

Electric vehicle charging infrastructure sweden

Though Sweden's charging stations are spread across the country, certain locations stand out in regard to the concentration of chargers:

Mer has one of Sweden's largest public charging networks for public EV charging where you can easily charge the electric car at one of our charging stations. Join us in our journey as we continue investing in building super-fast charging stations along the roads in Sweden.

A Look Into Sweden's EV Charging Infrastructure

Sweden, one of the countries Mer operates in, has made significant steps towards reducing its carbon footprint. A space that Sweden consistently performs highly in is the electric vehicle sector, as the increase in EV driving and the subsequent development of the country's EV charging infrastructure is invariably reducing their transportation system's environmental impact.

We have looked at Sweden's public EV charging infrastructure to see how they are advancing their electric transportation network and encouraging people to join the EV transition.

After passing legislation in 2017, Sweden declared its aim to achieve net zero by 2045. In the Ministry of the Environment long-term strategy for reducing greenhouse gas emissions, electric transportation and charging featured prominently.

The strategy notes that domestic transport accounted for one third of greenhouse gas emissions in Sweden, with cars and heavy goods vehicles being the main contributors. It goes on to recognise the need to support the growth of sustainable renewable fuels and the infrastructure for these fuels, which includes electrification, to reduce emissions within the transport field.

Accompanying this discussion was the acknowledgment of long-term planning for the expansion of electrified roads and the need for rapid charging for heavy goods vehicles.

As of August 2022, there are 384 582 rechargeable vehicles in Sweden. Data from quarter 3 of this year shows there were 219,662 plug-in hybrid vehicles (PHEV), an increase from 215,953 in the previous quarter, and 151,086 battery electric vehicle (BEV) passenger cars, up from 146,220 in Q2.

Compared to the data from the end of 2012, where there were a mere 582 BEV passenger cars, Sweden's EV market has experienced huge growth. It is predicted that this growth will continue, with 2.5 million rechargeable vehicles on the roads in 2030.

As of August, the Tesla Model 3 topped the list of the top 10 rechargeable BEVs (13711), whilst the Volvo XC60 T8 twin engine held the spot for PHEVs (17907).

As one of the first countries to make a net-zero emissions target, it is unsurprising that Sweden takes the 8th spot in Forbes Advisor's analysis of the countries that are best-suited to EV drivers. LeasePlan's EV Readiness Index 2022 shows that Sweden's charging infrastructure maturity has improved since 2021.

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