

# Electromobility in Austria

Facts & Figures  
June 2020



## Highlights in June 2020

In June, 1,759 electric vehicles were newly registered in Austria and the stock has risen to 44,645. Compared to other federal states, Vorarlberg has a BEV share of 5.91% in new registrations. The Tesla Model 3 is the most popular BEV model with 245 new registrations in June 2020. In the comparison of brands Tesla leads with around 29% 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.



**1,759**  
E-Vehicles  
New Registrations



**44,645**  
E-Vehicles  
Population



**Vorarlberg**  
With 5.91%  
Highest BEV-Share

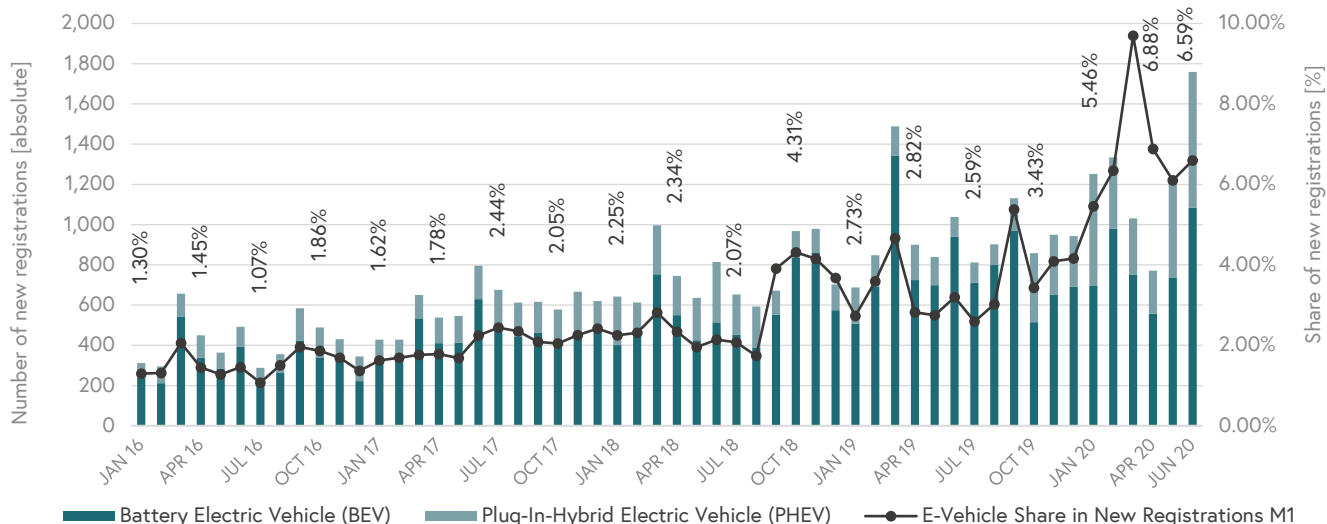


**Tesla Model 3**  
Mostly Registered  
BEV-Model

# Facts & Figures

Electromobility in Austria, June 2020

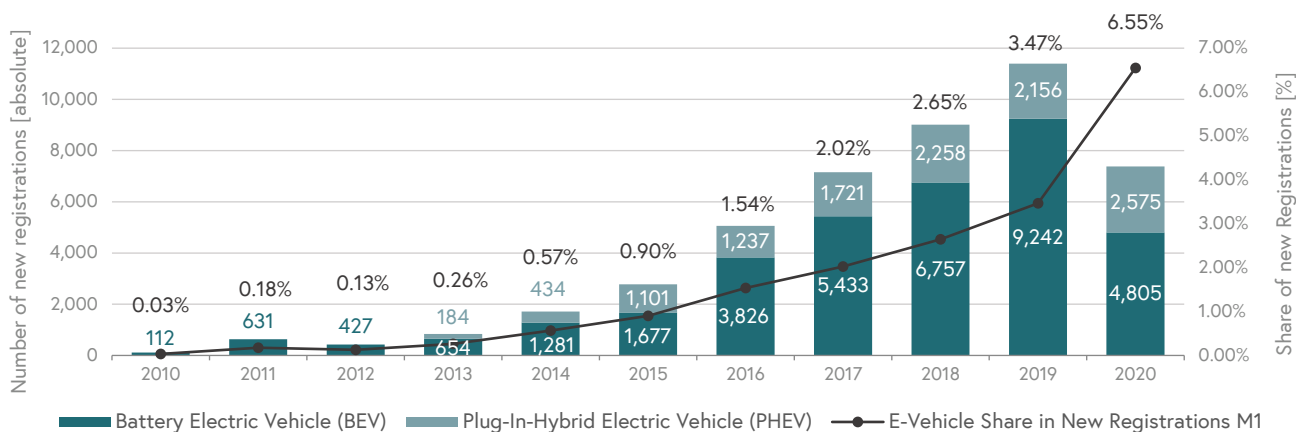
## New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In June 2020, 1,085 BEV (+48% on the previous month), 674 PHEV (+35% on the previous month) and no FCEV (no change in comparison to the preceding month) were newly registered. The share of new registrations of e-vehicles in June 2020 was 6.59%.

Source: Statistics Austria; Data status: End of each month respectively 30.06.2020; 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)



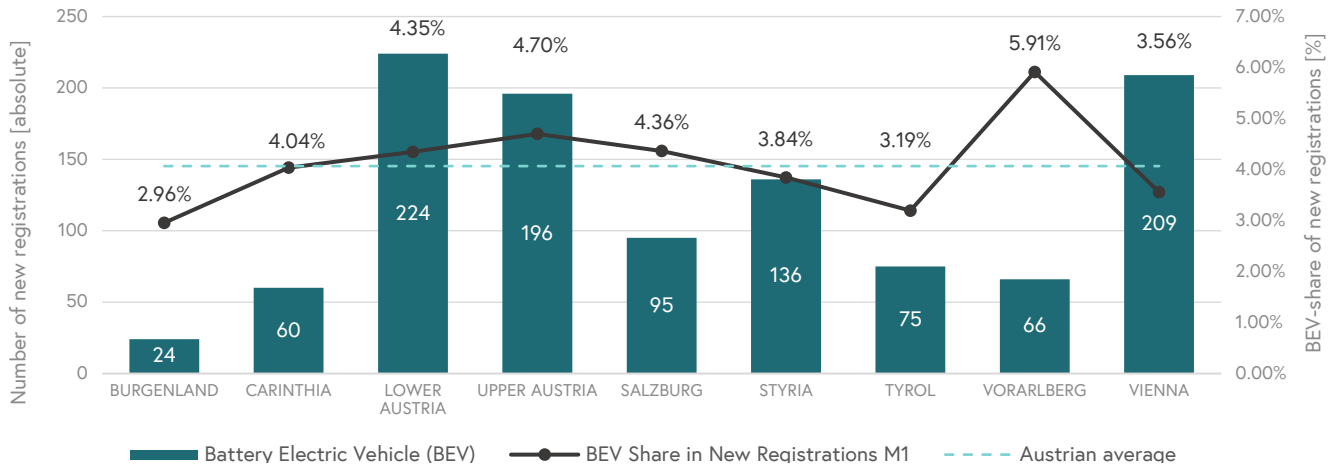
From January to June 2020, 4,805 BEV, 2,575 PHEV and seven FCEV were newly registered. Compared to June 2019, new registrations of BEV increased by 16%, PHEV new registrations increased by 581% and FCEV new registrations dropped from two to zero vehicles. The e-vehicle share of category M1 registrations in June 2020 is 6.55%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.06.2020; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, June 2020

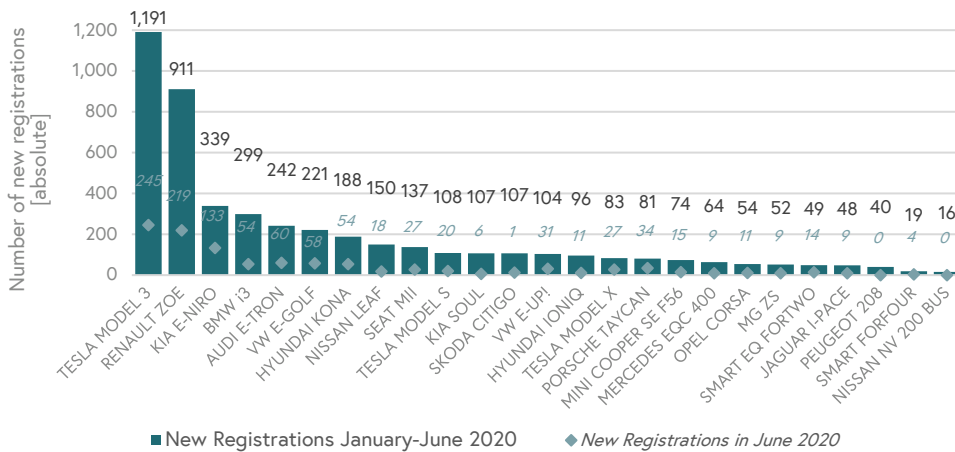
## New registrations of BEV cars of category M1 by Austrian federal state (June 2020)



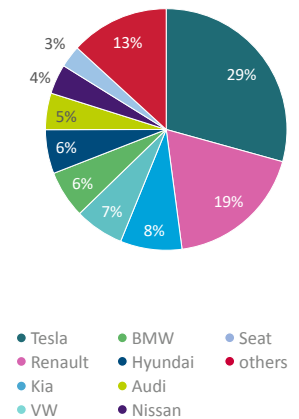
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 5.91%, followed by Upper Austria (4.70%) and Salzburg (4.36%). Austria has a BEV share of 4.07%. In the absolute number of newly registered BEV, Lower Austria is ahead with 224, followed by Vienna (209) and then Upper Austria (196).

Source: Statistics Austria; Data status: 30.06.2020; Illustration: AustriaTech

## New registrations of BEV cars of category M1 by model (June 2020)



## BEV market share 2020 (M1)



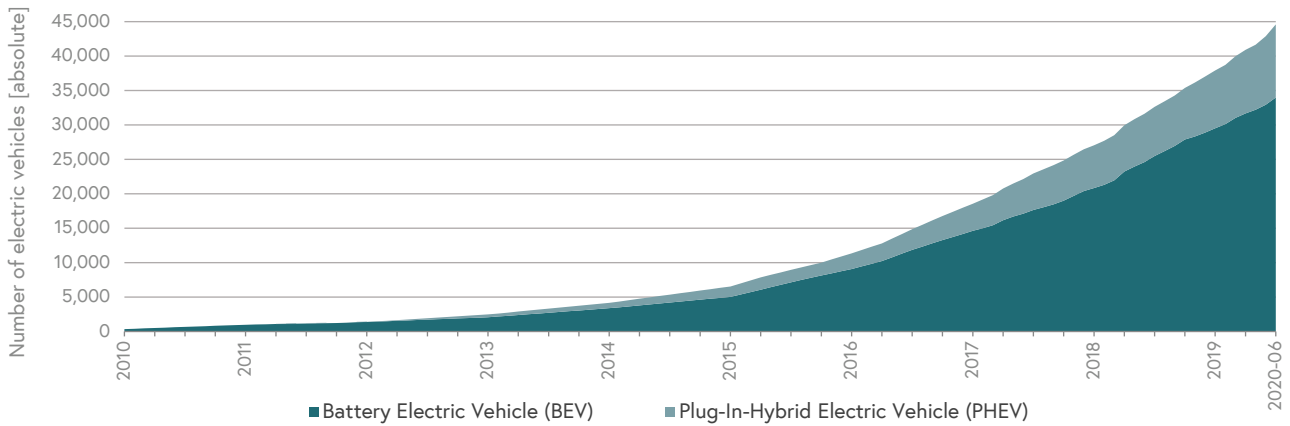
In the period from January to June 2020 the most popular model was the Tesla Model 3 with 1191 units, followed by the Renault Zoe with 911 units and the Kia E-Niro with 339 units. The most popular model in June was the Tesla Model 3 with 245 units, followed by the Renault Zoe with 219 units and the Kia E-Niro with 133 units. In the market share of new registrations from January to June 2020, Tesla takes first place with around 29%, followed by Renault with around 19% and then Kia with around 9%.

Source: Statistics Austria; Data status: 30.06.2020; only the top 25 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, June 2020

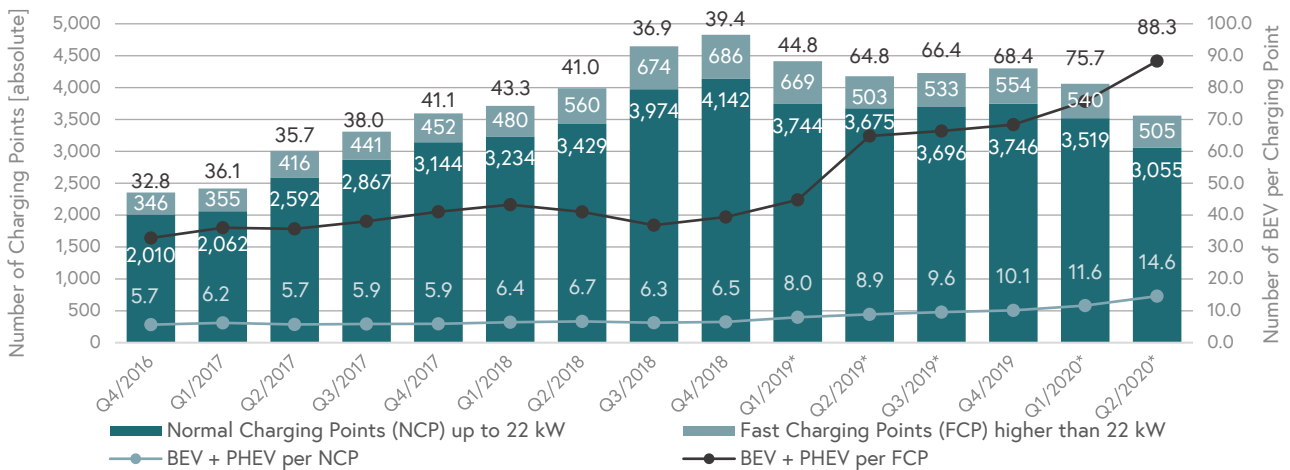
## Population of e-vehicles of category M1 over time (for Austria)



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 2020. As of the end of June 2020, 44,645 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 0.88%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.06.2020; 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 3,055 normal charging points and 505 fast charging points until the end of the second quarter of 2020. At this moment there are about 15 electric cars (BEV and PHEV) on one NCP and about 88 on a FCP.

Source: 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 and Q1/2020. This reduction was only in the underlying database, effectively the charging points did not decrease.

# Facts & Figures

Electromobility in Austria, June 2020

## Vehicle population by vehicle type, fuel type and energy source

Vehicle types, fuel types or energy source	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 June
<b>Passenger Vehicle Class M1</b>	4,513,421	4,584,202	4,641,308	4,694,921	4,748,048	4,821,557	4,898,578	4,978,852	5,039,548	5,055,554
Petrol incl. Flex-Fuel	1,997,066	2,001,295	2,003,699	2,011,104	2,019,139	2,038,019	2,080,434	2,139,239	2,179,235	2,187,553
Diesel	2,506,511	2,570,124	2,621,133	2,663,063	2,702,922	2,749,046	2,770,470	2,776,332	2,772,854	2,764,500
Battery Electric Vehicle (BEV)	989	1,389	2,070	3,386	5,032	9,073	14,618	20,831	29,523	33,984
Compressed natural gas CNG (monovalent/bivalent)	2,670	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,752
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	n/a.	408	776	1,512	2,287	3,948	5,710	8,042	10,617
Fuel Cell Electric Vehicle (FCEV)	n/a.	n/a.	n/a.	3	6	13	19	24	41	44
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	989	1,389	2,478	4,165	6,550	11,373	18,585	26,565	37,606	44,645
Electro Vehicle – Change on Previous Year	180.2%	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	38.9%	36.7%
Electric Vehicle Share in Population M1	0.02%	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	0.88%
<b>Further Electric Vehicles of the Classes L, M, N</b>	4,024	5,120	5,594	6,067	6,532	7,524	8,912	10,920	14,061	15,424
Motorbikes/Tricycles/Quadracycles (Class L)	3,772	4,565	4,835	5,116	5,324	5,907	7,057	8,614	11,231	12,349
Busses Class M2 and M3	116	126	139	131	138	149	143	154	176	189
Duty Vehicle Class N1 (< 3.5 ton)	135	428	619	819	1,069	1,467	1,711	2,141	2,641	2,873
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	1	1	11	13	13

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.06.2020; 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	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 June
<b>Passenger Vehicle Class M1</b>	356,145	336,010	319,035	303,318	308,555	329,604	353,320	341,068	329,389	112,787
Petrol incl. Flex-Fuel	159,027	143,325	134,276	126,503	122,832	131,756	163,701	184,150	176,706	52,761
Diesel	194,721	189,622	180,901	172,381	179,822	188,820	175,458	140,111	126,311	42,891
Battery Electric Vehicle (BEV)	631	427	654	1,281	1,677	3,826	5,433	6,757	9,242	4,805
Compressed natural gas CNG (monovalent/bivalent)	444	460	628	788	703	484	435	641	578	224
Plug-In Hybrid Electric Vehicle (PHEV)	0	0	184	434	1,101	1,237	1,721	1,888	2,097	2,575
Fuel Cell Electric Vehicle (FCEV)	0	0	0	3	9	5	0	7	19	7
New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)	631	427	838	1,718	2,787	5,068	7,154	8,652	11,358	7,387
Electro Vehicle Share of New Registrations M1	0.18%	0.13%	0.26%	0.57%	0.90%	1.54%	2.02%	2.54%	3.45%	6.55%
<b>Further Electric Vehicles of the Classes L, M, N</b>	979	1,400	791	876	930	1,949	1,910	2,724	2,998	1,363
Motorbikes/Tricycles/Quadracycles (Class L)	923	1,094	585	672	651	1,478	1,667	2,251	2,482	1,118
Busses Class M2 and M3	5	14	15	1	12	22	6	17	22	13
Duty Vehicle Class N1 (< 3.5 ton)	51	292	191	203	267	449	237	446	492	232
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	0	0	10	2	0

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.06.2020; The values of the current year are cumulated (Jan - Jun); Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, June 2020

## 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 Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK). 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 and guidelines.

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

[bmk.gv.at/e-faktencheck](https://bmk.gv.at/e-faktencheck)

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