

Electromobility in Austria

Facts & Figures
January 2021



Highlights in January 2021

In January, 2,319 electric vehicles were newly registered in Austria and the stock has risen to 62,180. Compared to other federal states, Vorarlberg has a BEV share of 12.98% in new registrations. The VW ID.3 is the most popular BEV model with 199 new registrations in January 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.



2,319
E-Vehicles
New Registrations



62,180
E-Vehicles
Population



Vorarlberg
With 12.98%
Highest BEV-Share

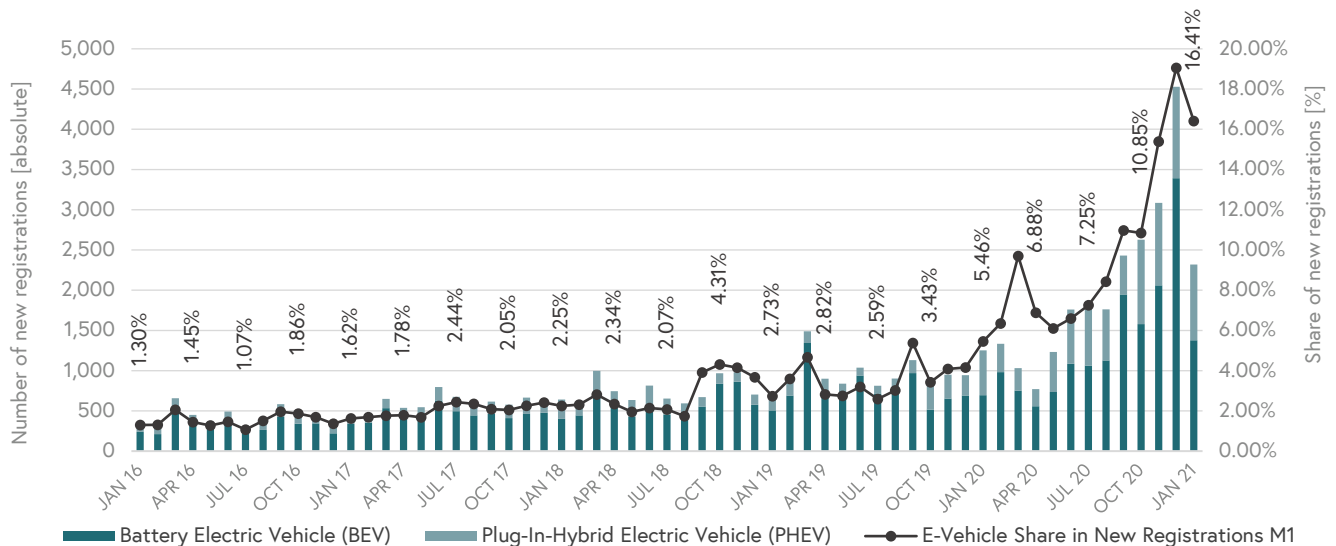


VW ID.3
Mostly Registered
BEV-Model

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Electromobility in Austria, January 2021

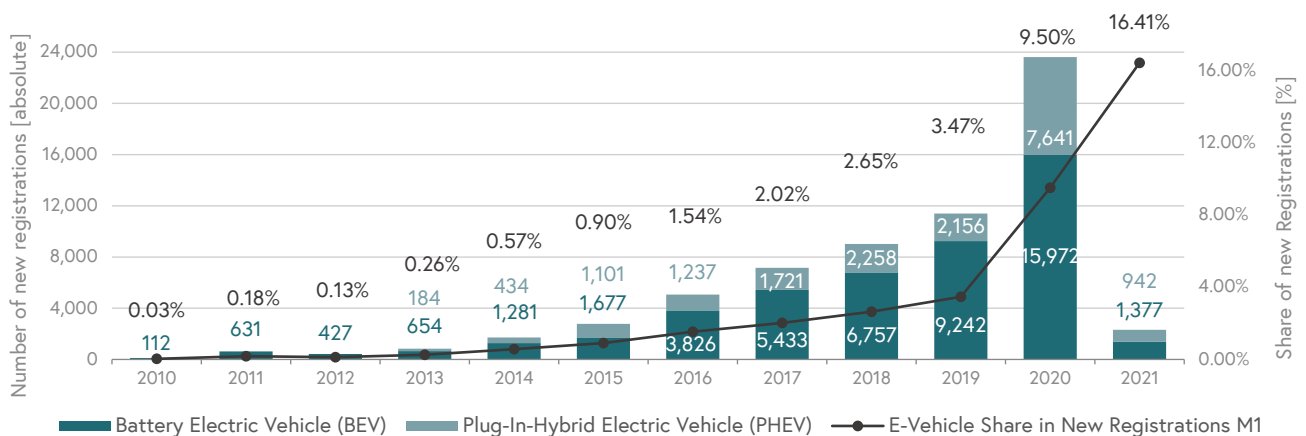
New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In January 2021, 1,377 BEV (-59% on the previous month), 942 PHEV (-17% on the previous month) and no FCEV (-100% to the previous month) were newly registered. The share of new registrations of e-vehicles in January 2021 was 16.41%.

Source: Statistics Austria; Data status: End of each month respectively 31.01.2021; 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)



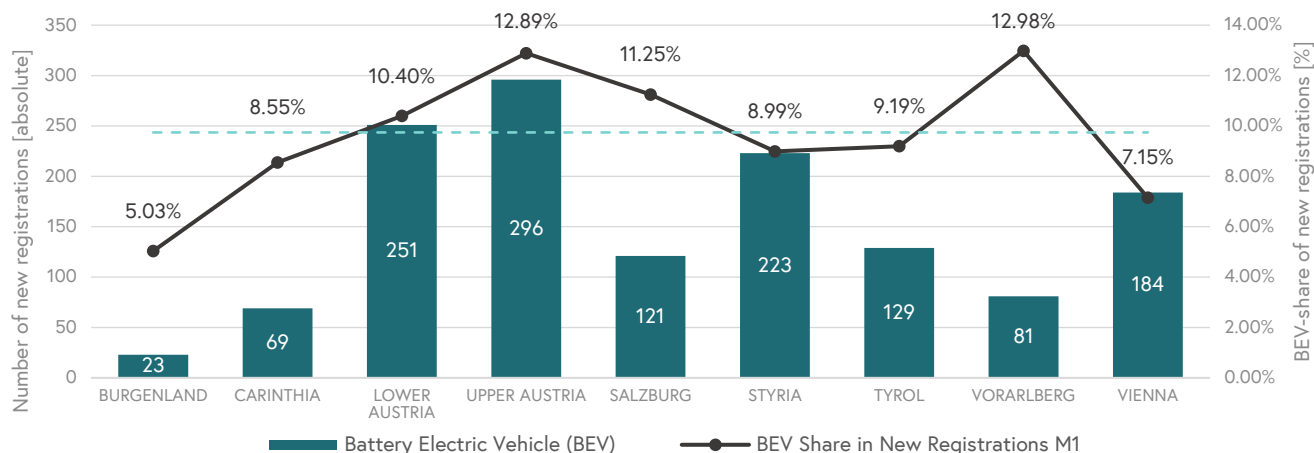
In January 2021, 1,377 BEV, 942 PHEV and zero FCEV were newly registered. Compared to January 2020, new registrations of BEV increased by 98%, PHEV new registrations increased by 69% and FCEV new registrations decreased by one unit. The e-vehicle share of category M1 registrations in January 2021 is 16.41%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2021; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, January 2021

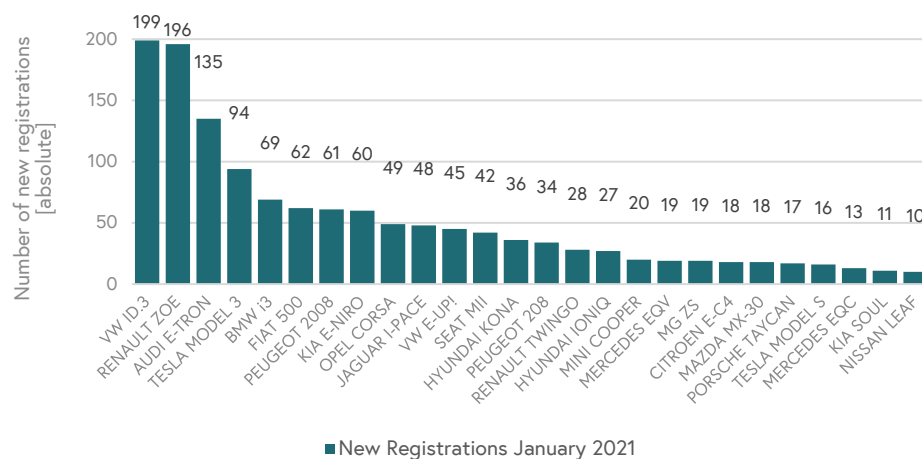
New registrations of BEV cars of category M1 by Austrian federal state (January 2021)



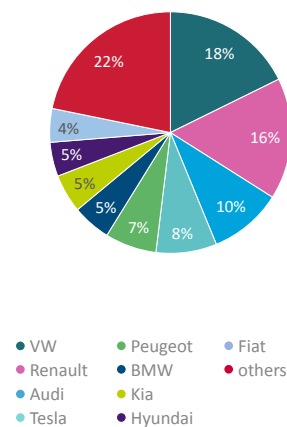
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 12.98%, followed by Upper Austria (12.89%) and Salzburg (11.25%). Austria has a BEV share of 9.74%. In the absolute number of newly registered BEV, Upper Austria is ahead with 296, followed by Lower Austria (251) and then Styria (223).

Source: Statistics Austria; Data status: 31.01.2021; Illustration: AustriaTech

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



BEV market share 2021 (M1)



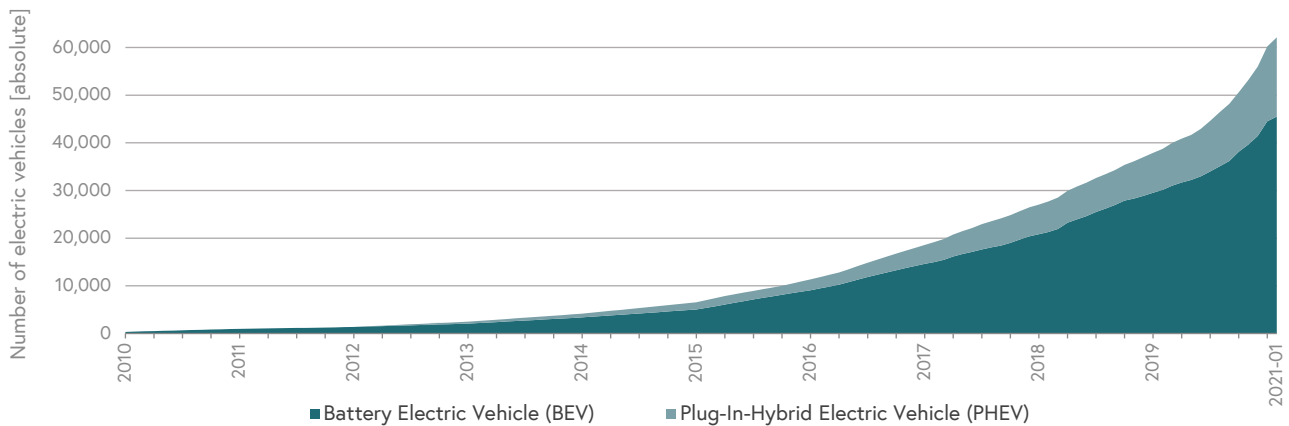
In January 2021 the most popular model was the VW ID.3 with 199 units, followed by the Renault Zoe with 196 units and the Audi E-Tron with 135 units. In the market share of new registrations from January 2021, VW takes first place with around 18%, followed by Renault with around 16% and then Audi with around 10%.

Source: Statistics Austria; Data status: 31.01.2021; only the top 25 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, January 2021

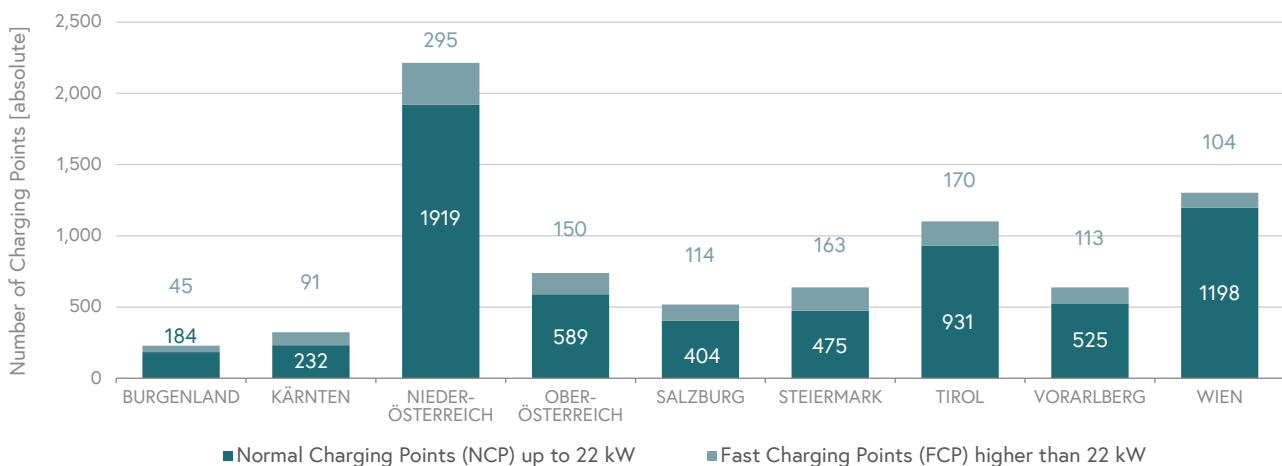
Population of e-vehicles of category M1 over time (for Austria)



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 January 2021. As of the end of January 2021, 62,180 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 1.22%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2021; 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 10 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 8 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 Jän
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	5,091,398	5,089,239
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	2,195,489	2,194,657
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	2,761,991	2,757,130
Battery Electric Vehicle (BEV)	1,389	2,070	3,386	5,032	9,073	14,618	20,831	29,523	44,498	45,510
Compressed natural gas CNG (monovalent/bivalent)	3,109	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,728	5,709
Plug-In Hybrid Electric Vehicle (PHEV)	n/a.	408	776	1,512	2,287	3,948	5,710	8,042	15,683	16,625
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	60,226	62,180
Electro Vehicle – Change on Previous Year	40.4%	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	38.9%	58.7%	60.4%
Electric Vehicle Share in Population M1	0.03%	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.18%	1.22%
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	16,868	16,871
Motorbikes/Tricycles/Quadracycles (Class L)	4,565	4,835	5,116	5,324	5,907	7,057	8,614	10,533	13,338	13,341
Busses Class M2 and M3	126	139	131	138	149	143	154	161	175	175
Duty Vehicle Class N1 (< 3.5 ton)	428	619	819	1,069	1,467	1,711	2,141	2,605	3,343	3,343
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	1	11	12	12	12

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2021; 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 Jän
Passenger Vehicle Class M1	336,010	319,035	303,318	308,555	329,604	353,320	341,068	329,389	248,740	14,133
Petrol incl. Flex-Fuel	143,325	134,276	126,503	122,832	131,756	163,701	184,150	176,706	107,771	6,081
Diesel	189,622	180,901	172,381	179,822	188,820	175,458	140,111	126,311	90,909	3,635
Battery Electric Vehicle (BEV)	427	654	1,281	1,677	3,826	5,433	6,757	9,242	15,972	1,377
Compressed natural gas CNG (monovalent/bivalent)	460	628	788	703	484	435	641	578	407	3
Plug-In Hybrid Electric Vehicle (PHEV)	0	184	434	1,101	1,237	1,721	1,888	2,097	7,641	942
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	2,319
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%	16.41%
Further Electric Vehicles of the Classes L, M, N	1,400	791	876	930	1,949	1,910	2,724	3,141	3,557	3
Motorbikes/Tricycles/Quadracycles (Class L)	1,094	585	672	651	1,478	1,667	2,251	2,617	2,805	3
Busses Class M2 and M3	14	15	1	12	22	6	17	22	14	0
Duty Vehicle Class N1 (< 3.5 ton)	292	191	203	267	449	237	446	500	738	0
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 31.01.2021; The values of the current year are cumulated (Jan); 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

Media owner and publisher:

Federal Ministry of Climate Action, Environment, Energy,
Mobility, Innovation and Technology

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Coverphoto ©Shutterstock / GLF Media

Created and designed by AustriaTech, January 2021

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