

Electromobility in Austria

Facts & Figures
March 2022

Highlights in March 2022

In March, 4,224 electric vehicles were newly registered in Austria and the stock has risen to 115,970. Compared to other federal states, Vorarlberg has a BEV share of 18.52% in new registrations. The Tesla Model Y is the most popular BEV model with 655 new registrations in March 2022. In the comparison of brands Tesla leads with around 20% 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.



4,224
E-Vehicles
New Registrations



115,970
E-Vehicles
Population



Vorarlberg
With 18.52%
Highest BEV-Share

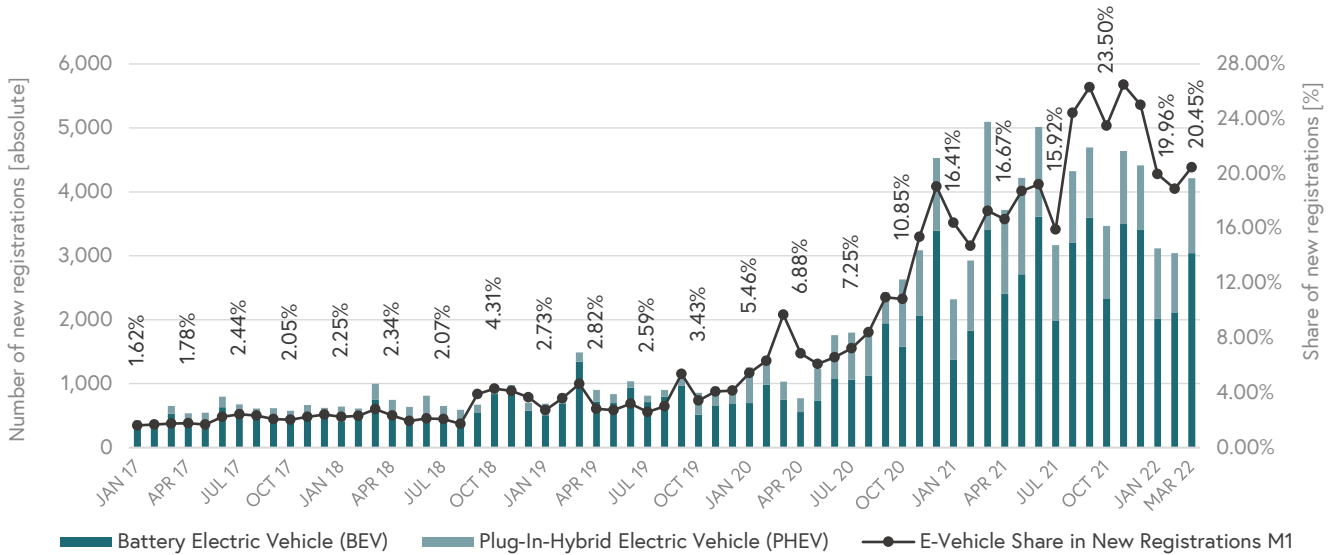


Tesla Model Y
Best Selling
BEV-Model

Facts & Figures

Electromobility in Austria, March 2022

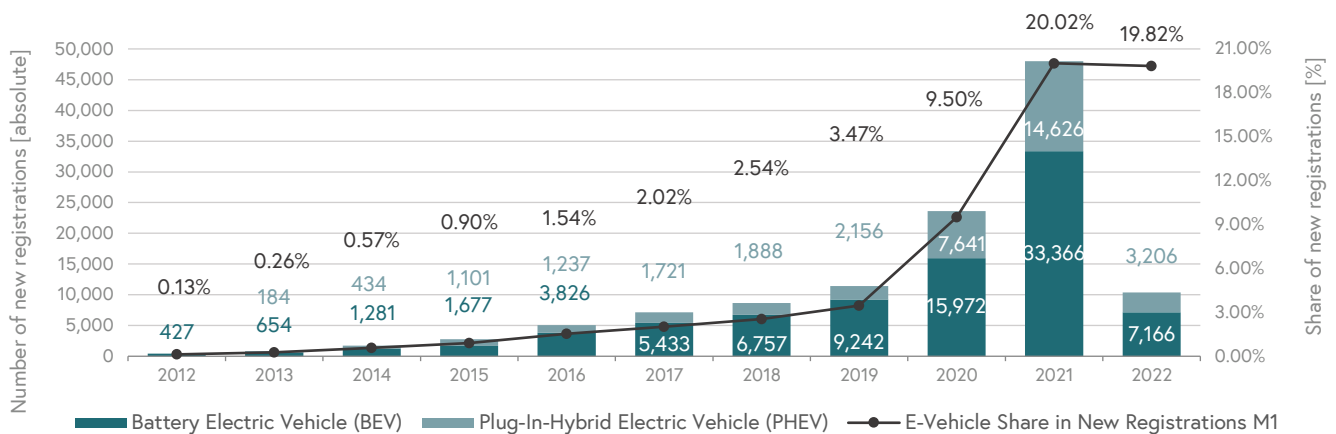
New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2017, there has been a steady upward trend in the newly registered e-vehicles. In March 2022, 3,039 BEV (+44% to the previous month), 1,175 PHEV (+27% to the previous month) and ten FCEV (nine units more in comparison to the previous month) were newly registered. The share of new registrations of e-vehicles in March 2022 was 20.45%.

Source: Statistics Austria; Data status: End of each month respectively 31.03.2022; 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)



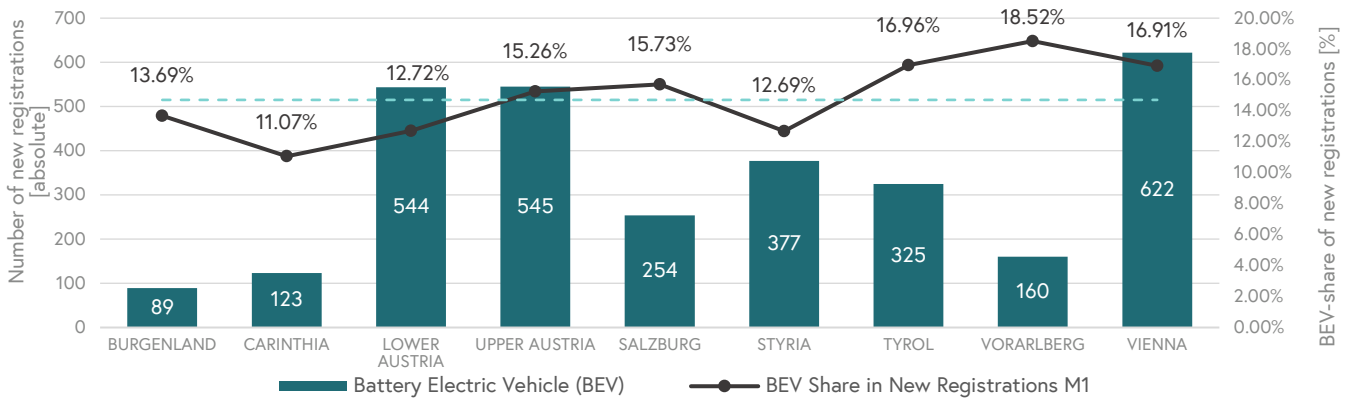
From January to March 2022, 7,166 BEV, 3,206 PHEV and eleven FCEV were newly registered. Compared to March 2021, new registrations of BEV decreased by 11%, PHEV new registrations decreased by 30% and FCEV new registrations increased by eight units. The e-vehicle share of category M1 registrations from January to March 2022 is 19.82%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.03.2022; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, March 2022

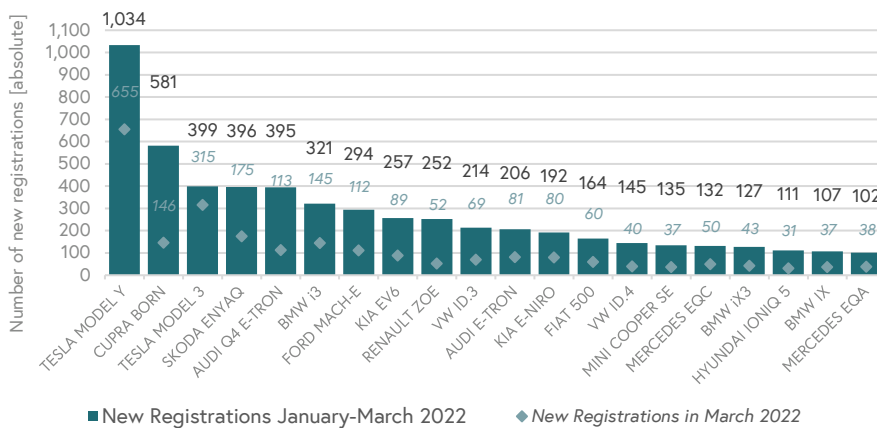
New registrations of BEV cars of category M1 by Austrian federal state (March 2022)



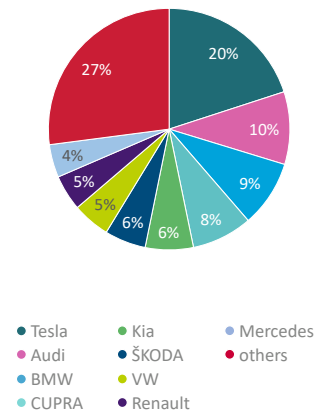
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 18.52%, followed by Tyrol (16.96%) and Vienna (16.91%). Austria has a BEV share of 14.71%. In the absolute number of newly registered BEV, Vienna is ahead with 622 BEV, followed by Upper Austria (545) and then Lower Austria (544).

Source: Statistics Austria; Data status: 31.03.2022; Illustration: AustriaTech

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



BEV market share 2022 (M1)



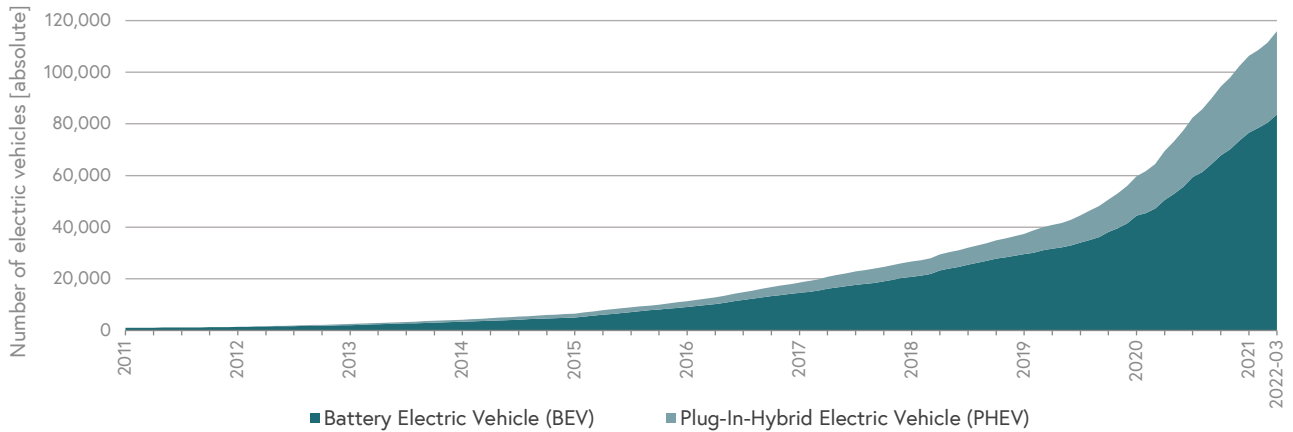
In the period from January to March 2022 the most popular model was the Tesla Model Y with 1,034 units, followed by the CUPRA Born with 581 units and the Tesla Model 3 with 399 units. The most popular model in March was the Tesla Model Y with 655 units, followed by the Tesla Model 3 with 315 units and the ŠKODA ENYAQ with 175 units. In the market share of new registrations from January to March 2022, Tesla takes first place with around 20%, followed by Audi with around 10% and then BMW with around 9%.

Source: Statistics Austria; Data status: 31.03.2022; only the top 20 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

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Electromobility in Austria, March 2022

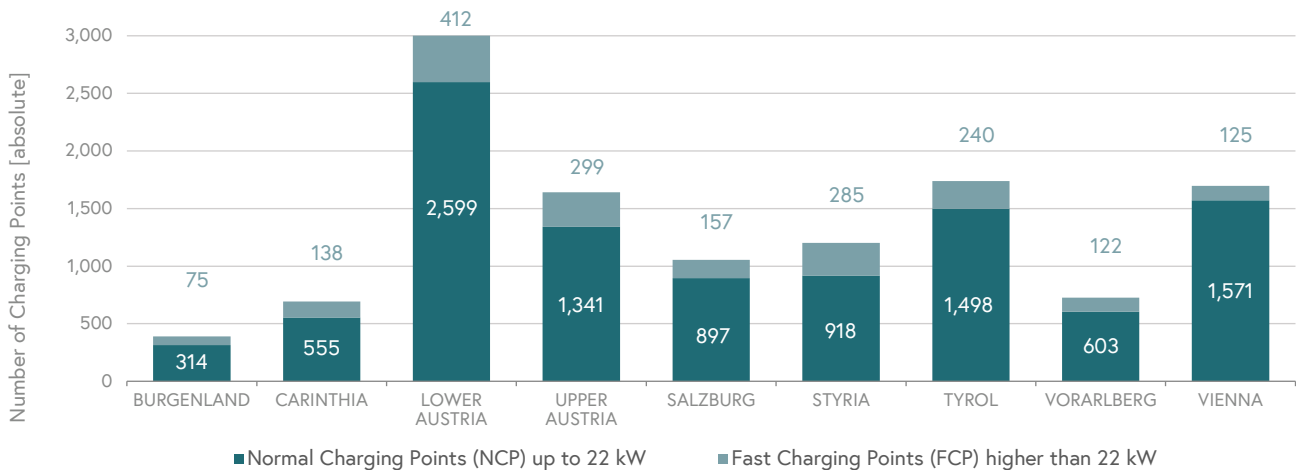
Population of e-vehicles of category M1 over time (for Austria)



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 March 2022. As of the end of March 2022, 115,970 electric vehicles (including PHEV and FCEV) were on the roads of Austria, corresponding to a share of the total population of 2.26%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.03.2022; 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, March 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 Mar
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	5,131,802
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	2,193,612
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	2,698,869
Battery Electric Vehicle (BEV)	2,070	3,386	5,032	9,073	14,618	20,831	29,523	44,507	76,539	83,688
Compressed natural gas CNG (monovalent/bivalent)	3,651	4,262	4,775	5,031	5,206	5,542	5,746	5,731	5,455	5,402
Plug-In Hybrid Electric Vehicle (PHEV)	408	776	1,512	2,287	3,948	5,710	8,042	15,237	29,021	32,227
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	105,615	115,970
Electric Vehicle – Change on Previous Year	78.40%	68.08%	57.26%	73.63%	63.41%	42.94%	41.56%	58.99%	76.65%	66.67%
Electric Vehicle Share in Population M1	0.05%	0.09%	0.14%	0.24%	0.38%	0.53%	0.75%	1.17%	2.06%	2.26%
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	22,954
Motorbikes/Tricycles/Quadracycles (Class L)	4,835	5,116	5,324	5,907	7,057	8,614	10,533	12,565	15,716	16,561
Busses Class M2 and M3	139	131	138	149	143	154	161	172	174	182
Duty Vehicle Class N1 (< 3.5 ton)	619	819	1,069	1,467	1,711	2,141	2,605	3,330	5,627	6,163
Duty Vehicle Class N2, N3 (> 3.5 ton)	1	1	1	1	1	11	12	13	44	48

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.03.2022; 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 Mar
Passenger Vehicle Class M1	319,035	303,318	308,555	329,604	353,320	341,068	329,363	248,740	239,803	52,375
Petrol incl. Flex-Fuel	134,276	126,503	122,832	131,756	163,701	184,150	176,706	107,771	91,478	20,399
Diesel	180,901	172,381	179,822	188,820	175,458	140,111	126,311	90,909	58,263	11,857
Battery Electric Vehicle (BEV)	654	1,281	1,677	3,826	5,433	6,757	9,242	15,972	33,366	7,166
Compressed natural gas CNG (monovalent/bivalent)	628	788	703	484	435	641	578	407	85	34
Plug-In Hybrid Electric Vehicle (PHEV)	184	434	1,101	1,237	1,721	1,888	2,156	7,641	14,626	3,206
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	10,383
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%	19.82%
Further Electric Vehicles of the Classes L, M, N	791	876	930	1,949	1,910	2,724	3,141	3,558	6,155	1,393
Motorbikes/Tricycles/Quadracycles (Class L)	585	672	651	1,478	1,667	2,251	2,617	2,805	3,765	845
Busses Class M2 and M3	15	1	12	22	6	17	22	14	11	8
Duty Vehicle Class N1 (< 3.5 ton)	191	203	267	449	237	446	500	739	2,341	536
Duty Vehicle Class N2, N3 (> 3.5 ton)	0	0	0	0	0	10	2	0	38	4

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.03.2022; The values of the current year are cumulated (Mar); Illustration: AustriaTech

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Electromobility in Austria, March 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

Media owner and publisher:

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

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Coverphoto ©AustriaTech / Wieser

Created and designed by AustriaTech, March 2022

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