

# Electromobility in Austria

Facts & Figures  
June 2019

## Highlights in June 2019

In June, 1,040 electric vehicles were newly registered in Austria and the stock has risen to 32,083. Compared to other federal states, Vorarlberg has a BEV share of 4.42% in new registrations. The Tesla Model 3 is the most popular BEV model with 346 new registrations in June 2019. In the comparison of brands Tesla leads with around 36% 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.



**1,040**  
E-Vehicles  
New Registrations



**32,083**  
E-Vehicles  
Population



**Vorarlberg**  
With 4.42%  
Highest BEV-Share

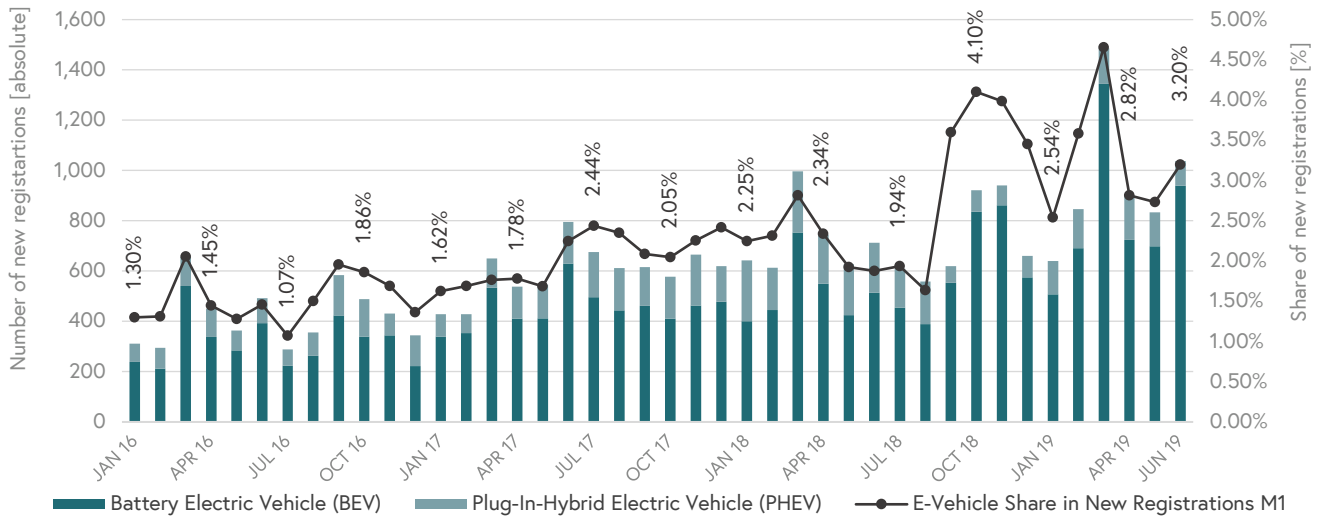


**Tesla Model 3**  
Mostly Registered  
BEV-Model

# Facts & Figures

Electromobility in Austria, June 2019

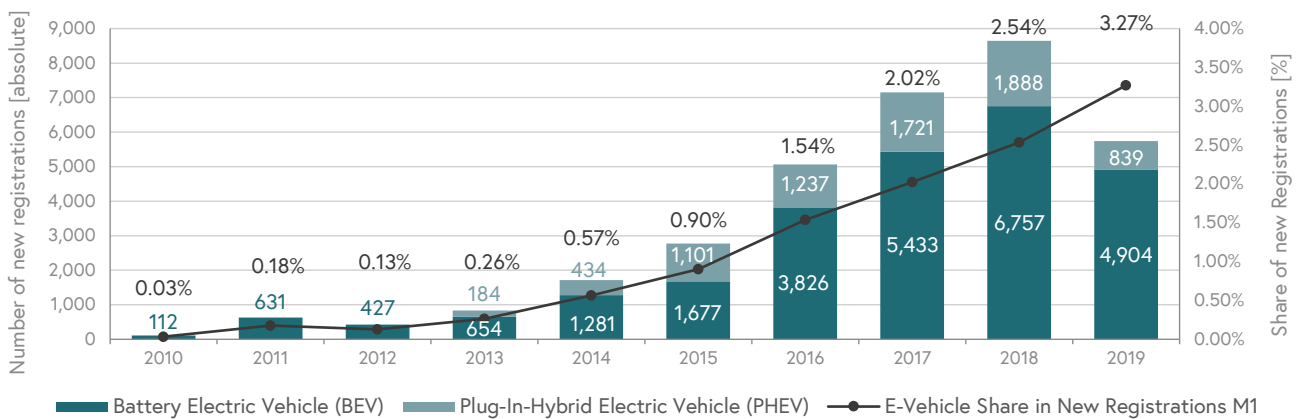
## New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In June 2019, 939 BEV (+ 34% on the previous month), 99 PHEV (- 27% on the previous month) and 2 FCEV (+ 100% on the previous month) were newly registered. The share of new registrations of e-vehicles in June 2019 was 3.20%.

Source: Statistics Austria; Data status: End of each month respectively 30.06.2019; 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)



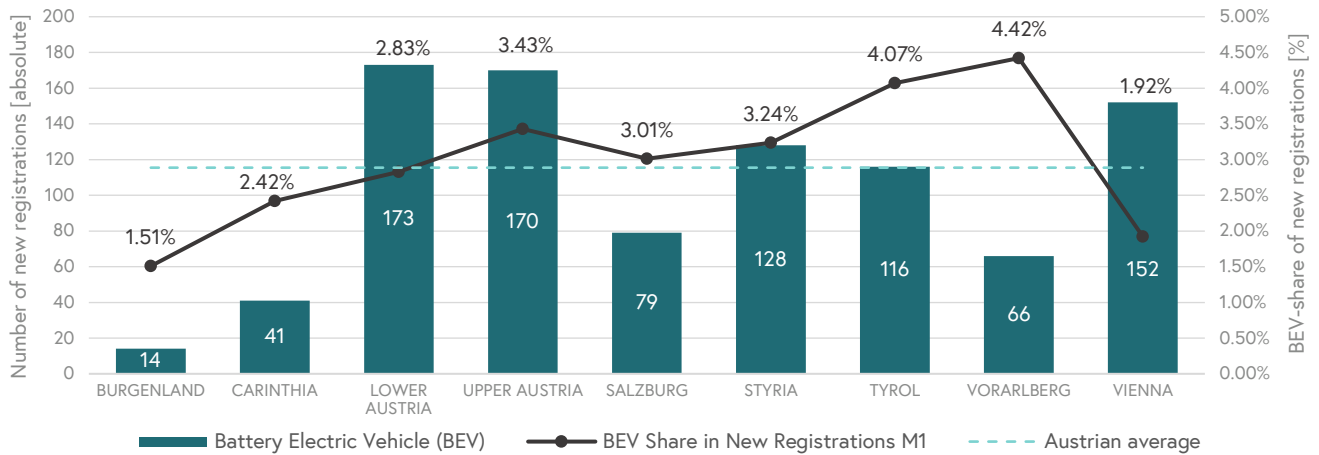
From January to June 2019, 4,904 BEV, 839 PHEV and 9 FCEV were newly registered. Compared to June 2018, new registrations of BEV increased by 83%, PHEV new registrations dropped by 50% and FCEV registrations rose from 0 to 2 unit. The e-vehicle share of category M1 registrations from January to June 2019 is 3.27%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.06.2019; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, June 2019

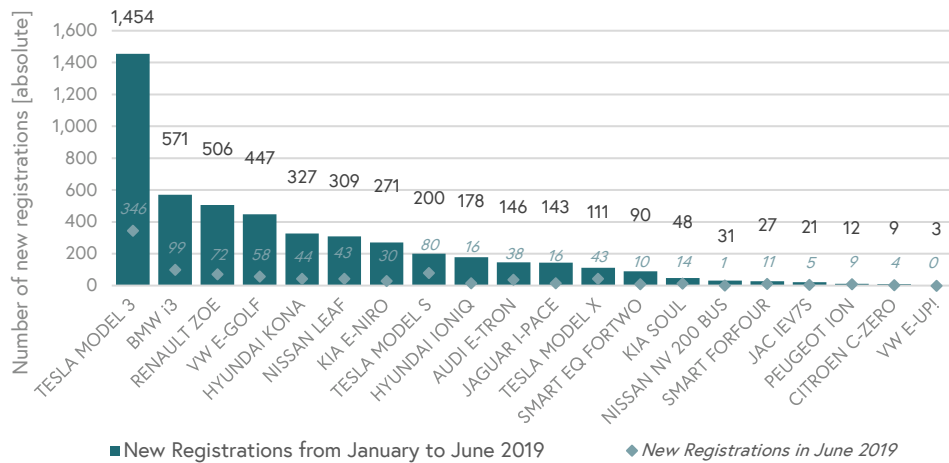
## New registrations of BEV cars of category M1 by Austrian federal state (June 2019)



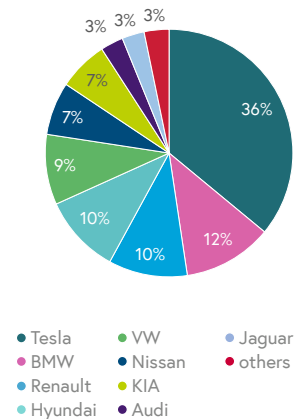
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 4.42%, followed by Tyrol (4.07%) and Upper Austria (3.43%). Austria has a BEV share of 2.89%. In the absolute number of newly registered BEVs, Lower Austria is ahead with 173 E-cars, followed by Upper Austria (170) and then Vienna (152).

Source: Statistics Austria; Data status: 30.06.2019; Illustration: AustriaTech

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



## BEV market share 2019 (M1)



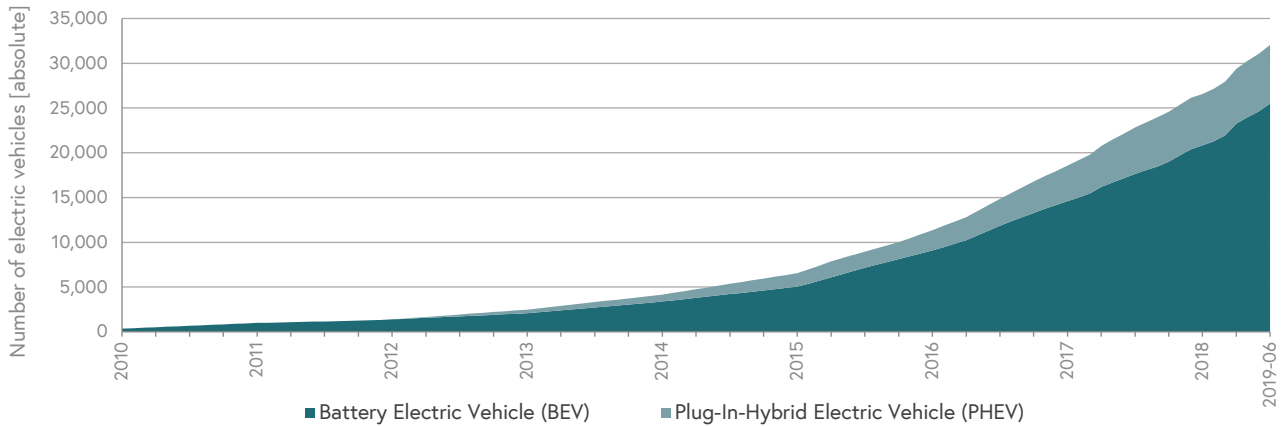
In the period from January to June 2019 the most popular model was the Tesla Model 3 with 1,454 units, followed by the BMW i3 with 571 units and the Renault Zoe with 506 units. The most popular model in June was the Tesla Model 3 with 346 units, followed by the BMW i3 with 99 units and the Tesla Model S with 80 units. The market share of new registrations from January to June 2019, Tesla takes first place with around 36%, followed by BMW with 12% then Renault with around 10%.

Source: Statistics Austria; Data status: 30.06.2019; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, June 2019

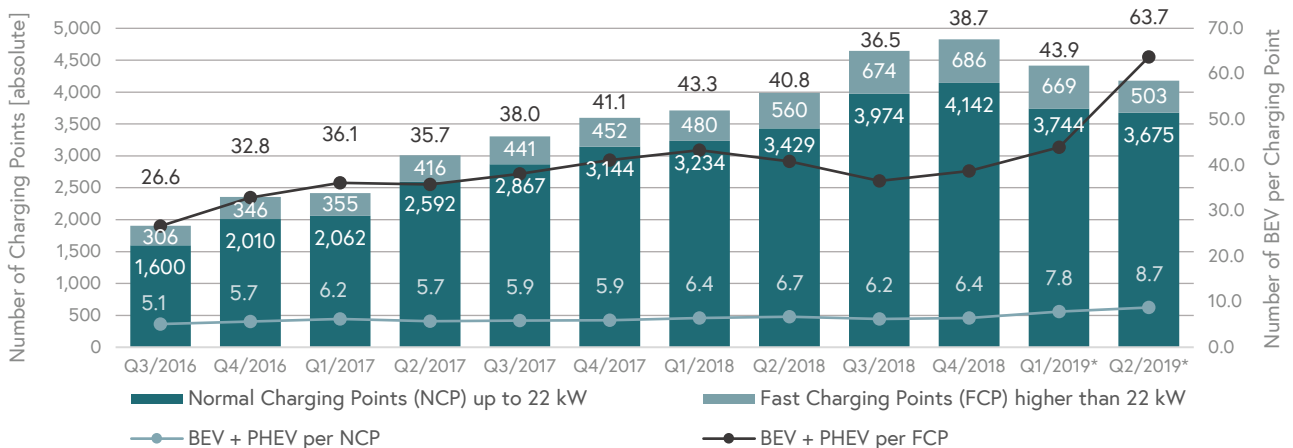
## Population of e-vehicles of category M1 over time (for Austria)



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 June 2019. As of the end of June 2019, 32,083 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 0.64%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.06.2019; 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 3,675 normal charging points and 503 fast charging points until the end of the 2nd quarter of 2019. At this moment there are about 9 electric cars (BEV and PHEV) on one NCP and about 64 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, June 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 June
<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	5,022,619
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	2,170,055
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	2,778,272
Battery Electric Vehicle (BEV)	353	989	1,389	2,070	3,386	5,032	9,073	14,618	20,831	25,499
Compressed natural gas CNG (monovalent/bivalent)	0	2,670	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,604
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	n/a.	n/a.	408	776	1,512	2,287	3,948	5,710	6,549
Fuel Cell Electric Vehicle (FCEV)	n/a.	n/a.	n/a.	n/a.	3	6	13	19	24	35
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	353	989	1,389	2,478	4,165	6,550	11,373	18,585	26,565	32,083
Electro Vehicle - Change on Previous Year	58.3%	180.2%	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	40.3%
Electric Vehicle Share in Population M1	0.01%	0.02%	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.64%
<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	12,574
Motorbikes/Tricycles/Quadricycles (Class L)	3,034	3,772	4,565	4,835	5,116	5,324	5,907	7,057	8,614	9,941
Busses Class M2 and M3	113	116	126	139	131	138	149	143	154	163
Duty Vehicle Class N1 (< 3.5 ton)	69	135	428	619	819	1,069	1,467	1,711	2,141	2,457
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 30.06.2019; 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 June
<b>Passenger Vehicle Class M1</b>	328,563	356,145	336,010	319,035	303,318	308,555	329,604	353,320	341,068	175,909
Petrol incl. Flex-Fuel	159,740	159,027	143,325	134,276	126,503	122,832	131,756	163,701	184,150	96,137
Diesel	167,130	194,721	189,622	180,901	172,381	179,822	188,820	175,458	140,111	67,719
Battery Electric Vehicle (BEV)	112	631	427	654	1,281	1,677	3,826	5,433	6,757	4,904
Compressed natural gas CNG (monovalent/bivalent)	333	444	460	628	788	703	484	435	641	244
Plug-In Hybrid Electric Vehicle (PHEV)	0	0	0	184	434	1,101	1,237	1,721	1,888	839
Fuel Cell Electric Vehicle (FCEV)	0	0	0	0	3	9	5	0	7	9
New E-Vehicle Registrations M1 (BEV, PHEV, FCEV)	112	631	427	838	1,718	2,787	5,068	7,154	8,652	5,752
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%	3.27%
<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	1,654
Motorbikes/Tricycles/Quadricycles (Class L)	1,206	923	1,094	585	672	651	1,478	1,667	2,251	1,327
Busses Class M2 and M3	8	5	14	15	1	12	22	6	17	9
Duty Vehicle Class N1 (< 3.5 ton)	11	51	292	191	203	267	449	237	446	316
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 30.06.2019; The values of the current year are cumulated (Jan - Jun).; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, June 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/en/verkehr/electromobility/index.html>

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