

# Electromobility in Austria

Facts & Figures  
February 2019

## Highlights in February 2019

In February, 847 electric vehicles were newly registered in Austria and the population has risen to 27,971. Compared to other federal states, Vorarlberg has a BEV share of 4.52% in new registrations. The Tesla Model 3 is the most popular BEV model with 136 new registrations in February 2019. In the comparison of brands BMW leads with around 18% 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.



**847**  
E-Vehicles  
New Registrations



**27,971**  
E-Vehicle  
Population



**Vorarlberg**  
With 4.52%  
Highest BEV-Share

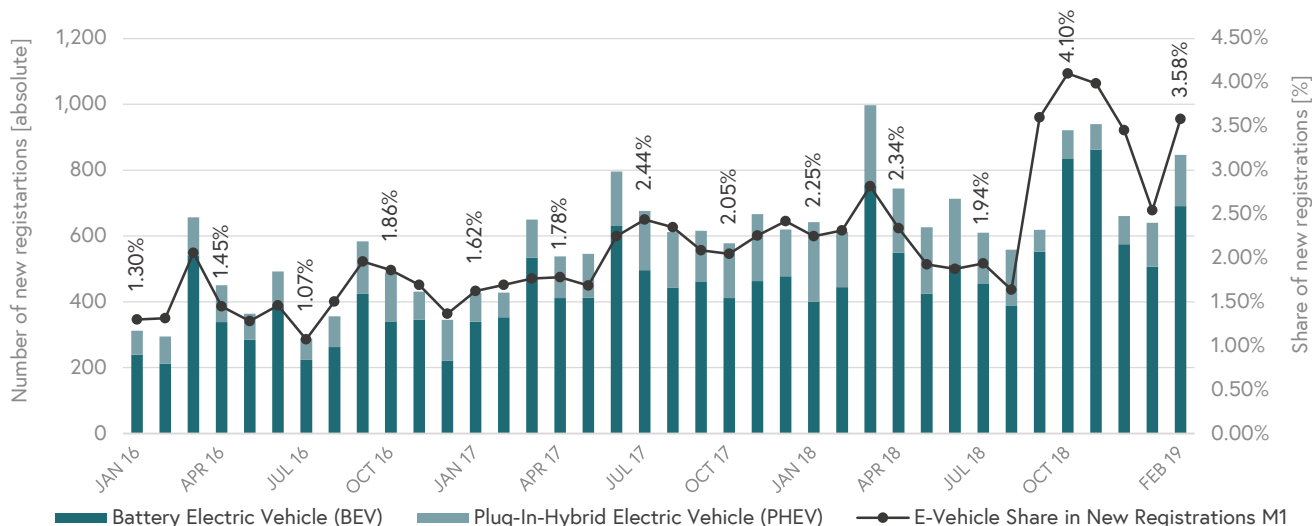


**Tesla Model 3**  
Mostly Registered  
E-Vehicle Model

# Facts & Figures

Electromobility in Austria, February 2019

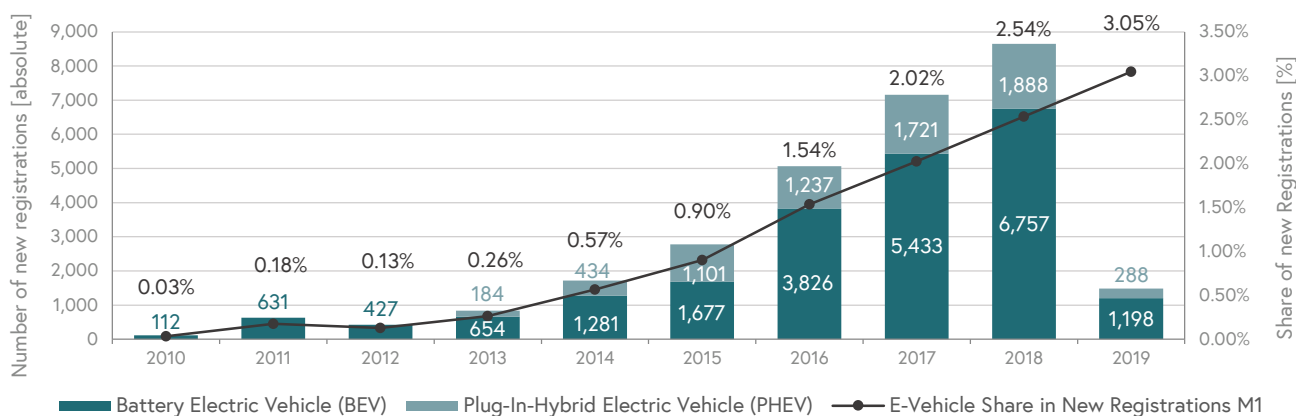
## New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In February 2019, 691 BEV (+ 36% on the previous month), 155 PHEV (+ 17% on the previous month) and 1 FCEV (- 50% on the previous month) were newly registered. The share of new registrations of e-vehicles in February 2019 was 3.58%.

Source: Statistics Austria; Data status: End of each month respectively 28.2.2019; 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)



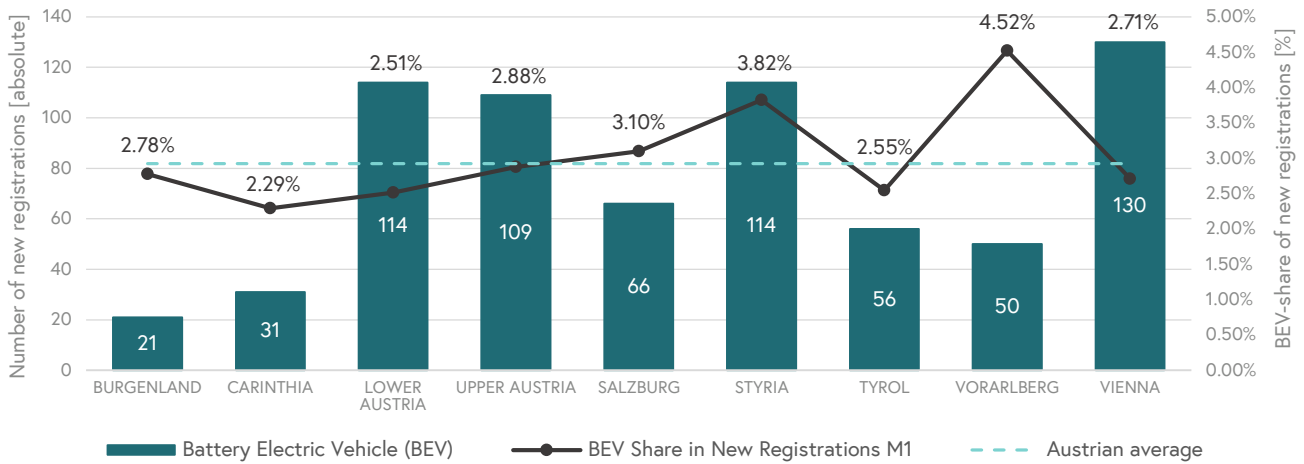
From January to February 2019, 1 198 BEV, 288 PHEV and 3 FCEV were newly registered. Compared to February 2018, new registrations of BEV increased by 55%, PHEV new registrations dropped by 8% and FCEV registrations rose from 0 to 1 unit. The e-vehicle share of category M1 registrations from January to February 2019 is 3.05%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 28.2.2019; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, February 2019

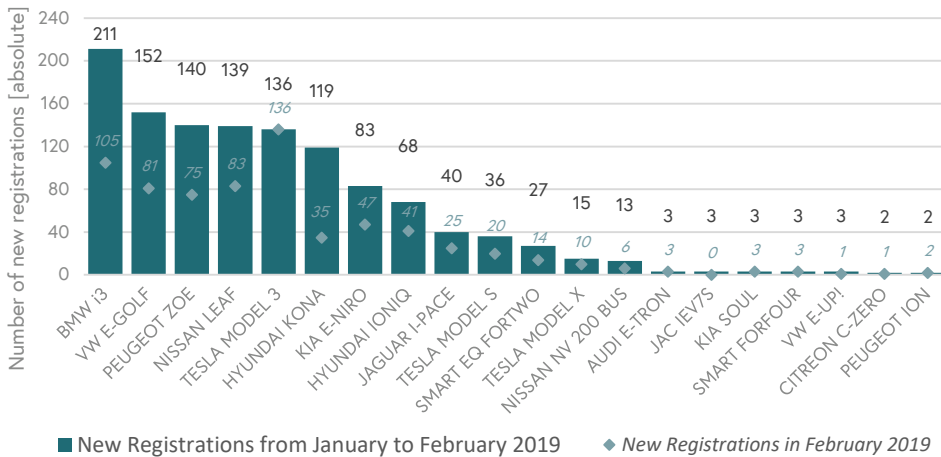
## New registrations of BEV cars of category M1 by Austrian federal state (Feb 2019)



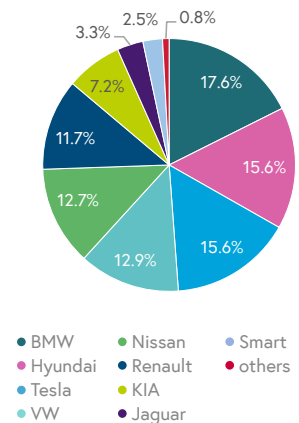
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 4.52%, followed by Styria (3.82%) and Salzburg (3.10%). The absolute number of newly registered BEVs is Vienna with 130 E-cars, followed by Styria and Lower Austria (both 114) and then Upper Austria (109).

Source: Statistics Austria; Data status: 28.02.2019; Illustration: AustriaTech

## New registrations of BEV cars of category M1 by model (cumulated until Feb 2019)



## BEV market share 2019 (M1)



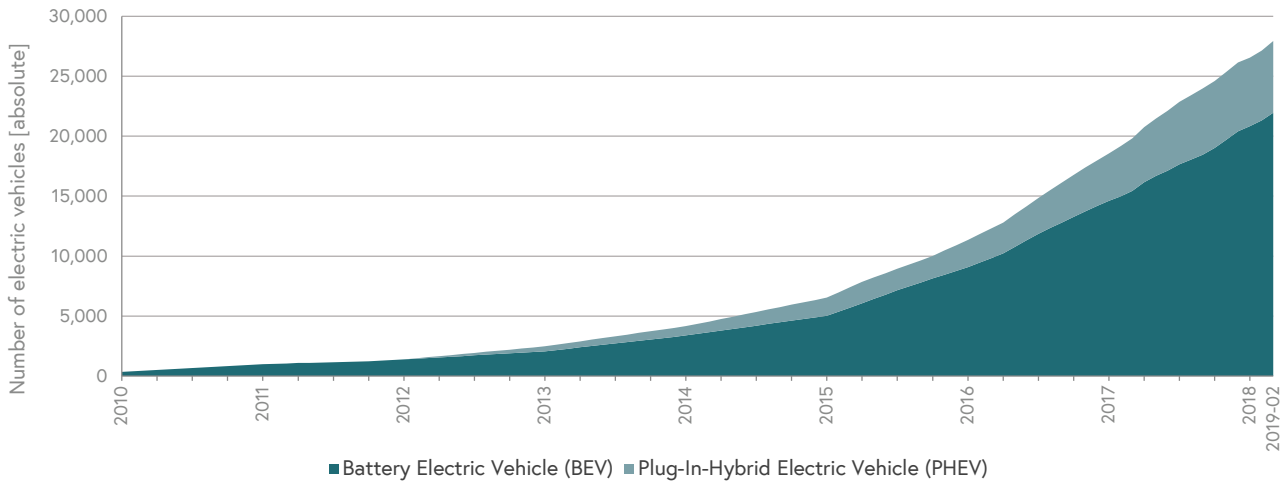
In the period from January to February 2019 the most popular model was the BMW i3 with 211 units, followed by the VW E-Golf with 152 units and the Renault Zoe with 140 units. The most popular model in February was the Tesla Model 3 with 136 units, followed by the BMW i3 with 105 units and the Nissan Leaf with 83 units. The market share of new registrations from January to February 2019, BMW takes first place with around 18%, followed by Hyundai and Tesla with respectively 16% and then VW with around 13%.

Source: Statistics Austria; Data status: 28.02.2019; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, February 2019

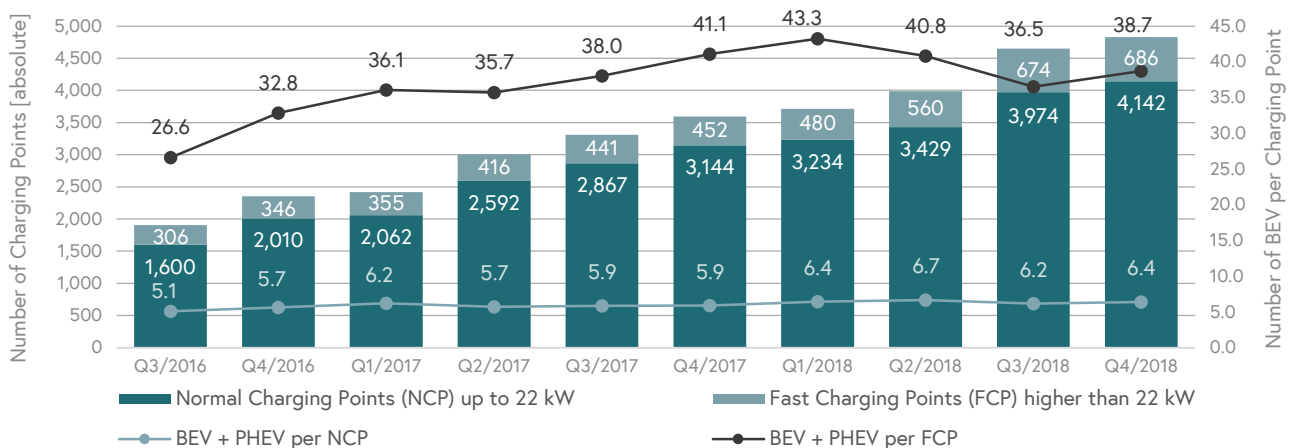
## Population of e-vehicles of category M1 over time (for Austria)



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 February 2019. As of the end of February 2019, 27,971 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 0.56%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 28.2.2019; 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

# Facts & Figures

Electromobility in Austria, February 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 Feb
<b>Passenger Vehicle Class M1</b>	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	4,984,830
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	2,145,068
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	2,774,045
Battery Electric Vehicle (BEV)	353	989	1,389	2,070	3,386	5,032	9,073	14,618	20,831	21,947
Compressed natural gas CNG (monovalent/bivalent)	0	2,670	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,529
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	n/a.	n/a.	408	776	1,512	2,287	3,948	5,710	5,998
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	27,971
Electro Vehicle - Change on Previous Year	58.3%	180.2%	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	41.1%
Electric Vehicle Share in Population M1	0.01%	0.02%	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.56%
<b>Further Electric Vehicles of the Classes L, M, N</b>	3,217	4,024	5,120	5,594	6,067	6,532	7,524	8,912	10,920	11,094
Motorbikes/Tricycles/Quadricycles (Class L)	3,034	3,772	4,565	4,835	5,116	5,324	5,907	7,057	8,614	8,748
Busses Class M2 and M3	113	116	126	139	131	138	149	143	154	159
Duty Vehicle Class N1 (< 3.5 ton)	69	135	428	619	819	1,069	1,467	1,711	2,141	2,176
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 28.2.2019; the PHEV population were calculated on the basis of the old PHEV population and the new registrations of PHEV of the respective month; 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 Feb
<b>Passenger Vehicle Class M1</b>	328,563	356,145	336,010	319,035	303,318	308,555	329,604	353,320	341,068	48,897
Petrol incl. Flex-Fuel	159,740	159,027	143,325	134,276	126,503	122,832	131,756	163,701	184,150	26,626
Diesel	167,130	194,721	189,622	180,901	172,381	179,822	188,820	175,458	140,111	19,548
Battery Electric Vehicle (BEV)	112	631	427	654	1,281	1,677	3,826	5,433	6,757	1,198
Compressed natural gas CNG (monovalent/bivalent)	333	444	460	628	788	703	484	435	641	35
Plug-In Hybrid Electric Vehicle (PHEV)	0	0	0	184	434	1,101	1,237	1,721	1,888	288
Fuel Cell Electric Vehicle (FCEV)	0	0	0	0	3	9	5	0	7	3
New E-Vehicle Registrations M1 (BEV,PHEV,FCEV)	112	631	427	838	1,718	2,787	5,068	7,154	8,652	1,489
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%	3.05%
<b>Further Electric Vehicles of the Classes L, M, N</b>	1,225	979	1,400	791	876	930	1,949	1,910	2,724	174
Motorbikes/Tricycles/Quadricycles (Class L)	1,206	923	1,094	585	672	651	1,478	1,667	2,251	134
Busses Class M2 and M3	8	5	14	15	1	12	22	6	17	5
Duty Vehicle Class N1 (< 3.5 ton)	11	51	292	191	203	267	449	237	446	35
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 28.2.2019; Illustration: AustriaTech

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## 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 include 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.

### All Facts & Figures can be found at:

<https://www.bmvit.gv.at/en/verkehr/electromobility/index.html>

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