

Poland electric vehicle charging infrastructure

The "Polish EV Outlook 2023" report offers a detailed overview of the current state and future projections for the Polish market of zero- and low-emission transport, spanning almost 300 pages. A prominent feature of the report is a thorough analysis of the public charging infrastructure sector, covering several aspects such as the current state of network expansion, favored locations and manufacturers among major operators, charger capacity and accessibility, infrastructure distribution in various cities and voivodeships, market share of key stakeholders, and compliance of individual municipalities with their responsibilities outlined in the Act on Electromobility and Alternative Fuels.

In 2022, the total number of public charging stations in Poland witnessed an increase of almost 30%, marking a significantly higher growth rate than that of 2021. The installation of 633 new chargers contributed to this growth. Notably, the number of fast charging stations, i.e., those with a capacity of over 50 kW, has been on a steady rise. The percentage of such chargers in the Polish network rose from 8% in 2021 to 11% in 2022. This expansion of DC stations has resulted in an overall increase in the total capacity of operational infrastructure in Poland. The capacity increased by as much as 44% in 2022 alone, from approximately 68 to 98 MW - says Jan Wiśniewski, Head of PSPA Research and Analysis Centre.

- The data obtained from the operators correspond to current trends in the e-mobility sector and confirm the steadily increasing popularity of the CCS standard in relation to CHAdeMO among BEV drivers. In 2022, more than half of all charging sessions at public stations were carried out using the former type of connector. "Polish EV Outlook 2023" also shows that there is a steady increase in the number of customers registered with the networks of the leading operators. In 2022, the average growth in this area was 106% YoY - says Jan Wiśniewski.

"Polish EV Outlook 2023" presents two potential scenarios for the expansion of public charging points in Poland. These scenarios consider a range of variables and key trends, including technological advancements, market changes, and political factors such as EU-led initiatives to support public charging infrastructure in Member States, the evolving EV charging habits of drivers, the growing range of electric vehicles, and the entrance of large operators with foreign capital - primarily international oil companies - into the Polish market.

More information about the "Polish EV Outlook 2023", as well as the possibility of ordering the report: [Polishevoutlook.pl](https://polishevoutlook.pl)

It is already certain that in January 2022 the National Fund for Environmental Protection and Water Management will start a call for applications under the new priority programme entitled "Support for electric vehicles charging infrastructure and hydrogen refuelling infrastructure". During the industry

meeting at the Powiśle Power Plant, which was an extensive presentation of the potential, possibilities and achievements of the Polish “charger” industry, the assumptions of this programme were presented. Thanks to it, a network of more than 17 thousand electric vehicle charging points and 20 hydrogen stations will be created across Poland.

Together with the Deputy Minister of Climate and Environment, Adam Guibourg-Czetwertyski, the meeting was attended by: President of the National Fund for Environmental Protection and Water Management, Maciej Chorowski, Vice-President of NFOiGW, Artur Lorkowski, as well as the heads of industry organisations and associations and the representatives of several dozen companies operating in the sector of ecological automotive and zero-emission transport. It was an opportunity to discuss, exchange opinions and experiences in the field of electromobility as well as to present available solutions in the field of charging electric vehicles.

We have interpreted the global trends properly. Even now, Poland is the largest exporter of car batteries in the European Union and the demand for lithium-ion batteries manufactured in our country and necessary for the production of electric vehicles, is constantly and dynamically growing. Today, they are Poland’s number one export product. Even in the difficult, pandemic year of 2020, their export recorded the largest annual increase in sales, as a single item in the statistics of Polish foreign trade.

– stresses the Deputy Minister of Climate and Environment, Adam Guibourg-Czetwertyski.

This is one of the elements of the government’s strategy to develop broadly understood electromobility in Poland, including the electrification of individual and collective transport, and thus – to reduce the number of vehicles emitting carbon dioxide (CO₂) and nitrogen oxides (NO_x) on Polish roads. The new programme of NFOiGW aimed at supporting electric and hydrogen vehicle charging infrastructure is an important supplement to this strategic line of development.

– adds the deputy head of the Ministry of Climate and Environment.

The financial support addressed by our institution to these future-proof industries undoubtedly contributes to creating a competitive advantage for Polish companies in the increasingly important branch of the European economy, i.e. the charger and battery industry. The properness of these activities is confirmed by existing success of Polish companies in the global market.

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