

Electromobility in Austria

Facts & Figures
May 2022

Highlights in May 2022

In May, 3,117 electric vehicles were newly registered in Austria and the stock has risen to 122,352. Compared to other federal states, Vorarlberg has a BEV share of 16.06% in new registrations. The CUPRA Born is the most popular BEV model with 250 new registrations in May 2022. In the comparison of brands Tesla 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



122,352
E-Vehicles
Population



Vorarlberg
With 16.06%
Highest BEV-Share

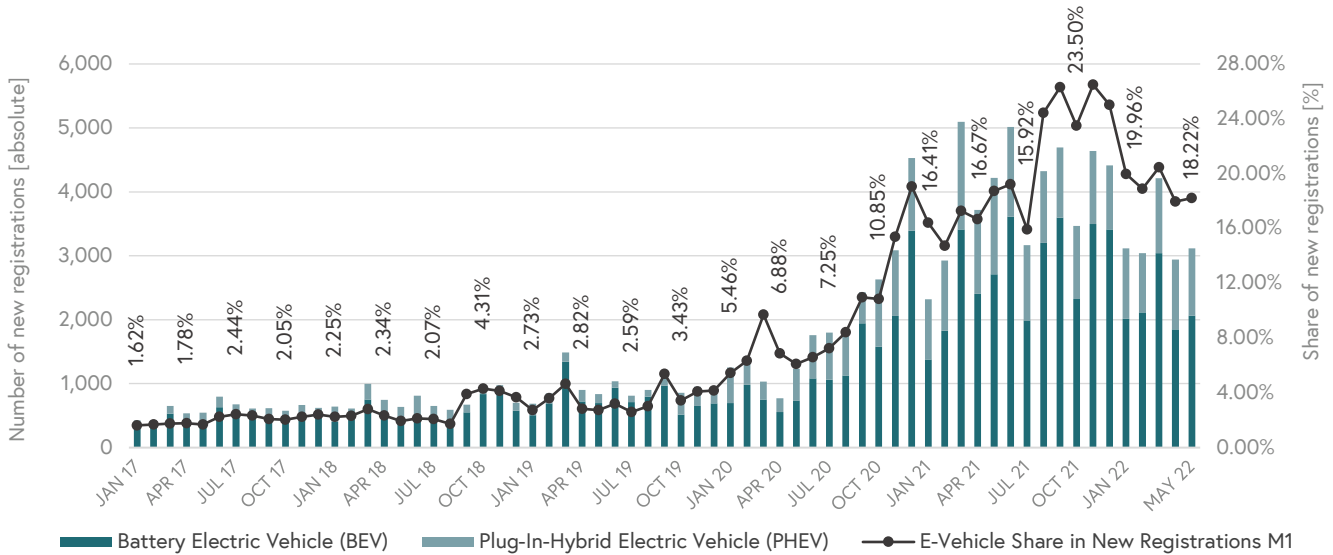


CUPRA Born
Best Selling
BEV-Model

Facts & Figures

Electromobility in Austria, May 2022

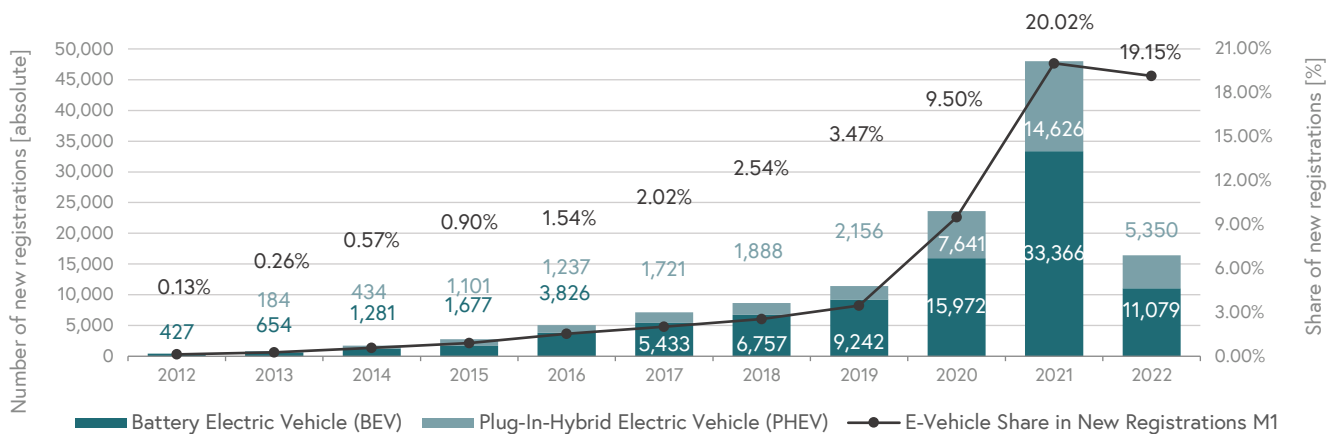
New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2017, there has been a steady upward trend in the newly registered e-vehicles. In May 2022, 2,064 BEV (+12% to the previous month), 1,053 PHEV (-3% to the previous month) and zero FCEV (no change less in comparison to the previous month) were newly registered. The share of new registrations of e-vehicles in May 2022 was 18.22%.

Source: Statistics Austria; Data status: End of each month respectively 31.05.2022; 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)



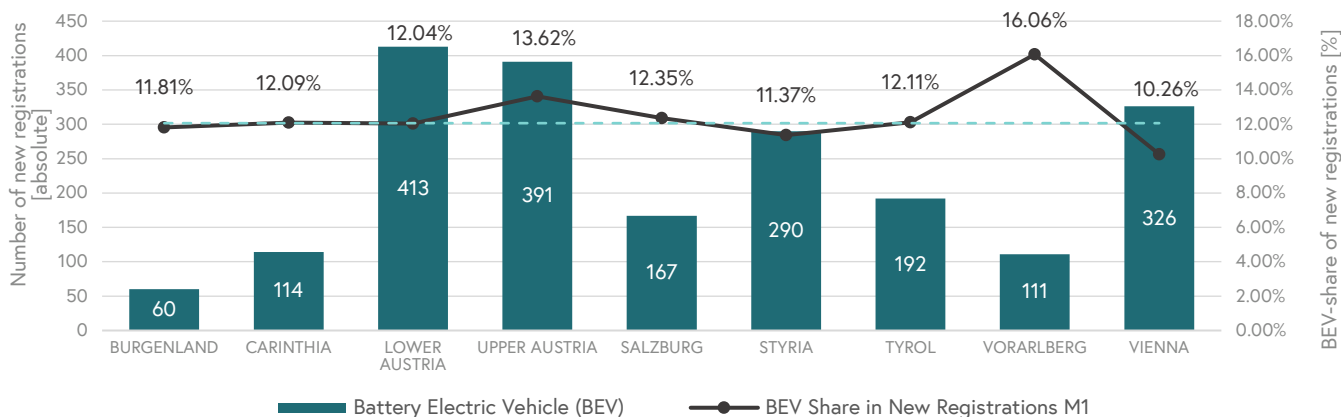
From January to May 2022, 11,079 BEV, 5,350 PHEV and eleven FCEV were newly registered. Compared to May 2021, new registrations of BEV decreased by 24%, PHEV new registrations decreased by 30% and FCEV new registrations remained unchanged. The e-vehicle share of category M1 registrations from January to May 2022 is 19.15%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.05.2022; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, May 2022

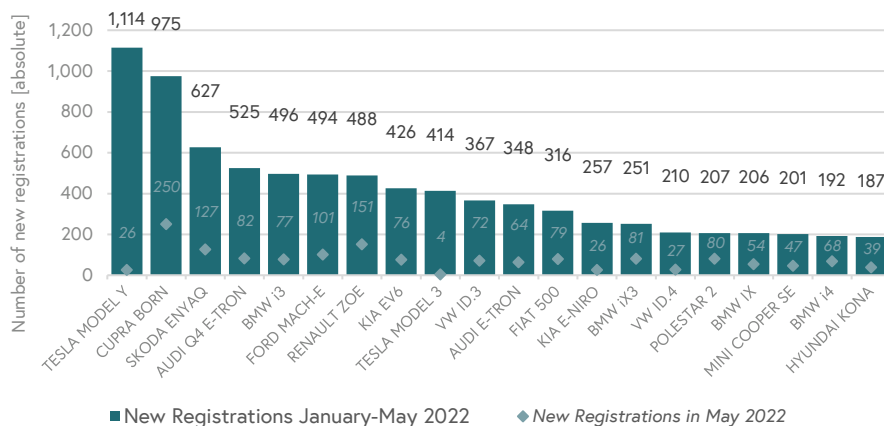
New registrations of BEV cars of category M1 by Austrian federal state (May 2022)



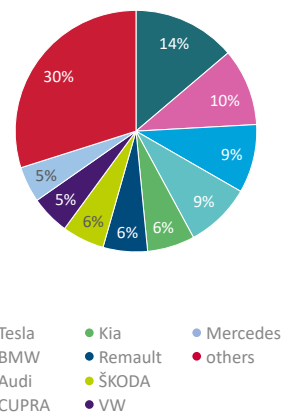
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 16.06%, followed by Upper Austria (13.62%) and Salzburg (12.35%). Austria has a BEV share of 12.07%. In the absolute number of newly registered BEV, Lower Austria is ahead with 413 BEV, followed by Upper Austria (391) and then Vienna (326).

Source: Statistics Austria; Data status: 31.05.2022; Illustration: AustriaTech

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



BEV market share 2022 (M1)



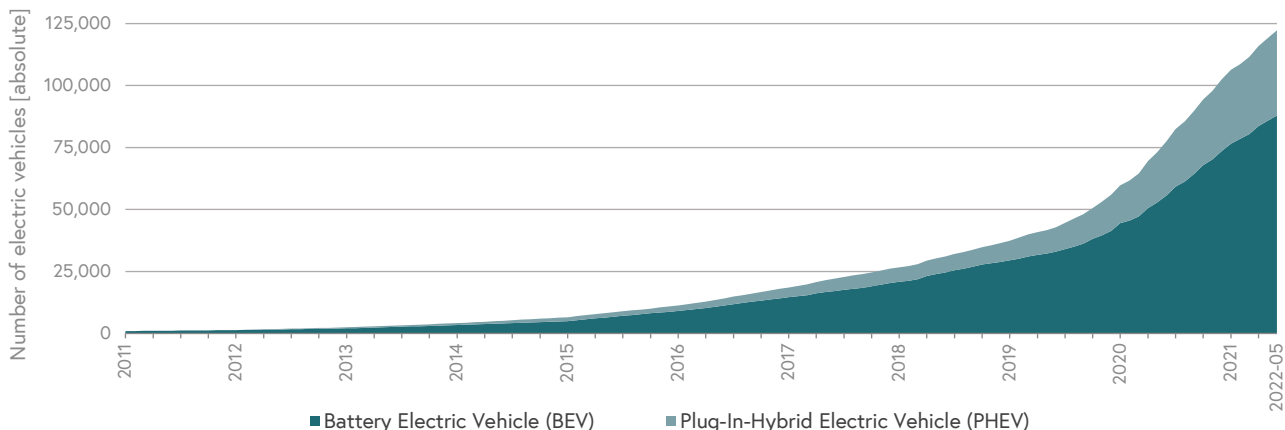
In the period from January to May 2022 the most popular model was the Tesla Model Y with 1,114 units, followed by the CUPRA Born with 975 units and the ŠKODA ENYAQ with 627 units. The most popular model in May was the CUPRA Born with 250 units, followed by the Renault Zoe with 151 units and the ŠKODA ENYAQ with 127 units. In the market share of new registrations from January to May 2022, Tesla takes first place with around 14%, followed by BMW with around 10% and then Audi with around 9%.

Source: Statistics Austria; Data status: 31.05.2022; only the top 20 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, May 2022

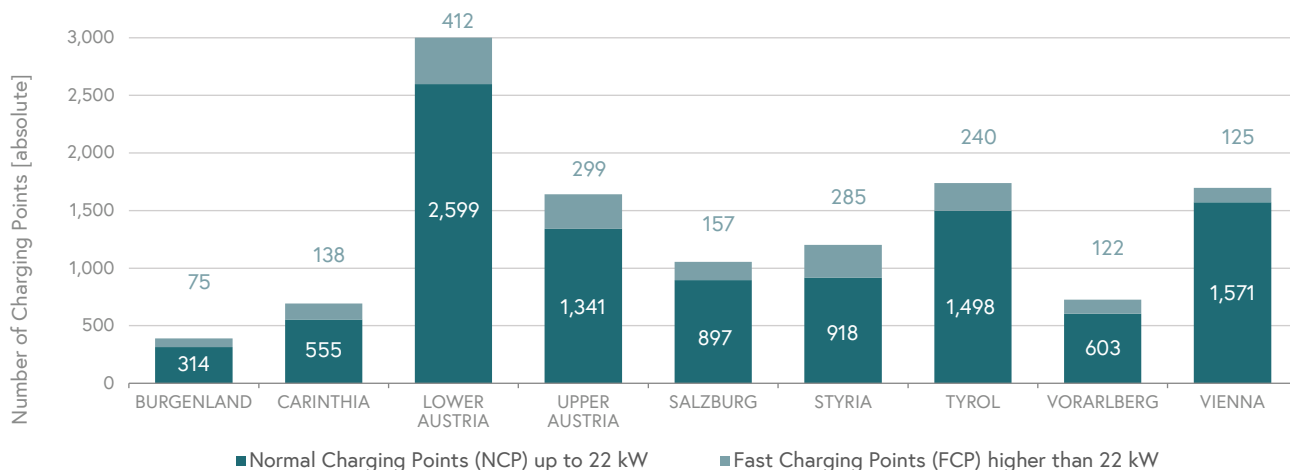
Population of e-vehicles of category M1 over time (for Austria)



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 May 2022. As of the end of May 2022, 122,352 electric vehicles (including PHEV and FCEV) were on the roads of Austria, corresponding to a share of the total population of 2.38%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.05.2022; 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. As of 15th April 2022, there were a total of 10,296 normal charging points and 1,853 fast charging points throughout Austria. At this moment there are around eleven e-cars (BEV and PHEV) per NLP and around 63 per SLP in Austria. There are a total of 12,149 charging points in Austria, where there are around ten e-cars per charging point.

Source: ladestellen.at (E-Control); Data status: 15.04.2022; Illustration: AustriaTech

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Electromobility in Austria, May 2022

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 May
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	5,140,515
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	2,192,434
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	2,690,544
Battery Electric Vehicle (BEV)	2,070	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	87,924
Compressed natural gas CNG (monovalent/bivalent)	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,731	5,455	5,362
Plug-In Hybrid Electric Vehicle (PHEV)	408	776	1,512	2,287	3,948	5,710	8,042	15,237	29,021	34,371
Fuel Cell Electric Vehicle (FCEV)	n/a.	3	6	13	19	24	41	45	55	57
Electric Vehicle Population M1 (BEV, PHEV, FCEV)	2,478	4,165	6,550	11,373	18,585	26,565	37,606	59,789	105,615	122,352
Electric Vehicle – Change on Previous Year	78.40%	68.08%	57.26%	73.63%	63.41%	42.94%	41.56%	58.99%	76.65%	57.89%
Electric Vehicle Share in Population M1	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.17%	2.06%	2.38%
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	21,561	24,406
Motorbikes/Tricycles/Quadracycles (Class L)	4,835	5,116	5,324	5,907	7,057	8,614	10,533	12,565	15,716	17,708
Busses Class M2 and M3	139	131	138	149	143	154	161	172	174	184
Duty Vehicle Class N1 (< 3.5 ton)	619	819	1,069	1,467	1,711	2,141	2,605	3,330	5,627	6,452
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	11	12	13	44	62

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.05.2022; 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 May
Passenger Vehicle Class M1	319,035	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	85,846
Petrol incl. Flex-Fuel	134,276	126,503	122,832	131,756	163,701	184,150	176,706	107,771	91,478	33,799
Diesel	180,901	172,381	179,822	188,820	175,458	140,111	126,311	90,909	58,263	18,887
Battery Electric Vehicle (BEV)	654	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	11,079
Compressed natural gas CNG (monovalent/bivalent)	628	788	703	484	435	641	578	407	85	37
Plug-In Hybrid Electric Vehicle (PHEV)	184	434	1,101	1,237	1,721	1,888	2,156	7,641	14,626	5,350
Fuel Cell Electric Vehicle (FCEV)	0	3	9	5	0	7	19	14	14	11
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	16,440
Electric Vehicle Share of New Registrations M1	0.26%	0.57%	0.90%	1.54%	2.02%	2.54%	3.47%	9.50%	20.02%	19.15%
Further Electric Vehicles of the Classes L, M, N	791	876	930	1,949	1,910	2,724	3,141	3,558	6,155	2,845
Motorbikes/Tricycles/Quadracycles (Class L)	585	672	651	1,478	1,667	2,251	2,617	2,805	3,765	1,992
Busses Class M2 and M3	15	1	12	22	6	17	22	14	11	10
Duty Vehicle Class N1 (< 3.5 ton)	191	203	267	449	237	446	500	739	2,341	825
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	10	2	0	38	18

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.05.2022; The values of the current year are cumulated (May); Illustration: AustriaTech

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Electromobility in Austria, May 2022

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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