

Electromobility in Austria

Facts & Figures
February 2021



Highlights in February 2021

In February, 2,927 electric vehicles were newly registered in Austria and the stock has risen to 64,514. Compared to other federal states, Vorarlberg has a BEV share of 13.30% in new registrations. The Tesla Model 3 is the most popular BEV model with 362 new registrations in February 2021. In the comparison of brands VW leads with around 18% 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.



2,927
E-Vehicles
New Registrations



64,514
E-Vehicles
Population



Vorarlberg
With 13.30%
Highest BEV-Share

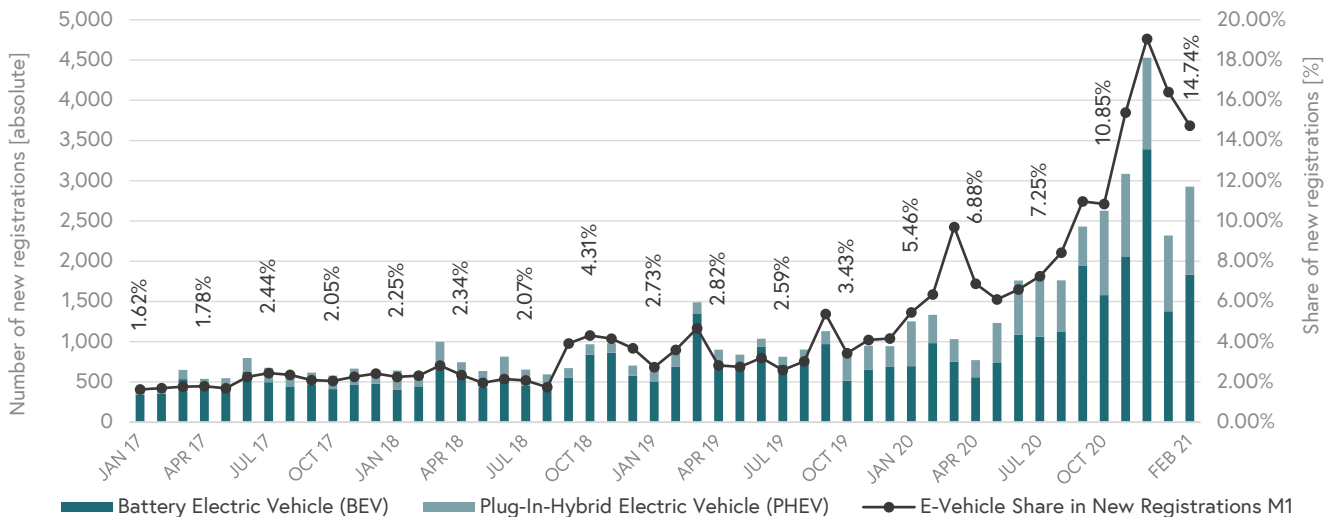


Tesla Model 3
Mostly Registered
BEV-Model

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Electromobility in Austria, February 2021

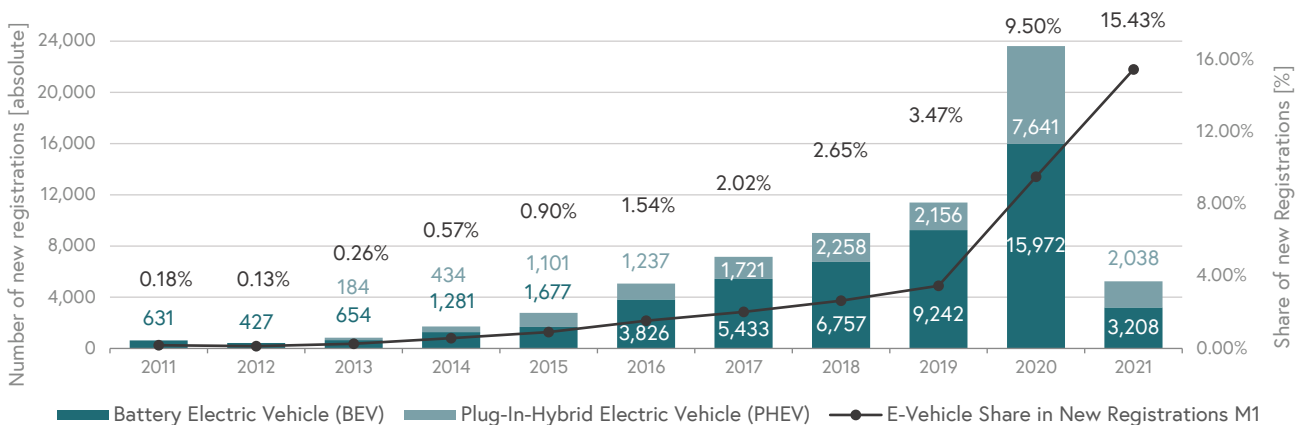
New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since February 2017, there has been a steady upward trend in the newly registered e-vehicles. In February 2021, 1,831 BEV (+33% on the previous month), 1,096 PHEV (+16% on the previous month) and no FCEV (equal to the previous month) were newly registered. The share of new registrations of e-vehicles in February 2021 was 14.74%.

Source: Statistics Austria; Data status: End of each month respectively 30.02.2021; 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)



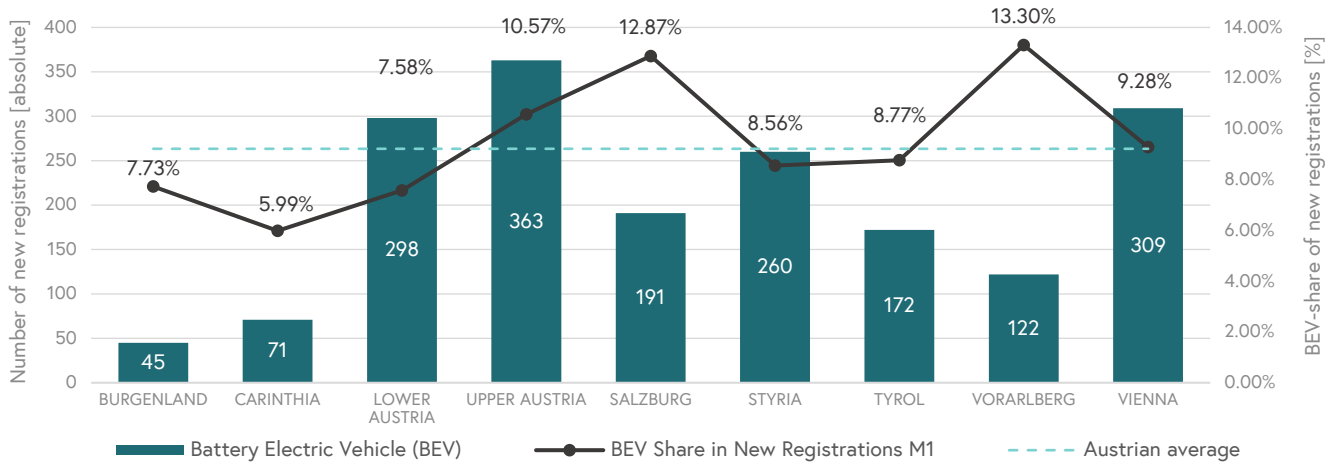
From January to February 2021, 3,208 BEV, 2,038 PHEV and zero FCEV were newly registered. Compared to February 2020, new registrations of BEV increased by 87%, PHEV new registrations increased by 210% and FCEV new registrations have stayed the same. The e-vehicle share of category M1 registrations in February 2021 is 15.43%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.02.2021; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

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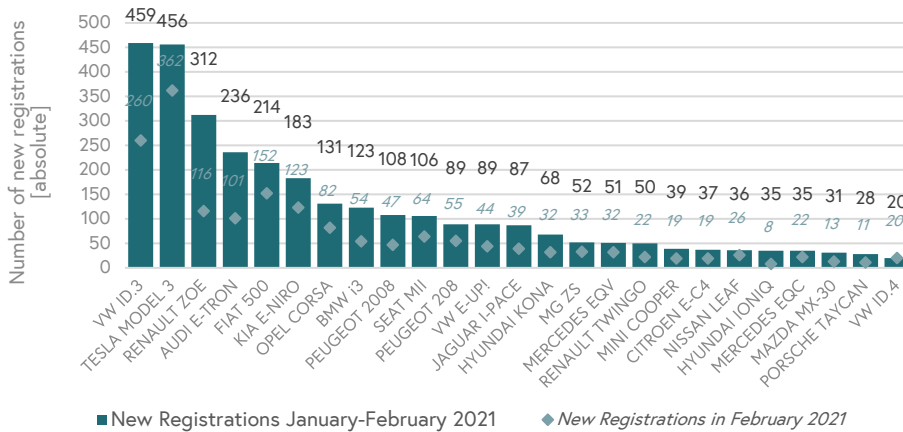
New registrations of BEV cars of category M1 by Austrian federal state (February 2021)



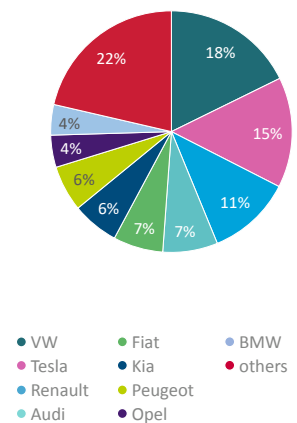
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 13.30%, followed by Salzburg (12.87%) and Upper Austria (10.57%). Austria has a BEV share of 9.22%. In the absolute number of newly registered BEV, Upper Austria is ahead with 363, followed by Vienna (308) and then Lower Austria (298).

Source: Statistics Austria; Data status: 30.02.2021; Illustration: AustriaTech

New registrations of BEV cars of category M1 by model (February 2021)



BEV market share 2021 (M1)



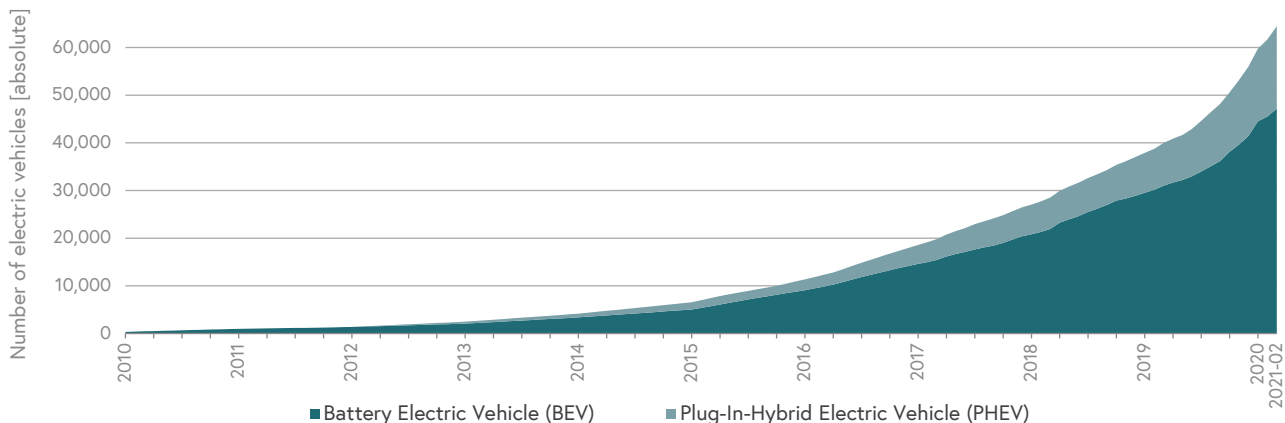
In the period from January to February 2021 the most popular model was the VW ID.3 with 459 units, followed by the Tesla Model 3 with 456 units and the Renault Zoe with 312 units. The most popular model in February was the Tesla Model 3 with 363 units, followed by the VW ID.3 with 260 units and the Fiat 500 with 152 units. In the market share of new registrations from February 2021, VW takes first place with around 18%, followed by Tesla with around 15% and then Renault with around 11%.

Source: Statistics Austria; Data status: 30.02.2021; only the top 25 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

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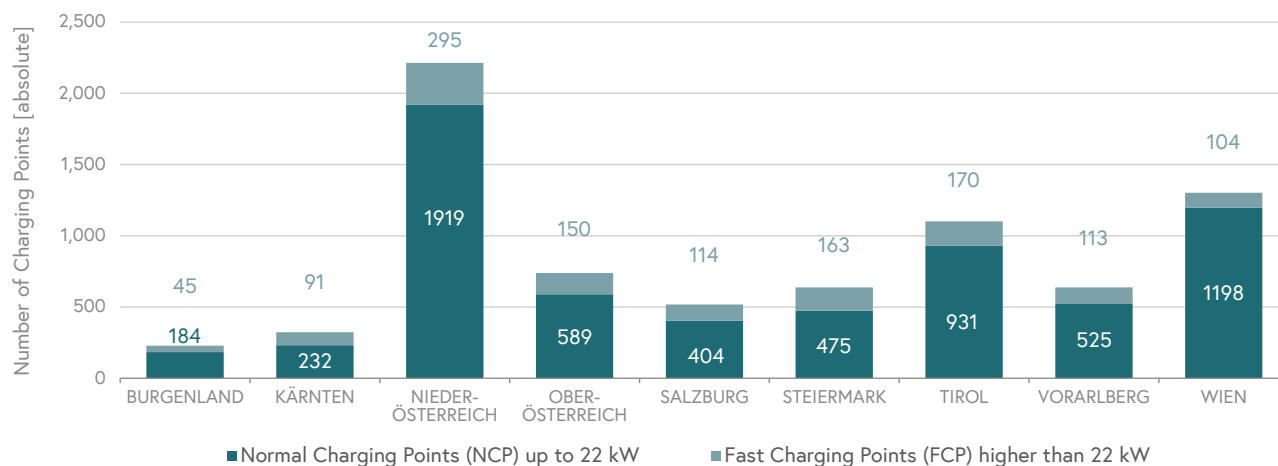
Population of e-vehicles of category M1 over time (for Austria)



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 2021. As of the end of February 2021, 64,514 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 1.27%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.02.2021; 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 per federal state. In total, there were 6,457 normal charging points and 1,245 fast charging points in the first half of the first quarter of 2021. At this moment there are around ten e-cars (BEV and PHEV) per NLP and around 50 per SLP in Austria. There are a total of 7,702 charging points in Austria, where there are around eight e-cars per charging point.

Source: ladestellen.at (E-Control); Data status: 19.02.2021; Illustration: AustriaTech

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Vehicle population by vehicle type, fuel type and energy source

Vehicle types, fuel types or energy source	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 Feb
Passenger Vehicle Class M1	4,584,202	4,641,308	4,694,921	4,748,048	4,821,557	4,898,578	4,978,852	5,039,548	5,091,827	5,094,308
Petrol incl. Flex-Fuel	2,001,295	2,003,699	2,011,104	2,019,139	2,038,019	2,080,434	2,139,239	2,179,235	2,195,578	2,196,342
Diesel	2,570,124	2,621,133	2,663,063	2,702,922	2,749,046	2,770,470	2,776,332	2,772,854	2,762,273	2,755,094
Battery Electric Vehicle (BEV)	1,389	2,070	3,386	5,032	9,073	14,618	20,831	29,523	44,507	47,194
Compressed natural gas CNG (monovalent/bivalent)	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,731	5,701
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	408	776	1,512	2,287	3,948	5,710	8,042	15,237	17,275
Fuel Cell Electric Vehicle (FCEV)	n/a.	n/a.	3	6	13	19	24	41	45	45
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	1,389	2,478	4,165	6,550	11,373	18,585	26,565	37,606	59,789	64,514
Electro Vehicle – Change on Previous Year	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	38.9%	59.0%	61.2%
Electric Vehicle Share in Population M1	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.17%	1.27%
Further Electric Vehicles of the Classes L, M, N	5,120	5,594	6,067	6,532	7,524	8,912	10,920	13,311	16,080	16,440
Motorbikes/Tricycles/Quadracycles (Class L)	4,565	4,835	5,116	5,324	5,907	7,057	8,614	10,533	12,565	12,730
Busses Class M2 and M3	126	139	131	138	149	143	154	161	172	174
Duty Vehicle Class N1 (< 3.5 ton)	428	619	819	1,069	1,467	1,711	2,141	2,605	3,330	3,523
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	1	11	12	13	13

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.02.2021; 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	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 Feb
Passenger Vehicle Class M1	336,010	319,035	303,318	308,555	329,604	353,320	341,068	329,389	248,740	33,996
Petrol incl. Flex-Fuel	143,325	134,276	126,503	122,832	131,756	163,701	184,150	176,706	107,771	14,923
Diesel	189,622	180,901	172,381	179,822	188,820	175,458	140,111	126,311	90,909	8,816
Battery Electric Vehicle (BEV)	427	654	1,281	1,677	3,826	5,433	6,757	9,242	15,972	3,208
Compressed natural gas CNG (monovalent/bivalent)	460	628	788	703	484	435	641	578	407	16
Plug-In Hybrid Electric Vehicle (PHEV)	0	184	434	1,101	1,237	1,721	1,888	2,097	7,641	2,038
Fuel Cell Electric Vehicle (FCEV)	0	0	3	9	5	0	7	19	14	0
New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)	427	838	1,718	2,787	5,068	7,154	8,652	11,358	23,627	5,246
Electro Vehicle Share of New Registrations M1	0.13%	0.26%	0.57%	0.90%	1.54%	2.02%	2.54%	3.45%	9.50%	15.43%
Further Electric Vehicles of the Classes L, M, N	1,400	791	876	930	1,949	1,910	2,724	3,141	3,557	360
Motorbikes/Tricycles/Quadracycles (Class L)	1,094	585	672	651	1,478	1,667	2,251	2,617	2,805	165
Busses Class M2 and M3	14	15	1	12	22	6	17	22	14	2
Duty Vehicle Class N1 (< 3.5 ton)	292	191	203	267	449	237	446	500	739	193
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	0	10	2	0	0

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 30.02.2021; The values of the current year are cumulated (Jan-Feb); 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 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

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