

# Electromobility in Austria

Facts & Figures  
July 2020



## Highlights in July 2020

In July, 1,798 electric vehicles were newly registered in Austria and the stock has risen to 46,470. Compared to other federal states, Vorarlberg has a BEV share of 6.33% in new registrations. The Renault Zoe is the most popular BEV model with 277 new registrations in July 2020. In the comparison of brands Tesla leads with around 25% 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.



**1,798**  
E-Vehicles  
New Registrations



**46,470**  
E-Vehicles  
Population



**Vorarlberg**  
With 6.33%  
Highest BEV-Share

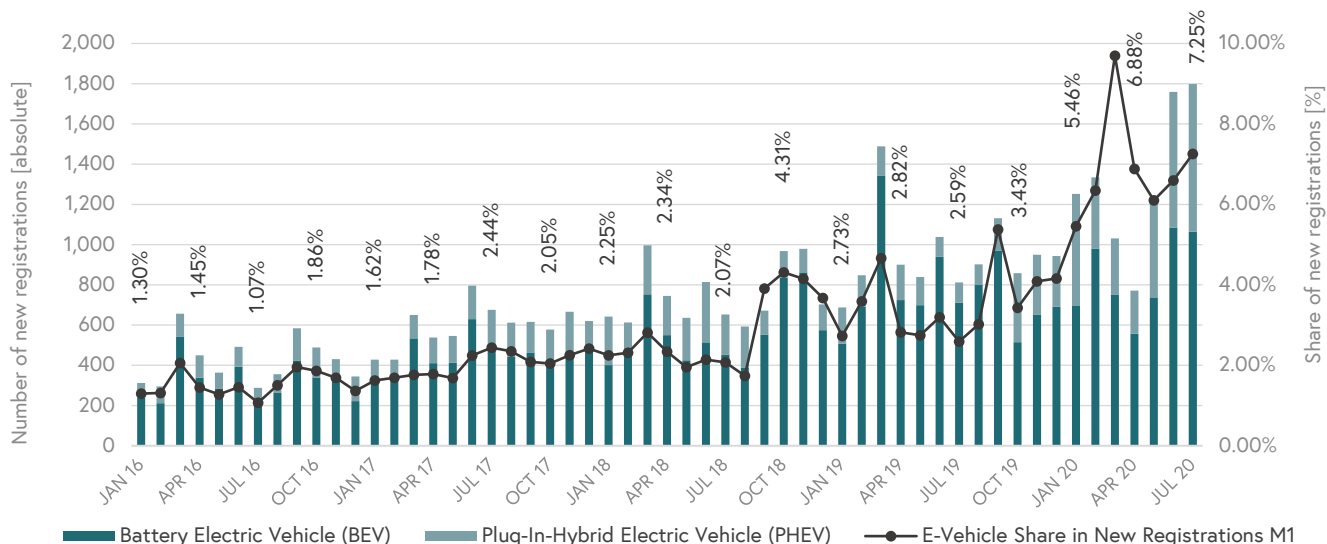


**Renault Zoe**  
Mostly Registered  
BEV-Model

# Facts & Figures

Electromobility in Austria, July 2020

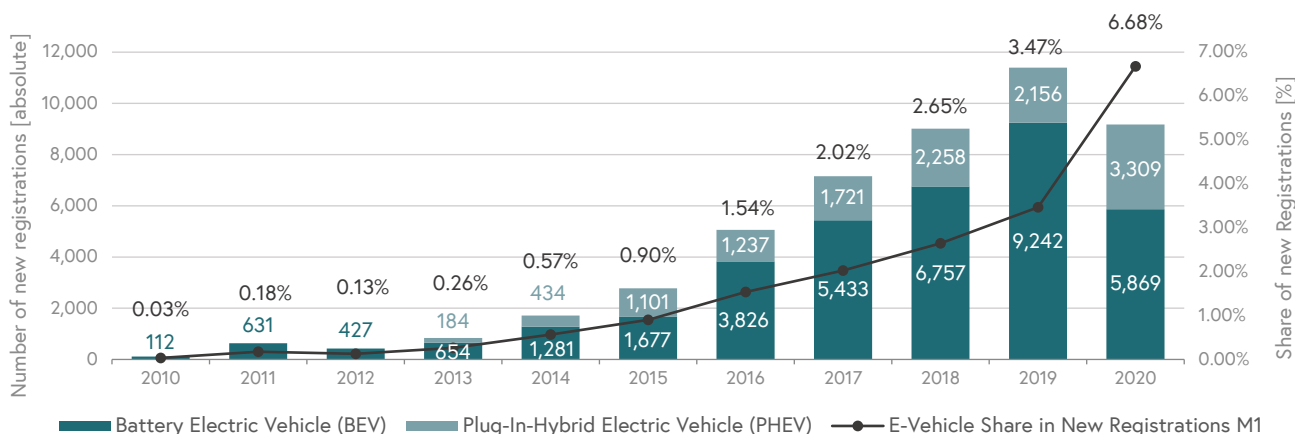
## New registrations of e-vehicles of category M1 per month (for Austria)



In the comparative period since January 2016, there has been a steady upward trend in the newly registered e-vehicles. In July 2020, 1,064 BEV (-2% on the previous month), 734 PHEV (+9% on the previous month) and no FCEV (no change in comparison to the preceding month) were newly registered. The share of new registrations of e-vehicles in July 2020 was 7.25%.

Source: Statistics Austria; Data status: End of each month respectively 31.07.2020; 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)



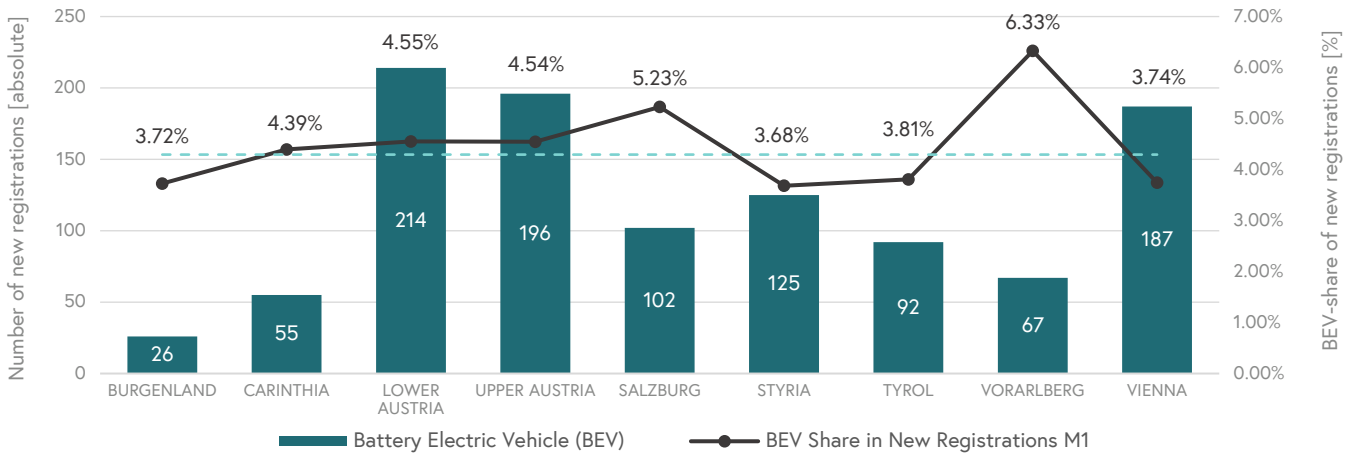
From January to July 2020, 5,869 BEV, 3,309 PHEV and seven FCEV were newly registered. Compared to July 2019, new registrations of BEV increased by 50%, PHEV new registrations increased by 627% and FCEV new registrations dropped from three to zero vehicles. The e-vehicle share of category M1 registrations in July 2020 is 6.68%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.07.2020; Hydrogen vehicles are not included in this illustration for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, July 2020

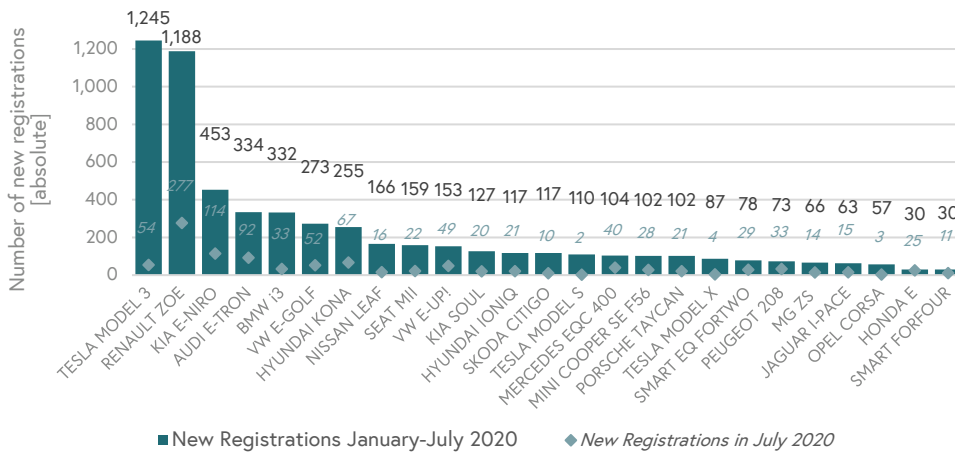
## New registrations of BEV cars of category M1 by Austrian federal state (July 2020)



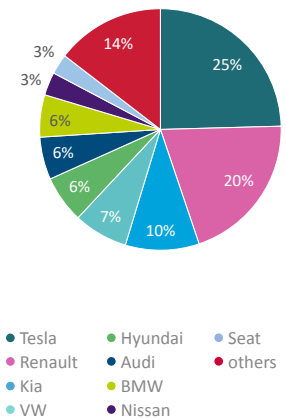
Compared with other Austrian federal states, Vorarlberg has the highest percentage of BEV in newly registered passenger cars at 6.33%, followed by Salzburg (4.70%) and Lower Austria (4.55%). Austria has a BEV share of 4.29%. In the absolute number of newly registered BEV, Lower Austria is ahead with 214, followed by Upper Austria (196) and then Vienna (187).

Source: Statistics Austria; Data status: 31.07.2020; Illustration: AustriaTech

## New registrations of BEV cars of category M1 by model (July 2020)



## BEV market share 2020 (M1)



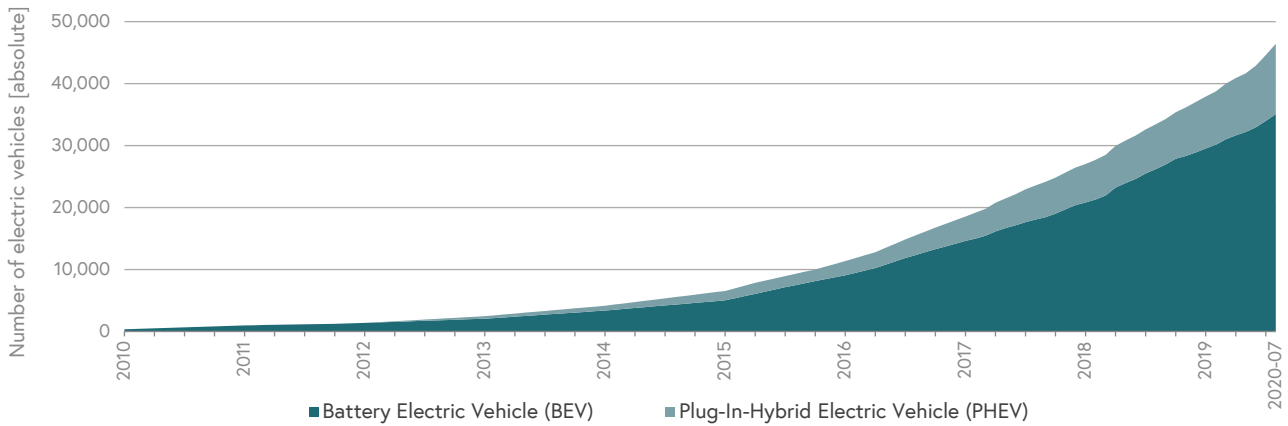
In the period from January to July 2020 the most popular model was the Tesla Model 3 with 1,245 units, followed by the Renault Zoe with 1,188 units and the Kia E-Niro with 453 units. The most popular model in July was the Renault Zoe with 277 units, followed by the Kia E-Niro with 114 units and the Audi E-Tron with 92 units. In the market share of new registrations from January to July 2020, Tesla takes first place with around 25%, followed by Renault with around 20% and then Kia with around 10%.

Source: Statistics Austria; Data status: 31.07.2020; only the top 25 are shown in the illustration on the left for illustrative purpose; Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, July 2020

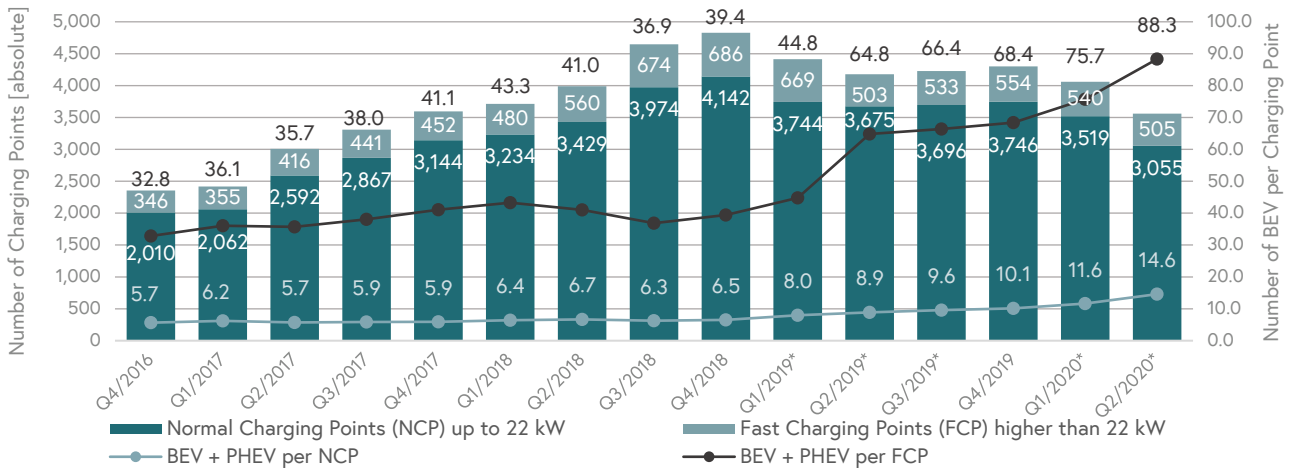
## Population of e-vehicles of category M1 over time (for Austria)



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 July 2020. As of the end of July 2020, 46,470 electric vehicles were on the roads of Austria, corresponding to a share of the total population of 0.92%.

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.07.2020; 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. In total there are 3,055 normal charging points and 505 fast charging points until the end of the second quarter of 2020. At this moment there are about 15 electric cars (BEV and PHEV) on one NCP and about 88 on a FCP.

Source: e-tankstellen-finder.com; Data status: at the end of each quarter of the respective year; Illustration: AustriaTech

\*Due to database adjustments, the number of charging points decreased since Q1/2019 and Q1/2020. This reduction was only in the underlying database, effectively the charging points did not decrease.

# Facts & Figures

Electromobility in Austria, July 2020

## Vehicle population by vehicle type, fuel type and energy source

| Vehicle types, fuel types or energy source              | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020 July |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| <b>Passenger Vehicle Class M1</b>                       | 4,513,421 | 4,584,202 | 4,641,308 | 4,694,921 | 4,748,048 | 4,821,557 | 4,898,578 | 4,978,852 | 5,039,548 | 5,066,532 |
| Petrol incl. Flex-Fuel                                  | 1,997,066 | 2,001,295 | 2,003,699 | 2,011,104 | 2,019,139 | 2,038,019 | 2,080,434 | 2,139,239 | 2,179,235 | 2,191,843 |
| Diesel  | 2,506,511 | 2,570,124 | 2,621,133 | 2,663,063 | 2,702,922 | 2,749,046 | 2,770,470 | 2,776,332 | 2,772,854 | 2,766,822 |
| Battery Electric Vehicle (BEV)                          | 989       | 1,389     | 2,070     | 3,386     | 5,032     | 9,073     | 14,618    | 20,831    | 29,523    | 35,077    |
| Compressed natural gas CNG (monovalent/bivalent)        | 2,670     | 3,109     | 3,651     | 4,262     | 4,775     | 5,031     | 5,206     | 5,542     | 5,746     | 5,761     |
| Plug-In Hybrid Electric Vehicle (PHEV)                  | n/a.      | n/a.      | 408       | 776       | 1,512     | 2,287     | 3,948     | 5,710     | 8,042     | 11,351    |
| Fuel Cell Electric Vehicle (FCEV)                       | n/a.      | n/a.      | n/a.      | 3         | 6         | 13        | 19        | 24        | 41        | 42        |
| Electric Vehicle Population M1 (BEV, PHEV, FCEV)        | 989       | 1,389     | 2,478     | 4,165     | 6,550     | 11,373    | 18,585    | 26,565    | 37,606    | 46,470    |
| Electro Vehicle – Change on Previous Year               | 180.2%    | 40.4%     | 78.4%     | 68.1%     | 57.3%     | 73.6%     | 63.4%     | 42.9%     | 38.9%     | 38.8%     |
| Electric Vehicle Share in Population M1                 | 0.02%     | 0.03%     | 0.05%     | 0.09%     | 0.14%     | 0.24%     | 0.38%     | 0.53%     | 0.75%     | 0.92%     |
| <b>Further Electric Vehicles of the Classes L, M, N</b> | 4,024     | 5,120     | 5,594     | 6,067     | 6,532     | 7,524     | 8,912     | 10,920    | 14,061    | 15,881    |
| Motorbikes/Tricycles/Quadracycles (Class L)             | 3,772     | 4,565     | 4,835     | 5,116     | 5,324     | 5,907     | 7,057     | 8,614     | 11,231    | 12,726    |
| Busses Class M2 and M3                                  | 116       | 126       | 139       | 131       | 138       | 149       | 143       | 154       | 176       | 189       |
| Duty Vehicle Class N1 (< 3.5 ton)                       | 135       | 428       | 619       | 819       | 1,069     | 1,467     | 1,711     | 2,141     | 2,641     | 2,953     |
| Duty Vehicle Class N2, N3 (> 3.5 ton)                   | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 11        | 13        | 13        |

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.07.2020; 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              | 2011    | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    | 2019    | 2020 July |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| <b>Passenger Vehicle Class M1</b>                       | 356,145 | 336,010 | 319,035 | 303,318 | 308,555 | 329,604 | 353,320 | 341,068 | 329,389 | 137,571   |
| Petrol incl. Flex-Fuel                                  | 159,027 | 143,325 | 134,276 | 126,503 | 122,832 | 131,756 | 163,701 | 184,150 | 176,706 | 63,706    |
| Diesel  | 194,721 | 189,622 | 180,901 | 172,381 | 179,822 | 188,820 | 175,458 | 140,111 | 126,311 | 52,387    |
| Battery Electric Vehicle (BEV)                          | 631     | 427     | 654     | 1,281   | 1,677   | 3,826   | 5,433   | 6,757   | 9,242   | 5,869     |
| Compressed natural gas CNG (monovalent/bivalent)        | 444     | 460     | 628     | 788     | 703     | 484     | 435     | 641     | 578     | 276       |
| Plug-In Hybrid Electric Vehicle (PHEV)                  | 0       | 0       | 184     | 434     | 1,101   | 1,237   | 1,721   | 1,888   | 2,097   | 3,309     |
| Fuel Cell Electric Vehicle (FCEV)                       | 0       | 0       | 0       | 3       | 9       | 5       | 0       | 7       | 19      | 7         |
| New e-Vehicle Registrations M1 (BEV, PHEV, FCEV)        | 631     | 427     | 838     | 1,718   | 2,787   | 5,068   | 7,154   | 8,652   | 11,358  | 9,185     |
| Electro Vehicle Share of New Registrations M1           | 0.18%   | 0.13%   | 0.26%   | 0.57%   | 0.90%   | 1.54%   | 2.02%   | 2.54%   | 3.45%   | 6.68%     |
| <b>Further Electric Vehicles of the Classes L, M, N</b> | 979     | 1,400   | 791     | 876     | 930     | 1,949   | 1,910   | 2,724   | 2,998   | 1,820     |
| Motorbikes/Tricycles/Quadracycles (Class L)             | 923     | 1,094   | 585     | 672     | 651     | 1,478   | 1,667   | 2,251   | 2,482   | 1,495     |
| Busses Class M2 and M3                                  | 5       | 14      | 15      | 1       | 12      | 22      | 6       | 17      | 22      | 13        |
| Duty Vehicle Class N1 (< 3.5 ton)                       | 51      | 292     | 191     | 203     | 267     | 449     | 237     | 446     | 492     | 312       |
| Duty Vehicle Class N2, N3 (> 3.5 ton)                   | 0       | 0       | 0       | 0       | 0       | 0       | 0       | 10      | 2       | 0         |

Source: Statistics Austria; Data status: 31.12. of the corresponding year respectively 31.07.2020; The values of the current year are cumulated (Jan - Jul.); Illustration: AustriaTech

# Facts & Figures

Electromobility in Austria, July 2020

## 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](https://bmk.gv.at/e-faktencheck)

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