

Poland battery electric vehicles bevs

Li-NMC, 2023 41 %

What does the first edition of the PEVO Index show?

In November 2023, the fleet of passenger cars, delivery vans and trucks all-electric (BEV) in Poland numbered 54,681 units. The fleet of BEV passenger cars consisted of 49,082 units (+70% y/y), and the number of registrations of new vehicles of this type in November 2023 it amounted to 1,882 pieces (+60% y/y). Very dynamic growth was recorded in the segment of fully electric delivery vehicles and trucks. In November, their park increased to 5,599 units (+94% y/y).

- A clear increase over the last 12 months has also been recorded in the infrastructure sector. The number of charging points increased by over 1.5 thousand. In total, there are 5,829 (+35% y/y) public points in Poland, including 4,362 AC (+31% y/y) and 1,467 DC (+50% y/y). Chargers with a power of up to 22 kW have the largest share in the charging infrastructure network in Poland (66%), but the number of fast DC stations with a power exceeding 50 kW is growing very dynamically. EV drivers can already use 575 such devices in Poland. This is almost 1/5 of the total number of publicly available chargers in our country - says Jan Wiñiewski, Director of the PSPA Research and Analysis Center.

The PEVO Index also contains information on cities with the best-developed infrastructure for zero-emission vehicles. The first is Warsaw (579 points in November 2023), followed by Gdańsk (265), Szczecin (217), Poznań (199) and Kraków (192). Another very important information included in the PEVO Index is the number of points along the TEN-T network (606 in November, which means an increase of 16% y/y). It is this factor that determines the comfort of traveling in an EV on longer routes in Poland.

Thanks to the PEVO Index, you can also easily obtain data on the offer on the electromobility secondary market in our country. In November 2023, the number of ads for used BEVs on the OTOMOTO portal was 3,639. This is an increase of 178% y/y. Despite this, the share of all-electric car ads in the total number of used vehicle ads is still low - 1.0%. As a result, interest in EVs from the secondary market is still low - such offers account for only 0.8% of all ad views on the OTOMOTO portal.

- The number of advertisements for the sale of used electric cars is growing spectacularly year on year, but we must remember that a low base value is key here. Electric cars are relatively young on the market - especially if we compare their age to the average of the entire car fleet in Poland, which has already exceeded 14 years. Observing the market and the pace of registration of new electric cars, we anticipate that a clear wave of interest will also appear in the used BEV car segment and I am very glad that by following subsequent updates of the PEVO Index, we will be able to refer to this topic on an ongoing basis - says Agnieszka Czajka, General Manager of OTOMOTO.

The most popular BEV models on the e-mobility secondary market in Poland are Nissan Leaf (344 ads in November 2023 with an average price of PLN 72,040), BMW i3 (238 ads with an average price of PLN 98,618) and Tesla Model S (188 ads with average price PLN 188,331).

Data for the “PEVO Index” are provided by: PSPA, IBRM Samar and OTOMOTO.

More information about the full version of the “Polish EV Outlook” report is available at: Polishevoutlook.pl

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