Maandag 16 november 2026, 09:00 CET



5,000 electric shared cars could provide more than half of Utrecht's grid flexibility needs from mobility

V2G shared cars in Utrecht fed 102 MWh back into the grid in just one quarter; MyWheels calls for government incentives to enable further expansion

Amsterdam, 16 November 2026 – A fleet of 5,000 electric shared cars equipped with Vehicle-to-Grid (V2G) technology could provide an estimated 28 to 45 megawatts (MW) of flexibility to the electricity grid in the province of Utrecht. This means electric shared cars could meet more than half of the province's required grid flexibility from mobility. The figures come from calculations by MyWheels, which are being presented today at the National Sustainable Mobility Conference organised by the Dutch Ministry of Infrastructure and Water Management. The potential is supported by real-world results: between 1 April and 8 July 2026, 306 V2G shared cars in Utrecht fed a total of 102 megawatt-hours (MWh) of electricity back into the grid. At the same time,

MyWheels stresses that additional government incentives are needed to make the planned expansion possible.

Utrecht's electricity grid is under significant pressure. To tackle grid congestion, the province is estimated to need 320 MW of flexible capacity by 2033, of which 80 MW must come from mobility. Electric shared cars can contribute by feeding electricity back into the grid during peak demand and postponing charging until demand is lower.

28 to 45 megawatts (MW) of flexible capacity

According to calculations by MyWheels, a fleet of 5,000 V2G shared cars could provide approximately 28 MW of grid flexibility based on current performance. With further optimisation of electricity fed back into the grid, this could theoretically increase to 45 MW. That represents 35 to 56 percent of Utrecht's required grid flexibility from mobility.

“With electric shared cars, we can address two major societal challenges at the same time: grid congestion and pressure on public space,” says Laurens van de Vijver, CEO of MyWheels. *“The results in Utrecht show that cars can do more than just consume electricity. They can also play an active role in the energy system. However, the clear benefits to society are not yet sufficiently reflected in a financially viable business case for operators. If we want to implement this on a larger scale, government incentives are essential. We need the government to help us move from successful real-world applications to a long-term solution for grid congestion that also accelerates the transition to sustainable mobility.”*

Utrecht's V2G shared cars fed 102 MWh back into the grid

The potential of V2G technology is already being demonstrated in practice. In June 2025, the Utrecht Energized project was launched as a collaboration between Renault Group, We Drive Solar, MyWheels and the Municipality of Utrecht. The

project introduced the first fully operational V2G system using shared cars in a European city.

Just over a year later, 306 V2G shared cars were connected to the system in Utrecht. Between 1 April and 8 July 2026, these vehicles fed a combined 102 MWh of electricity back into the grid. During the same period, the amount of power fed back into the grid increased considerably faster than the number of active vehicles. Further optimisation of the system's control mechanisms should help ensure that electricity is fed back into the grid when demand is highest.

Scaling up requires targeted government incentives

Despite the benefits to society, operating V2G shared cars remains financially challenging. MyWheels is therefore calling on the government to introduce targeted incentives. These include reducing the VAT rate on shared mobility from 21 to 9 percent, exempting electric shared cars from motor vehicle tax and preventing double taxation of electricity used in bidirectional charging.

Over The Sharing Group

TSG is een familie van tech bedrijven op het gebied van online, energy en mobility. Begonnen vanuit Nederland breidt de organisatie gestaag uit naar de rest van Europa. Altijd en overal vanuit hetzelfde vertrekpunt: meer social impact, minder impact op het milieu. TSG doet dat vanuit verschillende creatieve hubs door heel Nederland, van Rotterdam en Almere tot Amsterdam. Check website

Contactgegevens

Peter van den Driest
Public Affairs Manager
pers@mywheels.nl
+31655385352

Kopieer link

https://press.thesharinggroup.com/274869-5-000-electric-shared-cars-could-provide-more-than-half-of-utrecht-s-grid-flexibility-needs-from-mobility/