

# Electromobility in Austria

Facts & Figures  
October 2020



## Highlights in October 2020

In October, 2,633 electric vehicles were newly registered in Austria and the stock has risen to 53,207. Compared to other federal states, Salzburg has a BEV share of 8.90% in new registrations. The Kia E-Niro is the most popular BEV model with 244 new registrations in October 2020. In the comparison of brands Tesla leads with around 22% 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.



**2,633**  
E-Vehicles  
New Registrations



**53,207**  
E-Vehicles  
Population



**Salzburg**  
With 8.90%  
Highest BEV-Share

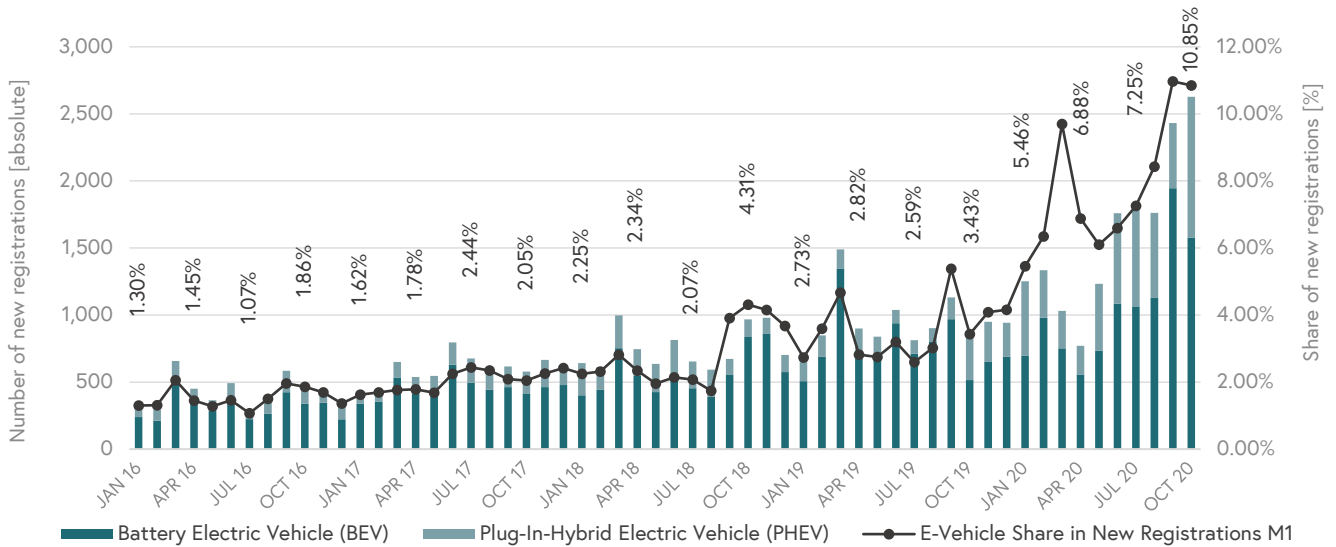


**Kia E-Niro**  
Mostly Registered  
BEV-Model

# Facts & Figures

Electromobility in Austria, October 2020

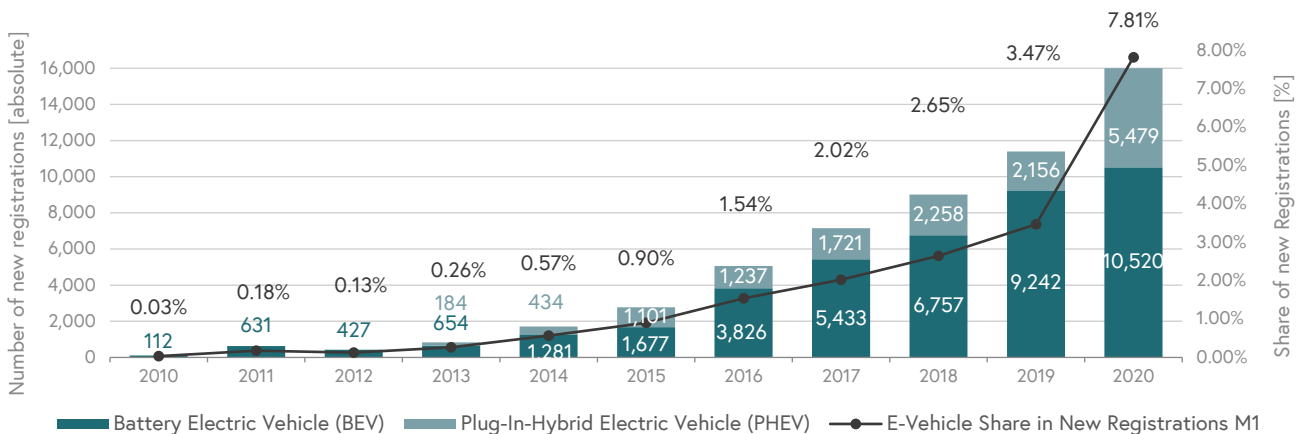
## New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In October 2020, 1,578 BEV (-19% on the previous month), 1,050 PHEV (+116% on the previous month) and five FCEV (from zero to five vehicles) were newly registered. The share of new registrations of e-vehicles in September 2020 was 10.97%.

Source: Statistics Austria; Data status: End of each month respectively 31.10.2020; 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)



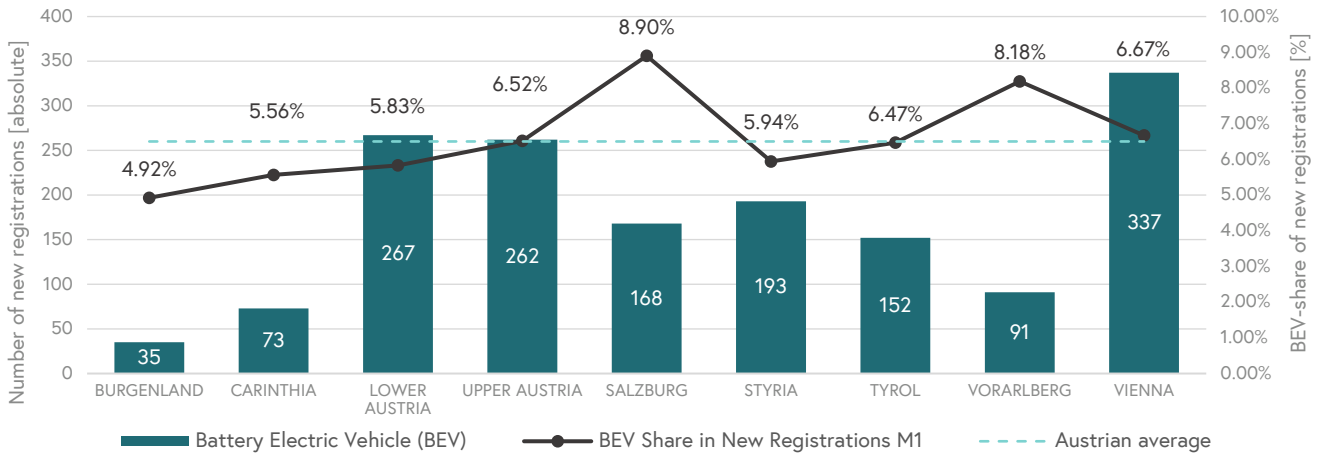
From January to October 2020, 10,520 BEV, 5,479 PHEV and twelve FCEV were newly registered. Compared to October 2019, new registrations of BEV increased by 206%, PHEV new registrations increased by 206% and FCEV new registrations increased by 25%. The e-vehicle share of category M1 registrations in October 2020 is 7.81%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.10.2020; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, October 2020

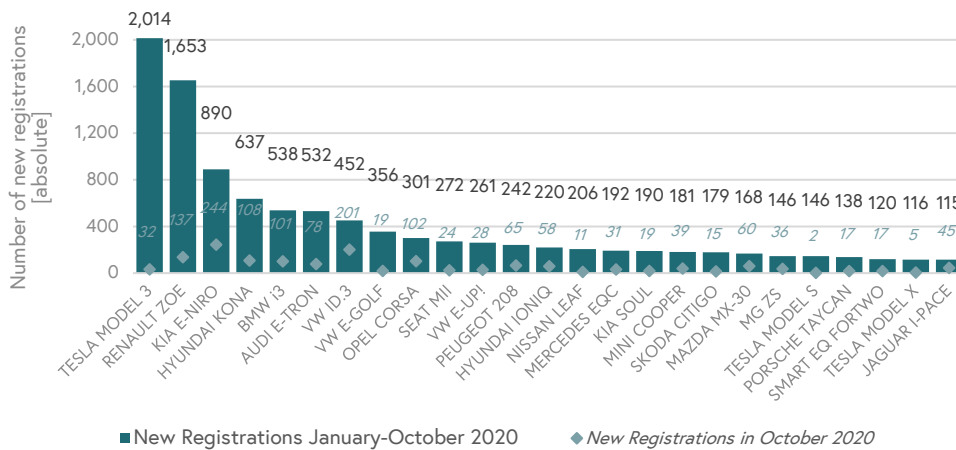
## New registrations of BEV cars of category M1 by Austrian federal state (October 2020)



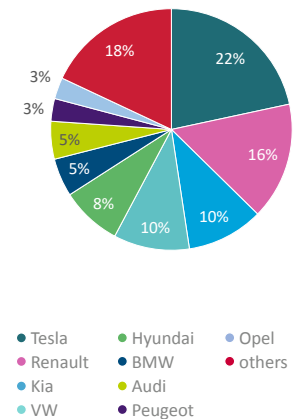
Compared with other Austrian federal states, Salzburg has the highest percentage of BEV in newly registered passenger cars at 8.90%, followed by Vorarlberg (8.18%) and Vienna (6.67%). Austria has a BEV share of 6.50%. In the absolute number of newly registered BEV, Vienna is ahead with 337, followed by Lower Austria (267) and then Upper Austria (262).

Source: Statistics Austria; Data status: 31.10.2020; Illustration: AustriaTech

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



## BEV market share 2020 (M1)



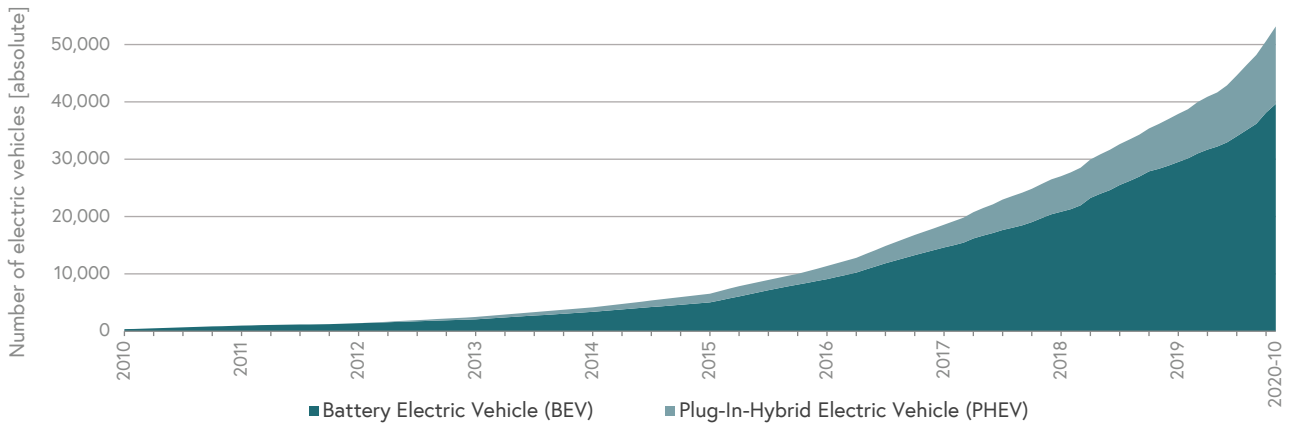
In the period from January to October 2020 the most popular model was the Tesla Model 3 with 2,014 units, followed by the Renault Zoe with 1,653 units and the Kia E-Niro with 890 units. The most popular model in October was the Kia E-Niro with 244 units, followed by the VW ID.3 with 201 units and the Renault Zoe with 137 units. In the market share of new registrations from January to October 2020, Tesla takes first place with around 22%, followed by Renault with around 16% and then Kia with around 10%.

Source: Statistics Austria; Data status: 31.10.2020; only the top 25 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, October 2020

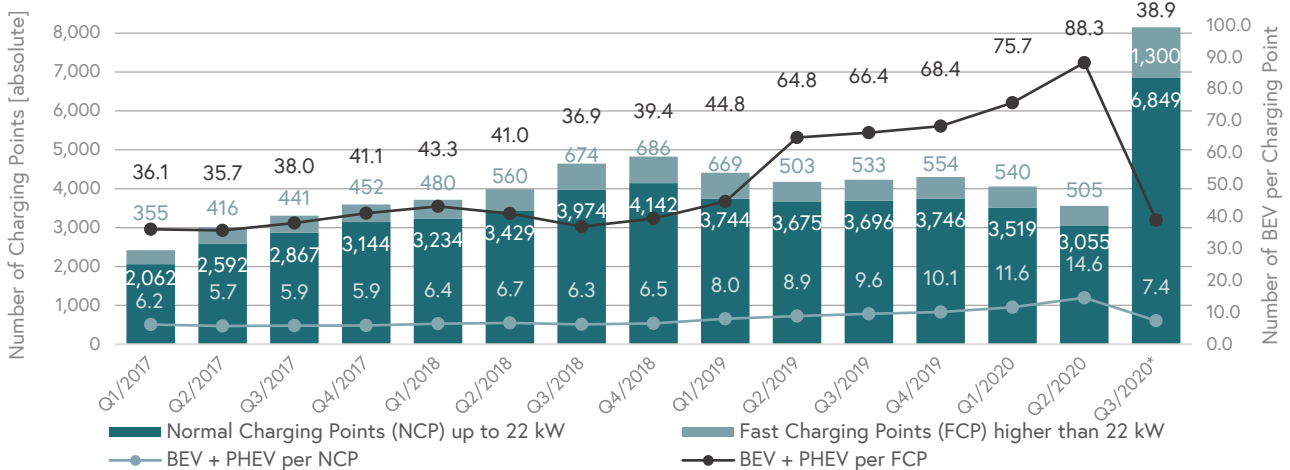
## Population of e-vehicles of category M1 over time (for Austria)



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 October 2020. As of the end of October 2020, 53,207 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 1.05%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.10.2020; 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 6,849 normal charging points and 1,300 fast charging points until the end of the third quarter of 2020. At this moment there are about 7 electric cars (BEV and PHEV) on one NCP and about 39 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 Q2/2020. This reduction was only in the underlying database, effectively the charging points did not decrease. Most of these adjustments have now been corrected, resulting in the appearance of a sharp increase in charging points.

# Facts & Figures

Electromobility in Austria, October 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 Okt
<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	5,085,012
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	2,196,959
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	2,765,996
Battery Electric Vehicle (BEV)	989	1,389	2,070	3,386	5,032	9,073	14,618	20,831	29,523	39,643
Compressed natural gas CNG (monovalent/bivalent)	2,670	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,748
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	n/a.	408	776	1,512	2,287	3,948	5,710	8,042	13,521
Fuel Cell Electric Vehicle (FCEV)	n/a.	n/a.	n/a.	3	6	13	19	24	41	43
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	989	1,389	2,478	4,165	6,550	11,373	18,585	26,565	37,606	53,207
Electro Vehicle – Change on Previous Year	180.2%	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	38.9%	47.0%
Electric Vehicle Share in Population M1	0.02%	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.05%
<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	13,311	16,302
Motorbikes/Tricycles/Quadracycles (Class L)	3,772	4,565	4,835	5,116	5,324	5,907	7,057	8,614	10,533	13,015
Busses Class M2 and M3	116	126	139	131	138	149	143	154	161	175
Duty Vehicle Class N1 (< 3.5 ton)	135	428	619	819	1,069	1,467	1,711	2,141	2,605	3,100
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	1	1	11	12	12

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.10.2020; 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 Okt
<b>Passenger Vehicle Class M1</b>	356,145	336,010	319,035	303,318	308,555	329,604	353,320	341,068	329,389	204,913
Petrol incl. Flex-Fuel	159,027	143,325	134,276	126,503	122,832	131,756	163,701	184,150	176,706	92,068
Diesel	194,721	189,622	180,901	172,381	179,822	188,820	175,458	140,111	126,311	76,373
Battery Electric Vehicle (BEV)	631	427	654	1,281	1,677	3,826	5,433	6,757	9,242	10,520
Compressed natural gas CNG (monovalent/bivalent)	444	460	628	788	703	484	435	641	578	365
Plug-In Hybrid Electric Vehicle (PHEV)	0	0	184	434	1,101	1,237	1,721	1,888	2,097	5,479
Fuel Cell Electric Vehicle (FCEV)	0	0	0	3	9	5	0	7	19	12
New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)	631	427	838	1,718	2,787	5,068	7,154	8,652	11,358	16,011
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%	7.81%
<b>Further Electric Vehicles of the Classes L, M, N</b>	979	1,400	791	876	930	1,949	1,910	2,724	3,141	2,991
Motorbikes/Tricycles/Quadracycles (Class L)	923	1,094	585	672	651	1,478	1,667	2,251	2,617	2,482
Busses Class M2 and M3	5	14	15	1	12	22	6	17	22	14
Duty Vehicle Class N1 (< 3.5 ton)	51	292	191	203	267	449	237	446	500	495
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 31.10.2020; The values of the current year are cumulated (Jan - Oct); Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, October 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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