

# E-Mobility in Austria

Facts & Figures | May 2024



**3,448**  
BEV cars (M1)  
new registrations



**141**  
BEV-LCV (N1)  
new registrations



**18**  
BEV-HGV (N2 + N3)  
new registrations



**10**  
BEV buses (M2 + M3)  
new registrations

**2030: 100% in new registrations**

**17 %** BEV share of cars (M1) in new registrations  
in May 2024



**172,580**  
BEV cars (M1)  
in operation



**23,054**  
recharging points  
in operation

## What does BEV mean ?

BEV is short for „Battery electric vehicle“. Such a vehicle is driven by an electric motor and draws the required energy from an accumulator.

## ➤ Overview and comments in May 2024

In May, OLÉ - Austria's National Competence Center for E-Mobility focused on the expansion of recharging infrastructure according to the European requirements. Figures, data and the latest developments in e-mobility sector were also analysed.

### Recharging infrastructure on the roll-out

The Austrian recharging network has undergone a significant expansion over the past three years. In May 2024, the number of registered recharging points has exceeded 23,000 for the first time, representing a 165% increase. Moreover, there has been an increase in the spatial distribution of recharging

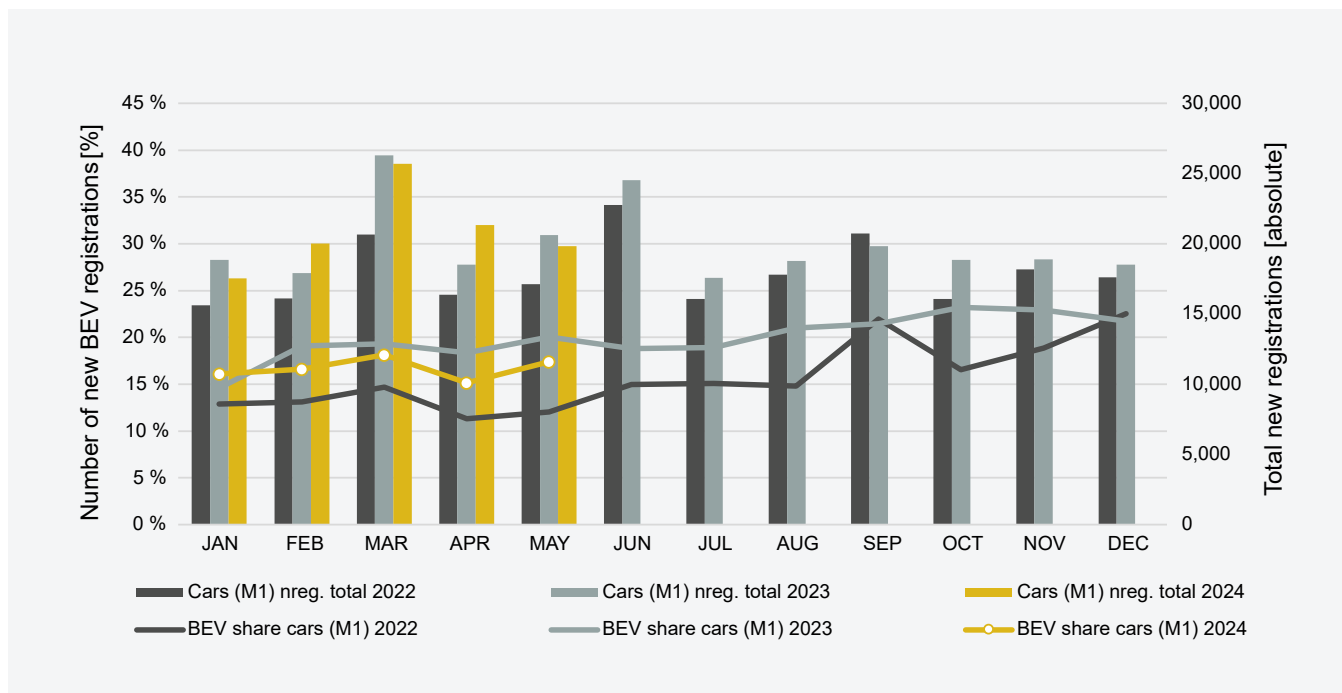
points, as well as an expansion in the coverage of fast and ultra-fast charging points (HPC >150 kW). This is particularly noteworthy, as the number of HPC charging points has grown to 1,184, representing an increase of more than ninefold since 2021. The total cumulative charging capacity, currently estimated at around 941 megawatts, has increased by 350 %. While HPC chargers accounted for 17 % of the recharging capacity in 2021, they now represent the largest share of all capacity categories.

Targeted funding measures and specific support programmes, such as the Ladegrund platform, which facilitates collaboration between property owners and investors for the development of recharging infrastructure, are further advancing the rapid expansion of the charging network.

HPC: High Power Charging resp. Ultra Fast Recharging

Source & Data status: E-Control, data cleansing by AustriaTech [03/06/2024]; Ladegrund [s. a.]

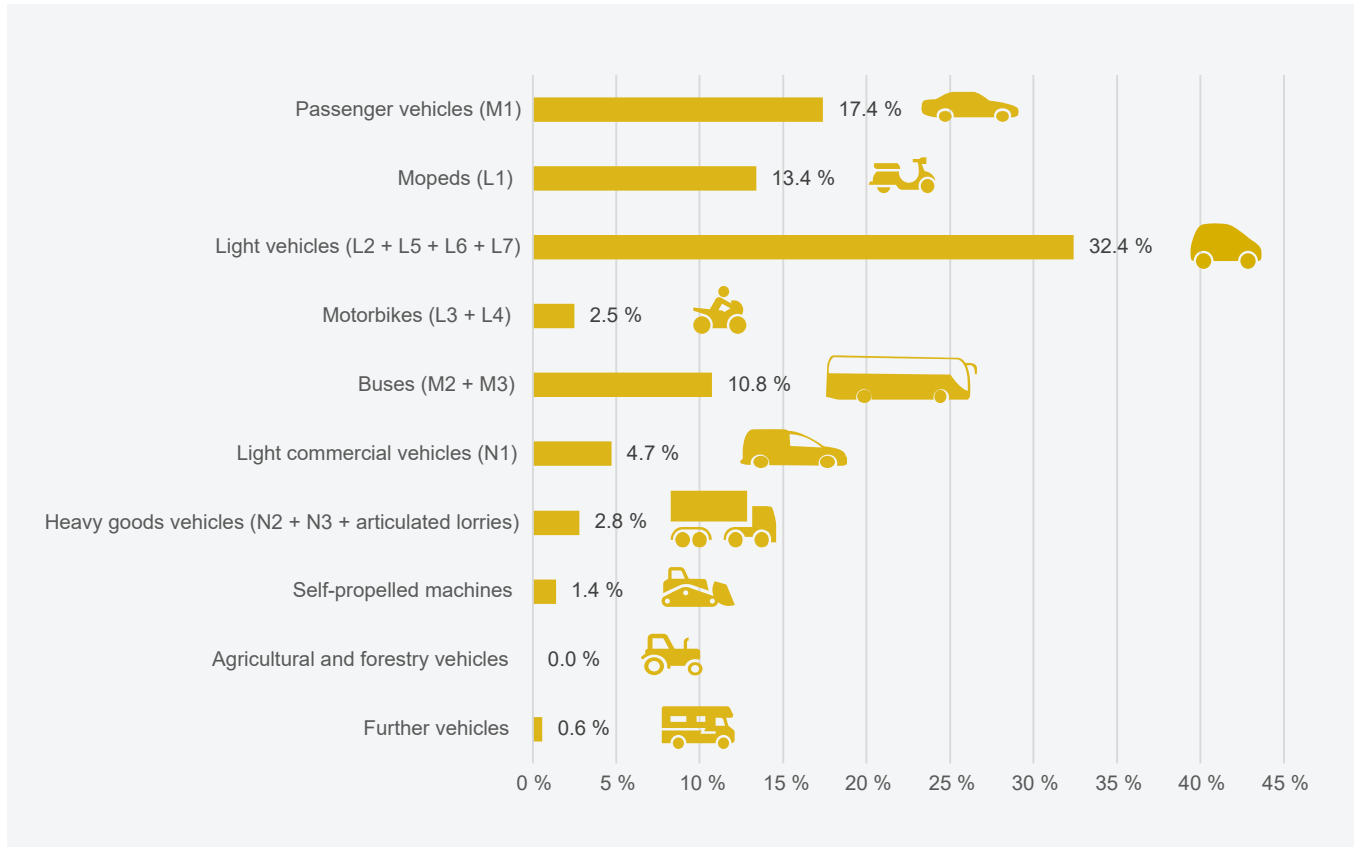
## New registrations per month: BEV cars (M1), 2022-2024



Source: Statistics Austria; Illustration: AustriaTech; Data status: End of each month respectively 31/05/2024

### Share of new registrations of BEV in selected vehicle classes

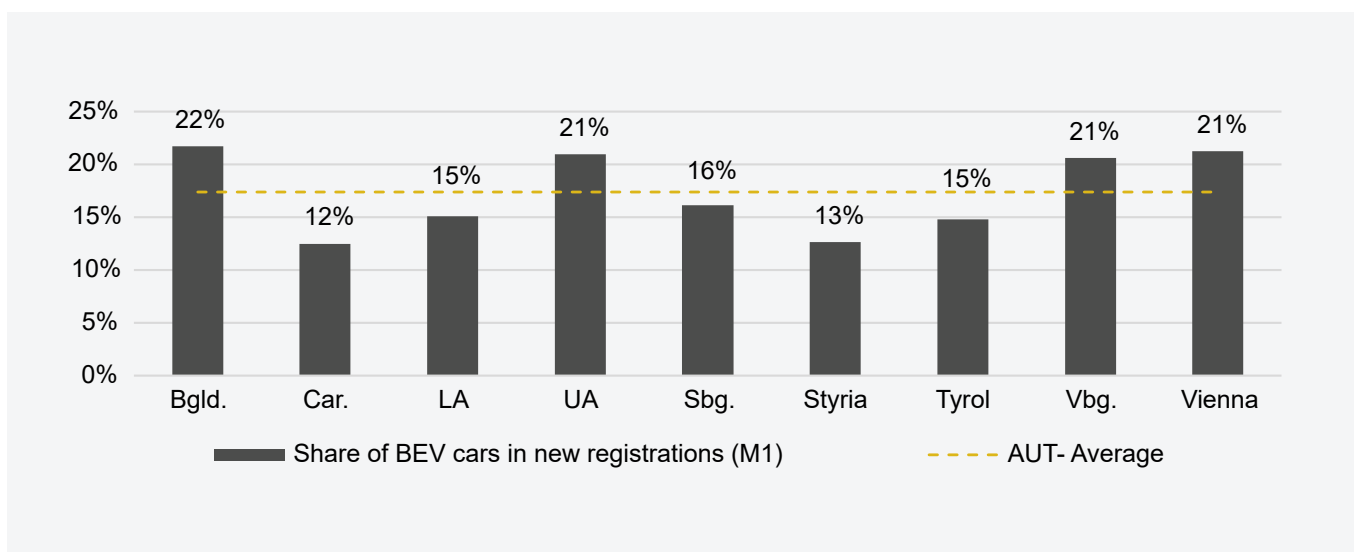
➤ BEV-LV (L2 + L5 + L6 + L7): 47



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/05/2024

### New registrations of BEV cars (M1) by federal state

➤ Top 3 in BEV cars (M1): Bgld. 22 % Vienna 21 % UA 21 %



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/05/2024

## New vehicle registrations per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 May
<b>Passenger vehicle class M1</b>	<b>308,555</b>	<b>329,604</b>	<b>353,320</b>	<b>341,068</b>	<b>329,363</b>	<b>248,740</b>	<b>239,803</b>	<b>215,050</b>	<b>239,150</b>	<b>104,420</b>
Petrol incl. hybrids*	124,725	135,061	170,230	190,285	186,943	125,949	120,929	106,805	114,059	54,144
Diesel incl. hybrids*	180,340	188,989	175,501	141,119	130,423	98,757	70,782	60,735	60,493	25,894
Gas (CNG, LNG; mono- & bivalent)	703	486	435	642	580	407	86	63	11	12
Plug-in hybrid electric vehicle (PHEV)	1,101	1,237	1,721	2,258	2,156	7,641	14,626	13,268	16,956	6,888
Battery electric vehicle (BEV)	1,677	3,826	5,433	6,757	9,242	15,972	33,366	34,165	47,621	17,482
Fuel cell electric vehicle (FCEV)	9	5	0	7	19	14	14	14	10	0
BEV registrations: Change compared to previous year	30.91 %	128.15 %	42.00 %	24.37 %	36.78 %	72.82 %	108.90 %	2.39 %	39.39 %	-6.81 %
BEV share of new registrations	0.54 %	1.16 %	1.54 %	1.98 %	2.81 %	6.42 %	13.91 %	15.89 %	19.91 %	16.74 %
<b>Further BEV of the classes L, M, N</b>	<b>930</b>	<b>1,949</b>	<b>1,910</b>	<b>2,724</b>	<b>3,141</b>	<b>3,558</b>	<b>6,155</b>	<b>6,485</b>	<b>6,453</b>	<b>2,350</b>
Motorbikes/Tricycles/Quadracycles (class L)	651	1,478	1,667	2,251	2,617	2,805	3,765	4,335	3,087	1,484
Buses (classes M2 + M3)	12	22	6	17	22	14	11	26	58	38
Light commercial vehicles LCV (class N1; < 3.5 t)	267	449	237	446	500	739	2,341	2,067	3,265	828
Heavy goods vehicles HGV (class N2; 3.5 t < x ≤ 12.0 t)	0	0	0	1	0	0	36	43	29	16
Heavy goods vehicles HGV (class N3; > 12.0t)	0	0	0	9	2	0	2	14	14	29
Articulated lorries classes (class N1 + N2 + N3)	0	0	1	3	0	0	0	1	16	20

\* Hybrid electric drive not externally rechargeable

Source: Statistics Austria; Illustration: AustriaTech; Data status: 31/12 of the corresponding year respectively 31/05/2024

## Vehicle population per year by vehicle type, fuel type or power source

Vehicle types, fuel types or energy source	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 May
<b>Passenger vehicle class M1</b>	<b>4,748,048</b>	<b>4,821,557</b>	<b>4,898,578</b>	<b>4,978,852</b>	<b>5,039,548</b>	<b>5,091,827</b>	<b>5,133,836</b>	<b>5,150,890</b>	<b>5,185,006</b>	<b>5,206,353</b>
Petrol incl. hybrids*	2,032,461	2,054,541	2,102,712	2,167,858	2,217,132	2,250,050	2,278,751	2,303,486	2,330,348	2,349,641
Diesel incl. hybrids*	2,703,950	2,750,270	2,771,738	2,778,552	2,778,732	2,775,925	2,743,683	2,690,025	2,637,123	2,615,355
Gas (CNG, LNG; mono- & bivalent)	5,087	5,373	5,543	5,877	6,078	6,063	5,787	5,512	5,114	4,958
Plug-in hybrid electric vehicle (PHEV)	1,512	2,287	3,948	5,710	8,042	15,237	29,021	41,580	56,864	63,752
Battery electric vehicle (BEV)	5,032	9,073	14,618	20,831	29,523	44,507	76,539	110,225	155,490	172,580
Fuel cell electric vehicle (FCEV)	6	13	19	24	41	45	55	62	67	67
BEV vehicle stock: Change compared to previous year	48.61 %	80.31 %	61.12 %	42.50 %	41.73 %	50.75 %	71.97 %	44.01 %	41.07 %	34.84 %
BEV share of vehicle stock	0.11 %	0.19 %	0.30 %	0.42 %	0.59 %	0.87 %	1.49 %	2.14 %	3.00 %	3.31 %
<b>Further BEV of the classes L, M, N</b>	<b>6,532</b>	<b>7,524</b>	<b>8,913</b>	<b>10,924</b>	<b>13,314</b>	<b>16,083</b>	<b>21,564</b>	<b>26,508</b>	<b>31,668</b>	<b>34,083</b>
Motorbikes/Tricycles/Quadracycles (class L)	5,324	5,907	7,057	8,614	10,533	12,565	15,716	18,621	20,688	22,172
Buses (classes M2 + M3)	138	149	143	154	161	172	174	202	242	280
Light commercial vehicles LCV (class N1; < 3.5 t)	1,069	1,467	1,711	2,141	2,605	3,330	5,627	7,582	10,584	11,412
Heavy goods vehicles HGV (class N2; 3.5 t < x ≤ 12.0 t)	1	1	1	2	2	3	40	81	105	121
Heavy goods vehicles HGV (class N3; > 12.0t)	0	0	0	9	10	10	4	18	29	58
Articulated lorries classes (class N1 + N2 + N3)	0	0	1	4	3	3	3	4	20	40

\* Hybrid electric drive not externally rechargeable

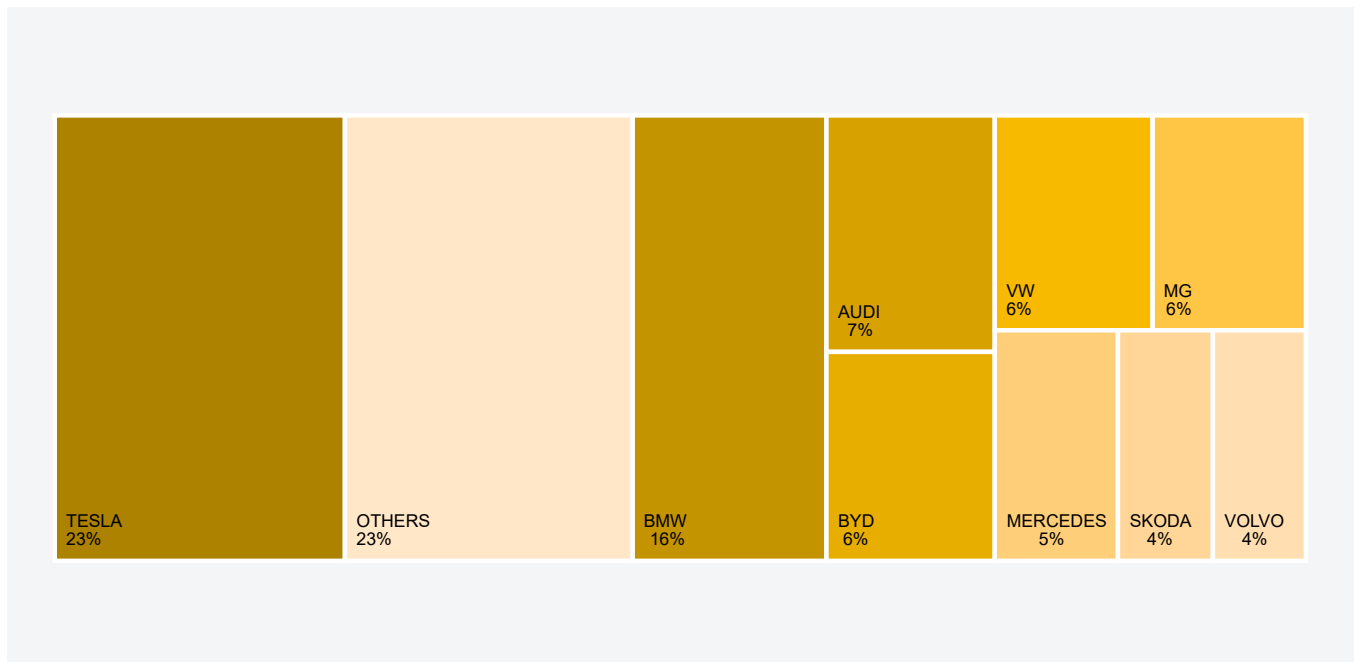
Source: Statistics Austria; Illustration: AustriaTech; Data status: 31/12 of the corresponding year respectively 31/05/2024; The 2024 population figures for PHEV (M1) and for "Further BEV of the classes L, M, N" were extrapolated on the basis of the old population (31.12.2023) and the cumulative new registrations of the current year.

### Best selling BEV passenger cars (M1) by model, 1st quarter 2024



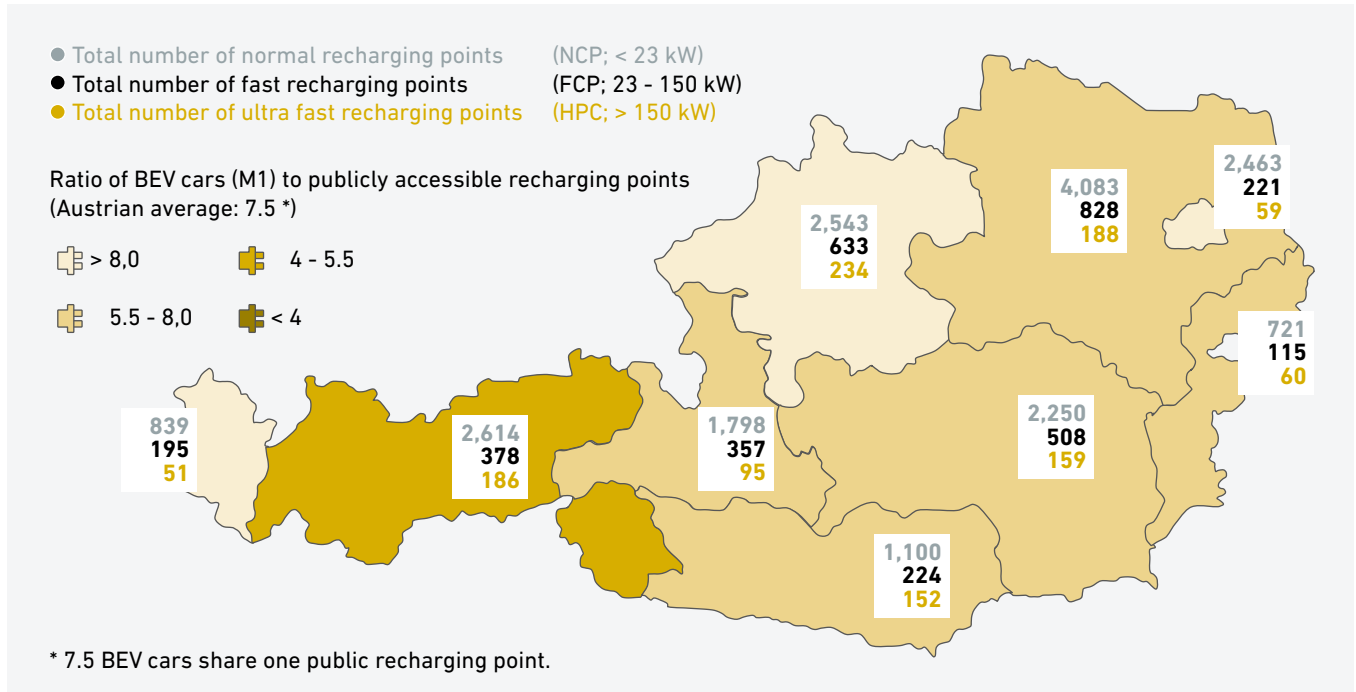
Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2024

### Best selling BEV passenger cars (M1) by brand, 1st quarter 2024



Source: Statistik Austria; Illustration: AustriaTech; Data status: 31/03/2024

### Publicly accessible recharging points per federal state, May 2024

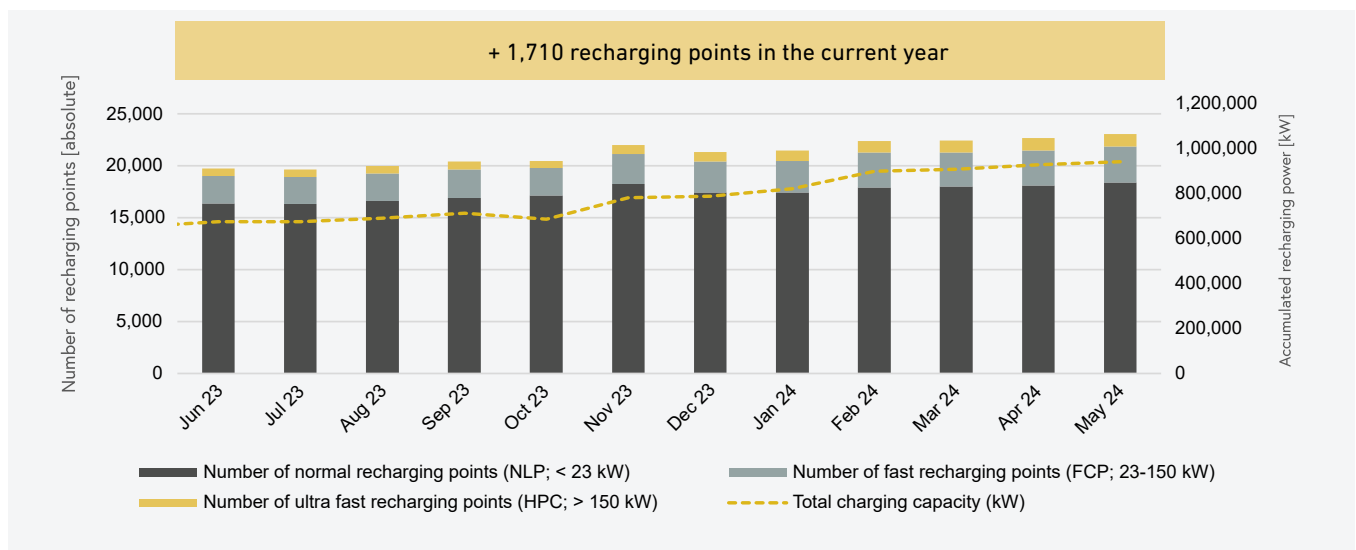


Source: E-Control, data cleansing by AustriaTech; Illustration: AustriaTech; Data status: 03/06/2024

As of 3rd **June 2024**, the Austrian recharging network consists of 18,411 normal recharging points, 3,459 fast recharging points and 1,184 ultra fast recharging points, amounting to **23,054 publicly accessible recharging points** in total.

OLÉ - Austria's National Competence Center for E-Mobility supports the expansion of efficient recharging infrastructure in public spaces by improving framework conditions and funding programs. OLÉ is committed to finding the right recharging infrastructure for the respective recharging scenario. To support the ramp-up, all forms of recharging infrastructure (e.g. smart home and workplace recharging points and high power recharging points on main routes) are needed.

### Publicly accessible recharging points and total recharging capacity per month, 2023-2024



Source: E-Control, data cleansing by AustriaTech; Illustration: AustriaTech; Data status: 03/06/2024

## Imprint



### About

The monthly publication “E-Mobility in Austria Facts & Figures” is created by AustriaTech in its role as National Competence Center For E-Mobility (“OLÉ - Österreichs Leitstelle für Elektromobilität”) and offers a compact overview of recent developments in E-mobility.

You can find the current issue of the publication series “E-Mobility in Austria Facts & Figures” at [www.austriatech.at/downloads](http://www.austriatech.at/downloads) as well as at [www.austriatech.at/zahlen-daten-fakten-archiv](http://www.austriatech.at/zahlen-daten-fakten-archiv)

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### Glossary

BEV:	Battery electric vehicle
FCEV:	Fuel cell electric vehicle
PHEV:	Plug-in-hybrid electric vehicle
BEV + PHEV + FCEV:	E-vehicles