

# Electromobility in Austria

Facts & Figures  
November 2019

## Highlights in November 2019

In November, 951 electric vehicles were newly registered in Austria and the stock has risen to 36,491. Compared to other federal states, Vorarlberg has a BEV share of 3.54% in new registrations. The Hyundai Kona is the most popular BEV model with 194 new registrations in November 2019. In the comparison of brands Tesla leads with around 31% market share.

The monthly Facts & Figures-sheet offers a compact overview of current developments in the electromobility. As a federal agency, AustriaTech assumes the role of an expert organisation and prepares the data factually and neutrally.



**951**  
E-Vehicles  
New Registrations



**36,491**  
E-Vehicles  
Population



**Vorarlberg**  
With 3.54%  
Highest BEV-Share

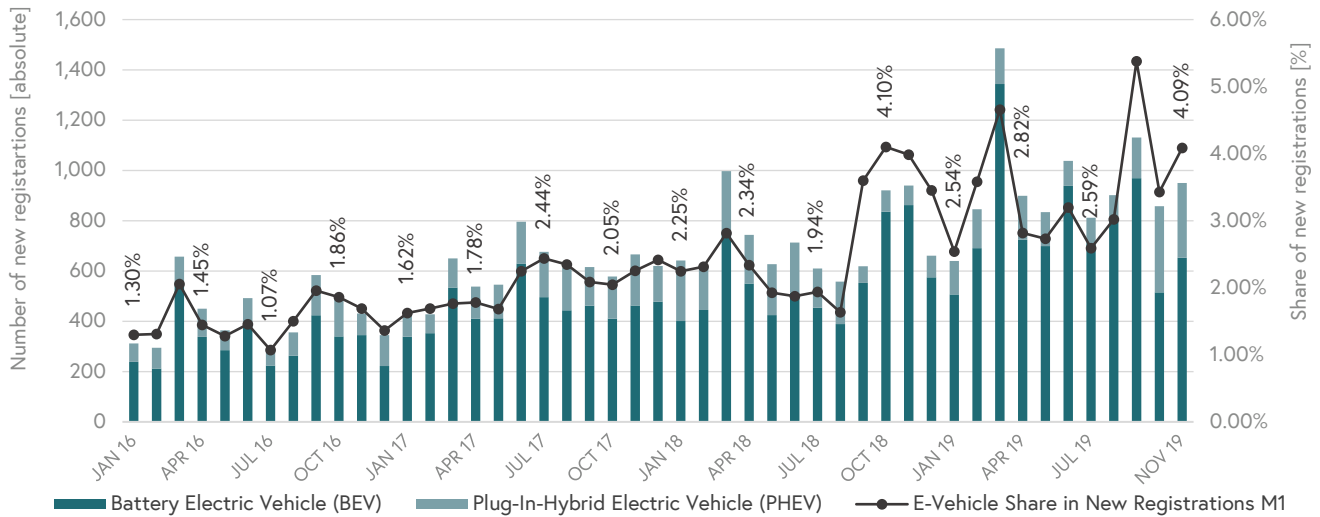


**Hyundai Kona**  
Mostly Registered  
BEV-Model

# Facts & Figures

Electromobility in Austria, November 2019

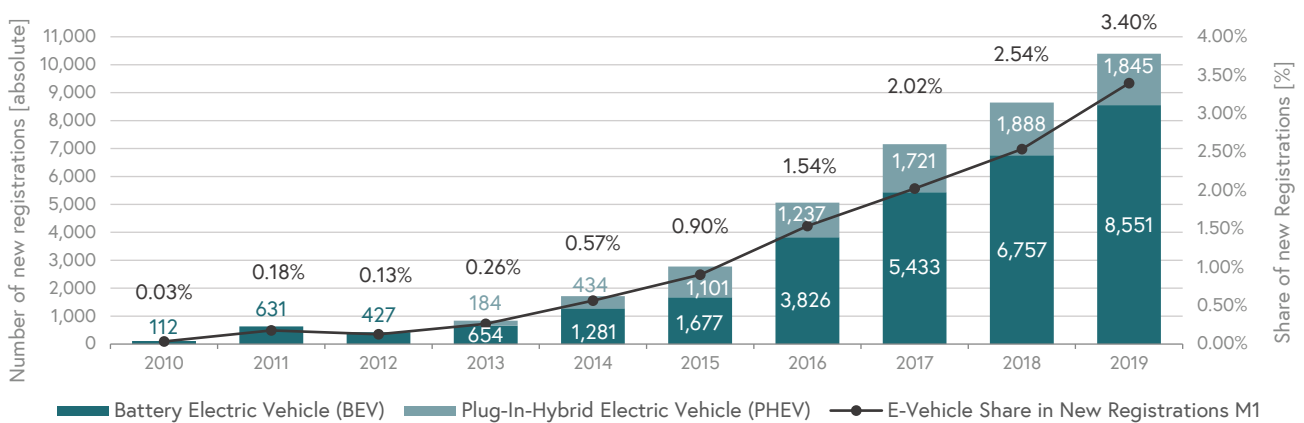
## New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In November 2019, 653 BEV (+27% on the previous month), 297 PHEV (-13% on the previous month) and one FCEV (-75% on the previous month) were newly registered. The share of new registrations of e-vehicles in November 2019 was 4.09%.

Source: Statistics Austria; Data status: End of each month respectively 30.11.2019; 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)



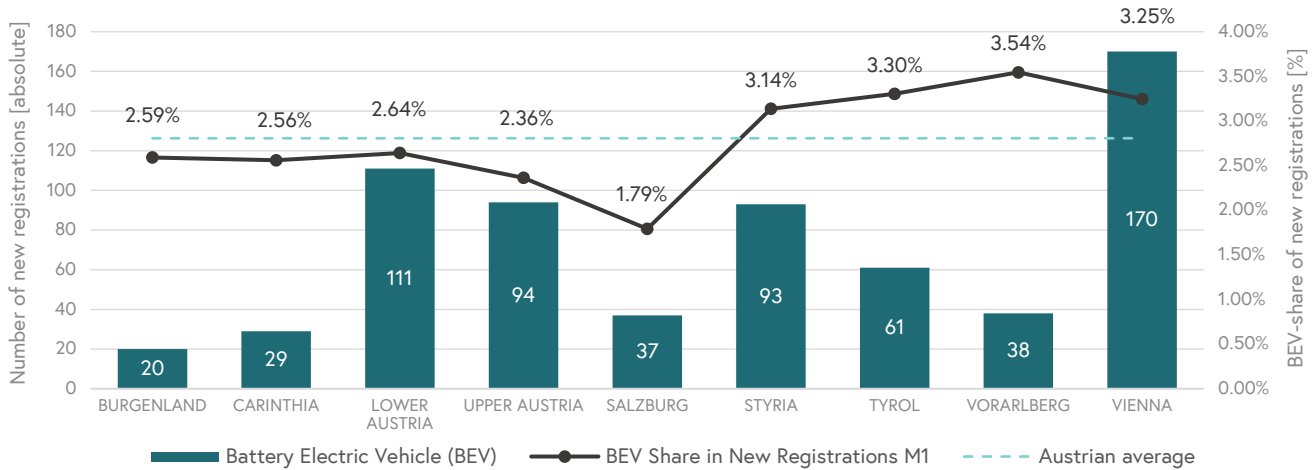
From January to November 2019, 8,551 BEV, 1,845 PHEV and 19 FCEV were newly registered. Compared to November 2018, new registrations of BEV decreased by 24%, PHEV new registrations increased by 281% and FCEV registrations have stayed the same. The e-vehicle share of category M1 registrations from January to November 2019 is 3,40%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.11.2019; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, November 2019

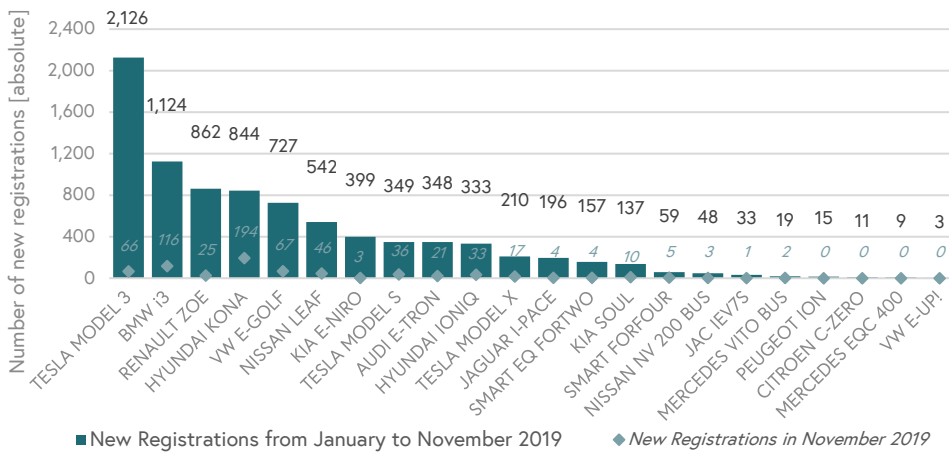
## New registrations of BEV cars of category M1 by Austrian federal state (November 2019)



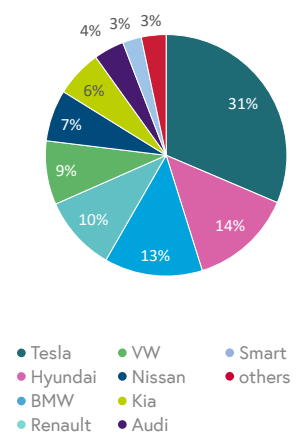
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 3.54%, followed by Tyrol (3.30%) and Vienna (3.25%). Austria has a BEV share of 2.81%. In the absolute number of newly registered BEV, Vienna is ahead with 170 e-cars, followed by Lower Austria (111) and then Upper Austria (94).

Source: Statistics Austria; Data status: 30.11.2019; Illustration: AustriaTech

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



## BEV market share 2019 (M1)



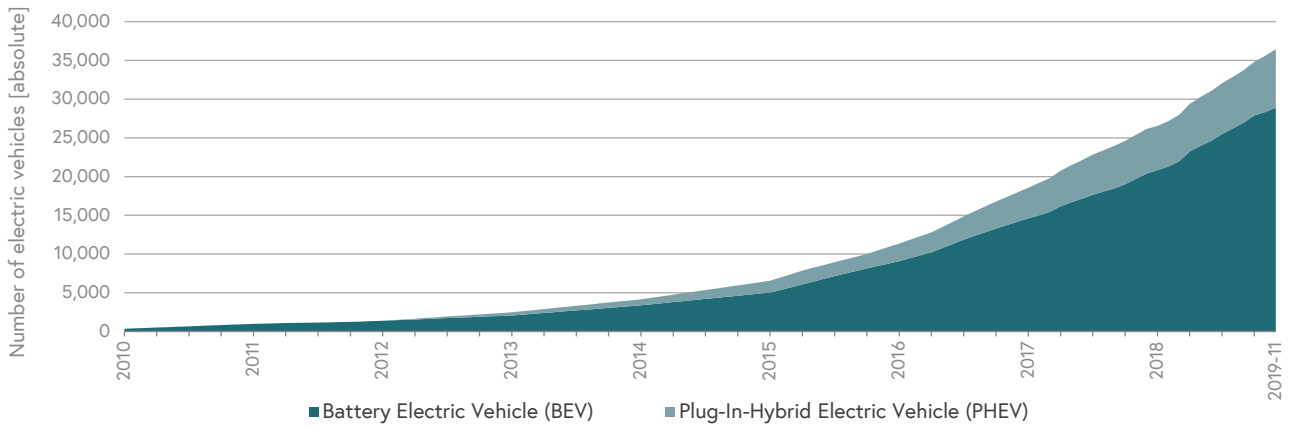
In the period from January to November 2019 the most popular model was the Tesla Model 3 with 2,126 units, followed by the BMW i3 with 1,124 units and the Renault Zoe with 862 units. The most popular model in November was the Hyundai Kona with 194 units, followed by the BMW i3 with 16 units and the VW e-Golf with 67 units. In the market share of new registrations from January to November 2019, Tesla takes first place with around 31%, followed by Hyundai with around 14% and then BMW with around 13%.

Source: Statistics Austria; Data status: 30.11.2019; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, November 2019

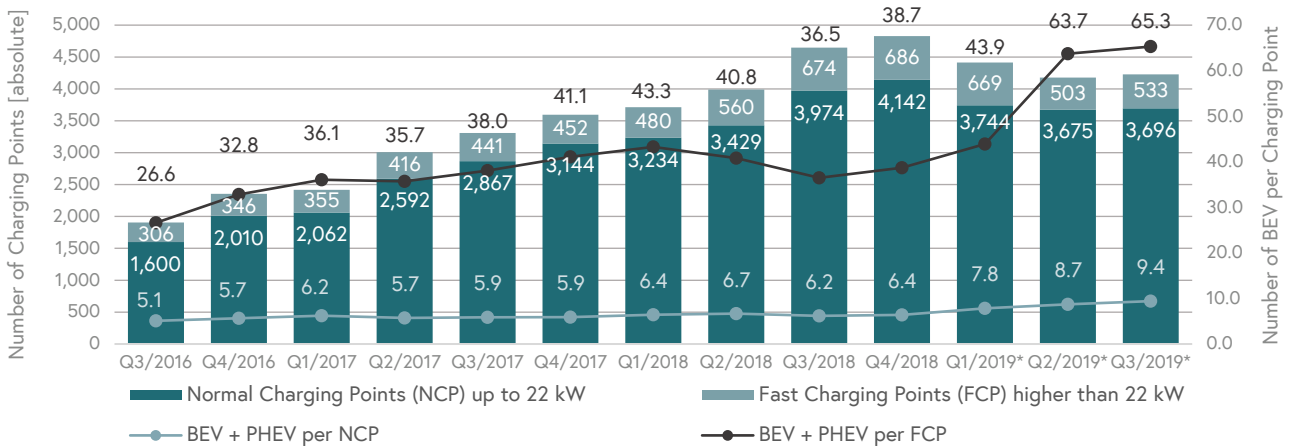
## Population of e-vehicles of category M1 over time (for Austria)



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 November 2019. As of the end of November 2019, 36,491 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 0.72%.

Source: Statistics Austria; Data status: 30.11. of the corresponding year respectively 30.11.2019; 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 3,696 normal charging points and 533 fast charging points until the end of the third quarter of 2019. At this moment there are about nine electric cars (BEV and PHEV) on one NCP and about 65 on a FCP.

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

\*Due to database adjustments, the number of charging points decreased since Q1/2019. This reduction was only in the underlying database, effectively the charging points did not decrease.

# Facts & Figures

Electromobility in Austria, November 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 Nov
<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	5,036,050
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	2,178,552
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	2,772,347
Battery Electric Vehicle (BEV)	353	989	1,389	2,070	3,386	5,032	9,073	14,618	20,831	28,895
Compressed natural gas CNG (monovalent/bivalent)	0	2,670	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,703
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	n/a.	n/a.	408	776	1,512	2,287	3,948	5,710	7,555
Fuel Cell Electric Vehicle (FCEV)	n/a.	n/a.	n/a.	n/a.	3	6	13	19	24	41
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	353	989	1,389	2,478	4,165	6,550	11,373	18,585	26,565	36,491
Electro Vehicle – Change on Previous Year	58.3%	180.2%	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	39.5%
Electric Vehicle Share in Population M1	0.01%	0.02%	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.72%
<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	13,812
Motorbikes/Tricycles/Quadricycles (Class L)	3,034	3,772	4,565	4,835	5,116	5,324	5,907	7,057	8,614	11,023
Busses Class M2 and M3	113	116	126	139	131	138	149	143	154	174
Duty Vehicle Class N1 (< 3.5 ton)	69	135	428	619	819	1,069	1,467	1,711	2,141	2,602
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	1	1	1	11	13

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.11.2019; 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

Vehicle types, fuel types or energy source	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019 Nov
<b>Passenger Vehicle Class M1</b>	328,563	356,145	336,010	319,035	303,318	308,555	329,604	353,320	341,068	306,707
Petrol incl. Flex-Fuel	159,740	159,027	143,325	134,276	126,503	122,832	131,756	163,701	184,150	165,628
Diesel	167,130	194,721	189,622	180,901	172,381	179,822	188,820	175,458	140,111	117,287
Battery Electric Vehicle (BEV)	112	631	427	654	1,281	1,677	3,826	5,433	6,757	8,551
Compressed natural gas CNG (monovalent/bivalent)	333	444	460	628	788	703	484	435	641	511
Plug-In Hybrid Electric Vehicle (PHEV)	0	0	0	184	434	1,101	1,237	1,721	1,888	1,845
Fuel Cell Electric Vehicle (FCEV)	0	0	0	0	3	9	5	0	7	19
New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)	112	631	427	838	1,718	2,787	5,068	7,154	8,652	10,415
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%	3.40%
<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	2,892
Motorbikes/Tricycles/Quadricycles (Class L)	1,206	923	1,094	585	672	651	1,478	1,667	2,251	2,409
Busses Class M2 and M3	8	5	14	15	1	12	22	6	17	20
Duty Vehicle Class N1 (< 3.5 ton)	11	51	292	191	203	267	449	237	446	461
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	0	0	0	10	2

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.11.2019; The values of the current year are cumulated (Jan - Nov); Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, November 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 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/e-faktencheck>

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