320	341,068	25,257
Petrol incl. Flex-Fuel	159,740	159,027	143,325	134,276	126,503	122,832	131,756	163,701	184,150	13,668
Diesel	167,130	194,721	189,622	180,901	172,381	179,822	188,820	175,458	140,111	10,318
Battery Electric Vehicle (BEV)	112	631	427	654	1,281	1,677	3,826	5,433	6,757	507
Compressed natural gas CNG (monovalent/bivalent)	333	444	460	628	788	703	484	435	641	20
Plug-In Hybrid Electric Vehicle (PHEV)	0	0	0	184	434	1,101	1,237	1,721	1,888	133
Fuel Cell Electric Vehicle (FCEV)	0	0	0	0	3	9	5	0	7	2
New E-Vehicle Registrations M1 (BEV,PHEV,FCEV)	112	631	427	838	1,718	2,787	5,068	7,154	8,652	642
Electro Vehicle Share of New Registrations M1	0.03%	0.18%	0.13%	0.26%	0.57%	0.90%	1.54%	2.02%	2.54%	2.54%
Further Electric Vehicles of the Classes L, M, N	1,225	979	1,400	791	876	930	1,949	1,910	2,724	62
Motorbikes/Tricycles/Quadricycles (Class L)	1,206	923	1,094	585	672	651	1,478	1,667	2,251	42
Busses Class M2 and M3	8	5	14	15	1	12	22	6	17	2
Duty Vehicle Class N1 (< 3.5 ton)	11	51	292	191	203	267	449	237	446	18
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	0	0	0	10	0

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.1.2019; Illustration: AustriaTech

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Electromobility in Austria, January 2019

Glossary

E-Vehicles	BEV + PHEV + FCEV
BEV	Battery Electric Vehicle
PHEV	Plug-In-Hybrid Electric Vehicle
FCEV	Fuel Cell Electric Vehicle

About AustriaTech

AustriaTech is a 100% subsidiary of the Federal Ministry of Transport, Innovation and Technology (BMVIT). It acts as an integrator in the field of mobility and supports the transformation processes towards an ecological, efficient and modern transport system. The activities range from new services and digital infrastructure to automated mobility. Electromobility activities includes a continually monitoring and annual electromobility highlights, as well as participation in various working groups and supporting actions in ongoing activities such as subsidies, research programs, guidelines and so on.

All Facts & Figures can be found at:

www.bmvit.gv.at/verkehr/elektromobilitaet/zahlen/index.html

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 Federal Ministry
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