

Electromobility in Austria

Facts & Figures
January 2022

Highlights in January 2022

In January, 3,117 electric vehicles were newly registered in Austria and the stock has risen to 109,456. Compared to other federal states, Vorarlberg has a BEV share of 16.21% in new registrations. The CUPRA Born is the most popular BEV model with 266 new registrations in January 2022. In the comparison of brands Audi leads with around 14% 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.



3,117
E-Vehicles
New Registrations



109,456
E-Vehicles
Population



Vorarlberg
With 16.21%
Highest BEV-Share

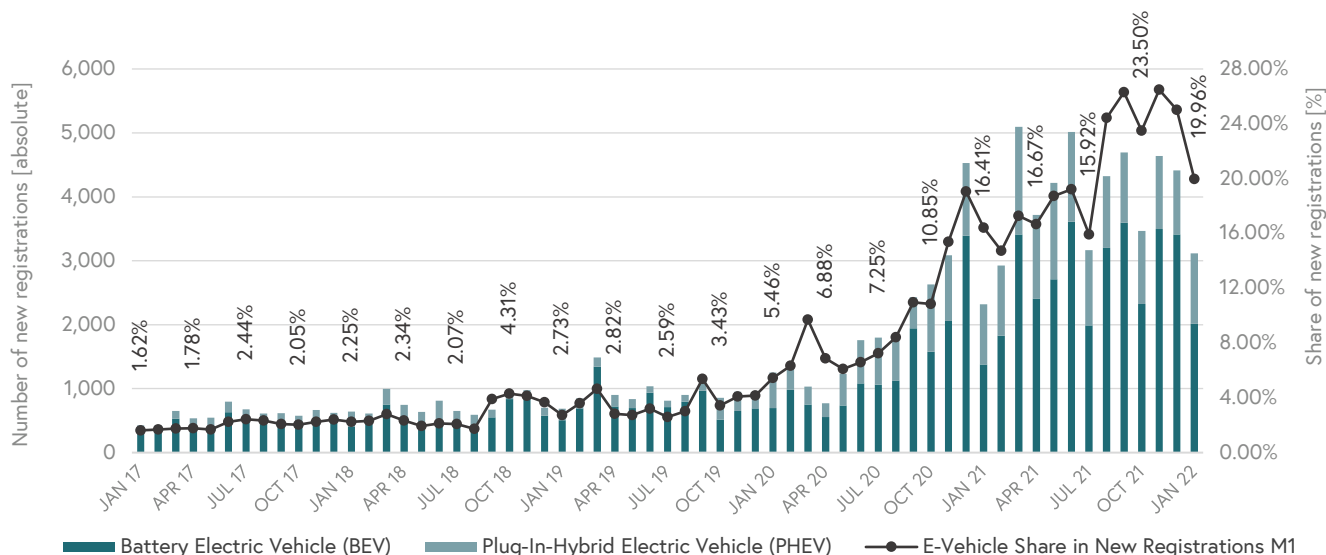


CUPRA Born
Mostly Registered
BEV-Model

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Electromobility in Austria, January 2022

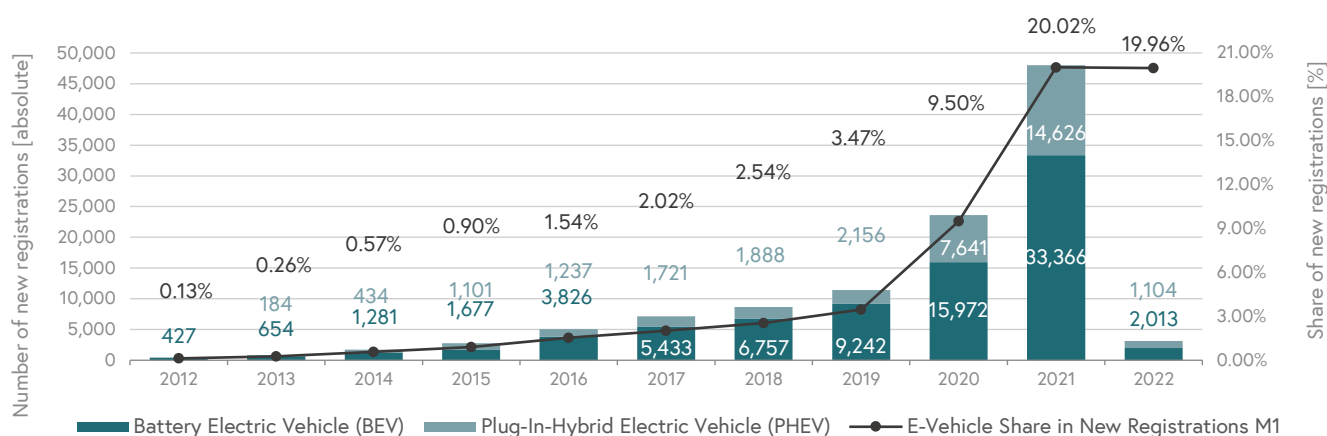
New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2017, there has been a steady upward trend in the newly registered e-vehicles. In January 2022, 2,013 BEV (-41% to the previous month), 1,104 PHEV (+10% to the previous month) and zero FCEV (four units less in comparison to the previous month) were newly registered. The share of new registrations of e-vehicles in January 2022 was 19.96%.

Source: Statistics Austria; Data status: End of each month respectively 31.01.2022; 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)



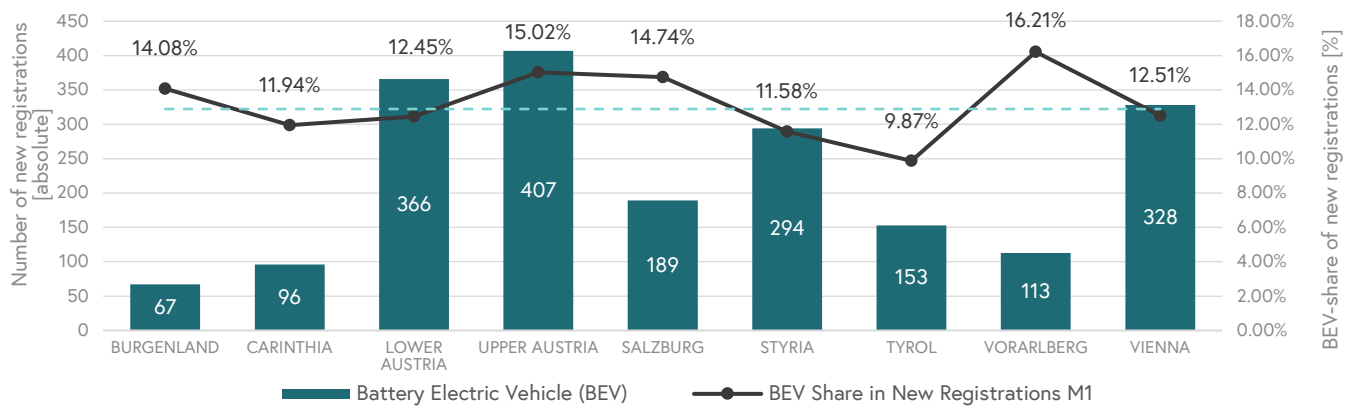
In January 2022, 2,013 BEV, 1,104 PHEV and zero FCEV were newly registered. Compared to January 2021, new registrations of BEV increased by 46%, PHEV new registrations increased by 17% and FCEV new registrations remained unchanged. The e-vehicle share of category M1 registrations in January 2022 is 19.96%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2022; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, January 2022

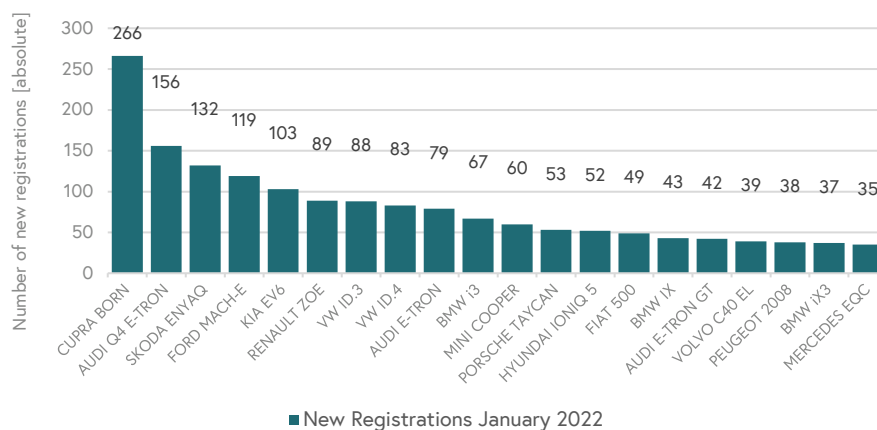
New registrations of BEV cars of category M1 by Austrian federal state (January 2022)



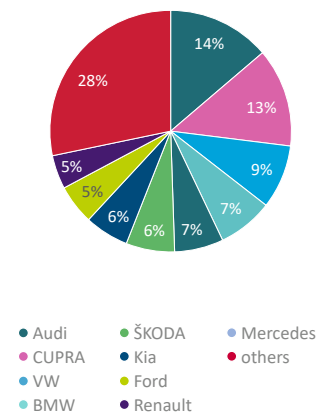
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 16.21%, followed by Upper Austria (15.02%) and Salzburg (14.74%). Austria has a BEV share of 12.89%. In the absolute number of newly registered BEV, Upper Austria is ahead with 407 BEV, followed by Lower Austria (366) and then Vienna (328).

Source: Statistics Austria; Data status: 31.01.2022; Illustration: AustriaTech

New registrations of BEV cars of category M1 by model (January 2022)



BEV market share 2022 (M1)



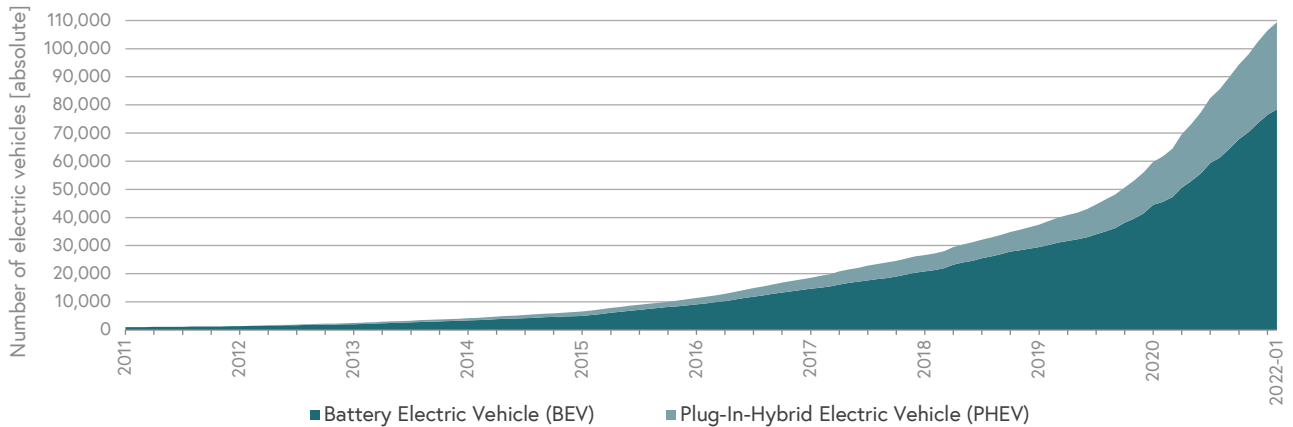
In January 2022 the most popular model was the CUPRA Born with 266 units, followed by the Audi Q4 e-tron with 156 units and the ŠKODA ENYAQ with 132 units. In the market share of new registrations from January 2022, Audi takes first place with around 14%, followed by CUPRA with around 13% and then VW with around 9%.

Source: Statistics Austria; Data status: 31.01.2022; only the top 20 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

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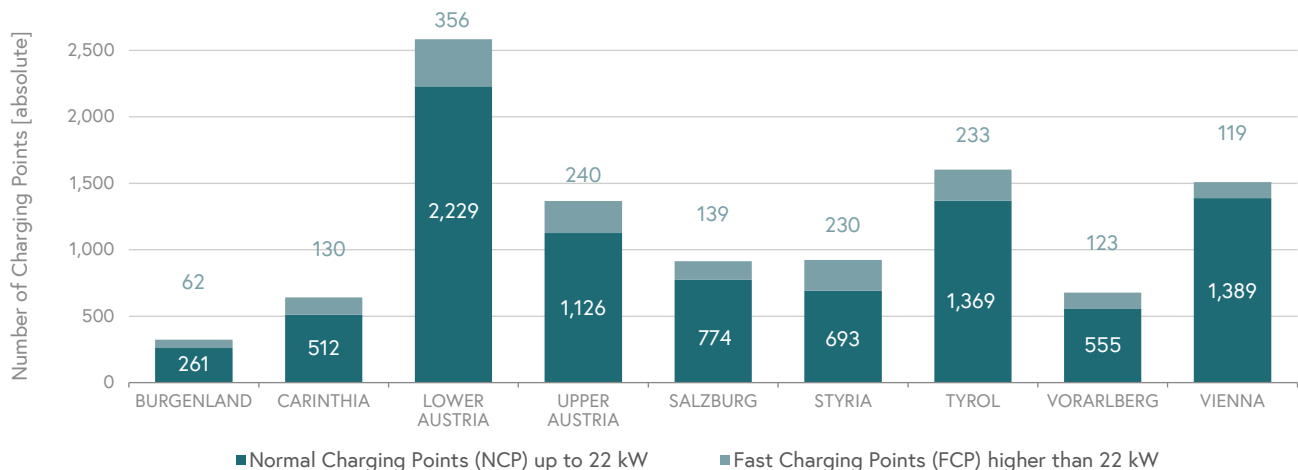
Population of e-vehicles of category M1 over time (for Austria)



While the number of battery electric vehicles rose moderately between 2011 and 2013 (approximately 2,000 in 2013), the number of electric vehicles has risen sharply since then, including in January 2022. As of the end of January 2022, 109,456 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 2.13%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2022; 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 8,908 normal charging points and 1,632 fast charging points after the fourth quarter of 2021. At this moment there are around twelve e-cars (BEV and PHEV) per NLP and around 65 per SLP in Austria. There are a total of 10,540 charging points in Austria, where there are around ten e-cars per charging point.

Source: ladestellen.at (E-Control); Data status: 22.01.2022; Illustration: AustriaTech

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Vehicle population by vehicle type, fuel type and energy source

Vehicle types, fuel types or energy source	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 Jan
Passenger Vehicle Class M1	4,641,308	4,694,921	4,748,048	4,821,557	4,898,578	4,978,852	5,039,548	5,091,827	5,133,836	5,130,448
Petrol incl. Flex-Fuel	2,003,699	2,011,104	2,019,139	2,038,019	2,080,434	2,139,239	2,179,235	2,195,578	2,197,006	2,194,872
Diesel	2,621,133	2,663,063	2,702,922	2,749,046	2,770,470	2,776,332	2,772,854	2,762,273	2,717,475	2,710,732
Battery Electric Vehicle (BEV)	2,070	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	78,434
Compressed natural gas CNG (monovalent/bivalent)	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,731	5,455	5,425
Plug-In Hybrid Electric Vehicle (PHEV)	408	776	1,512	2,287	3,948	5,710	8,042	15,237	29,863	30,967
Fuel Cell Electric Vehicle (FCEV)	n/a.	3	6	13	19	24	41	45	55	55
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	2,478	4,165	6,550	11,373	18,585	26,565	37,606	59,789	106,457	109,456
Electro Vehicle – Change on Previous Year	78.4%	68.1%	57.3%	73.6%	63.4%	42.9%	38.9%	59.0%	76.8%	77.3%
Electric Vehicle Share in Population M1	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.17%	2.07%	2.13%
Further Electric Vehicles of the Classes L, M, N	5,594	6,067	6,532	7,524	8,912	10,920	13,311	16,080	22,235	22,514
Motorbikes/Tricycles/Quadracycles (Class L)	4,835	5,116	5,324	5,907	7,057	8,614	10,533	12,565	16,330	16,430
Busses Class M2 and M3	139	131	138	149	143	154	161	172	183	360
Duty Vehicle Class N1 (< 3.5 ton)	619	819	1,069	1,467	1,711	2,141	2,605	3,330	5,671	5,672
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	11	12	13	51	52

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2022; 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	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022 Jan
Passenger Vehicle Class M1	319,035	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	15,619
Petrol incl. Flex-Fuel	134,276	126,503	122,832	131,756	163,701	184,150	176,706	107,771	91,478	6,134
Diesel	180,901	172,381	179,822	188,820	175,458	140,111	126,311	90,909	58,263	3,712
Battery Electric Vehicle (BEV)	654	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	2,013
Compressed natural gas CNG (monovalent/bivalent)	628	788	703	484	435	641	578	407	85	4
Plug-In Hybrid Electric Vehicle (PHEV)	184	434	1,101	1,237	1,721	1,888	2,156	7,641	14,626	1,104
Fuel Cell Electric Vehicle (FCEV)	0	3	9	5	0	7	19	14	14	0
New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)	838	1,718	2,787	5,068	7,154	8,652	11,417	23,627	48,006	3,117
Electro Vehicle Share of New Registrations M1	0.26%	0.57%	0.90%	1.54%	2.02%	2.54%	3.47%	9.50%	20.02%	19.96%
Further Electric Vehicles of the Classes L, M, N	791	876	930	1,949	1,910	2,724	3,141	3,558	6,155	279
Motorbikes/Tricycles/Quadracycles (Class L)	585	672	651	1,478	1,667	2,251	2,617	2,805	3,765	100
Busses Class M2 and M3	15	1	12	22	6	17	22	14	11	177
Duty Vehicle Class N1 (< 3.5 ton)	191	203	267	449	237	446	500	739	2,341	1
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	10	2	0	38	1

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.01.2022; 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

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