



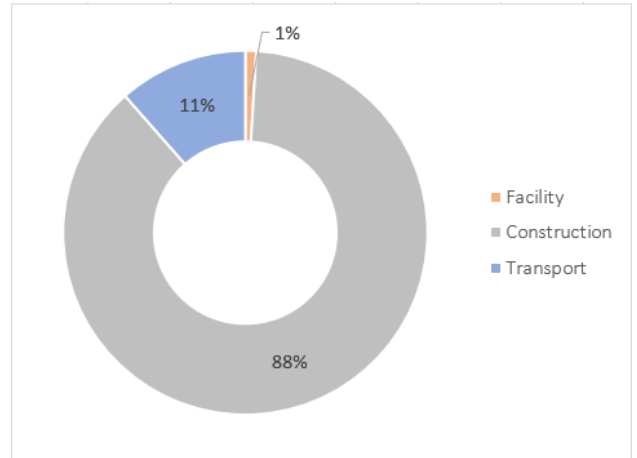
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 Date **27 May 2024**
 Subject **BMW Plant Debrecen
 Yearly energy report - 2023**

Energy Usage from Year 2023

BMW Group is proceeding with a plan to build a new plant in Debrecen. The factory is being built at Debrecen, in the North-Western Industrial area. The new Plant is located in a 400 HA greenfield area. In 2025, the modern and sustainable production plant will start series production of the first all-electric 'Neue Klasse' models.

In 2023, the energy usage presents the consumption of the construction, commissioning activities and company cars usage.



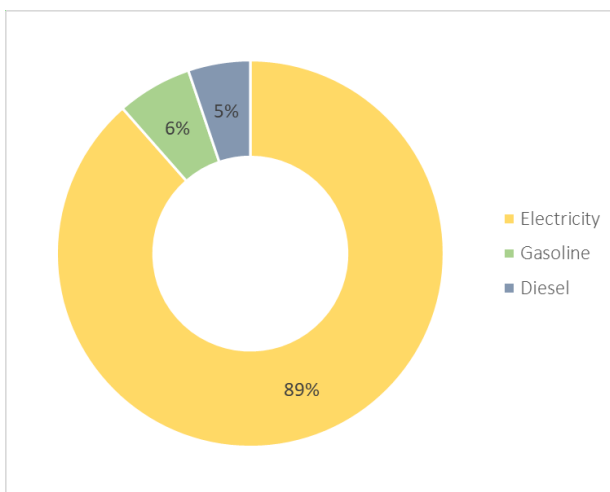
The breakdown of the consumption by area

Sustainable Energy Strategy

BMW Group's currently largest photovoltaic power plant to be built in Debrecen.

The photovoltaic power plant will be executed on more than 50 hectares and the rated output of 43 MW at BMW's manufacturing facility will reduce the use of external electricity from the grid.

This size would be sufficient to supply electricity for 20,000 households if used directly.



The breakdown of the consumption by energy source

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The system's operation will start in the end of 2025. The establishment of the solar panel system fits into the strategic future vision of the BMW Group's international production network.



Energy Storage Execution Planning

BMW Group Plant Debrecen has a clear plan to use energy in the most effective and sustainable way. The plan includes the combination of the PV power plant installation in addition to an energy storage system. That stored energy can be used to balance the Plant loadings as well as to regulate the usage of the grid capacity.

Eco-friendly Alternatives to the Daily Commuting

To get to the BMW plant, there are a number of alternatives besides car usage. **The city bus** network has been extended, next to the plant a **railway station** is open to public transport. There are **internal and external shuttle services**, and the plant is linked to the surrounding settlements by a **cycle path**.

