

One year of V2G car sharing: MyWheels fleet reaches 2 MW of grid discharge capacity

V2G shared vehicles in Utrecht and Eindhoven represent 25 MWh of battery capacity, enough to power approximately 2,000 households during peak hours

Utrecht, 5 June 2026 – One year after launching the first large-scale deployment of vehicle-to-grid (V2G) shared vehicles in Utrecht, MyWheels is demonstrating how electric shared mobility can evolve into a new form of energy infrastructure. The MyWheels V2G fleet now provides nearly 2 MW of discharge capacity. By feeding electricity back into the grid during periods of high demand, the vehicles help relieve pressure on the electricity network and contribute to reducing grid congestion.

The project, developed in partnership with We Drive Solar and Renault, was launched last year during Utrecht Energized, where the first 50 V2G charging stations and 50 Renault 5 shared vehicles were introduced. Since then, the initiative has grown into Europe's largest V2G car-sharing project. Today, more than 350 V2G shared vehicles are operating in the Netherlands, including 300 in Utrecht and 50 in Eindhoven. Plans are underway to expand the rollout to additional cities, including Amsterdam and Rotterdam.

Users have also responded positively to the V2G vehicles. In a recent survey, users rated the Renault 5 an average of 4.34 out of 5 as a shared vehicle. In addition, 83% of respondents said they see the V2G functionality as a valuable feature, while 94% indicated that the vehicle was sufficiently charged for their planned trip.

Shared Vehicles as Mobile Neighbourhood Batteries

The V2G shared vehicles are equipped with bidirectional charging technology, enabling them not only to charge their batteries but also to return electricity to the grid. The vehicles charge when renewable energy is abundantly available, such as from solar and wind power, and discharge electricity during periods of peak demand.

With a combined battery capacity of 25 MWh and a discharge capacity approaching 2 MW, the fleet can contribute to a more flexible and resilient energy system. Earlier [research by Haskoning](#) shows that 1,000 V2G shared vehicles in Utrecht could provide approximately 3.7 MW of flexible capacity by 2027. This would be sufficient to supply around 3,500 households with electricity during peak demand periods.

“The results of the first year show that electric shared vehicles can play a role not only in mobility, but also in the energy system,” says Laurens van de Vijver, CEO of MyWheels. “By deploying more V2G vehicles as mobile neighbourhood batteries, we aim to make better use of renewable energy while helping to reduce pressure on the electricity grid.”

MyWheels aims to have 500 V2G shared vehicles operational in Utrecht by the end of this year and to scale up to 1,000 vehicles with grid feed-in capabilities by 2027.

About MyWheels

MyWheels is a car-sharing platform with more than 250,000 members and the largest and most diverse fleet of electric shared vehicles in the Netherlands. Together with more than 800 volunteer community ambassadors, MyWheels enables people to enjoy the benefits of a car in an environmentally friendly and cost-effective way without owning one. By doing so, MyWheels helps create more public space, more room for greenery, and contributes to a cleaner environment. Together with its partner We Drive Solar, MyWheels is also taking the next step in the energy transition. Residents of Utrecht are among the first in the world to

experience the benefits of large-scale vehicle-to-grid technology, turning shared vehicles into mobile neighbourhood batteries.

More information: <https://mywheels.nl/>

About 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](#)

Contact details

Peter van den Driest

Public Affairs Manager

pers@mywheels.nl

[+31655385352](tel:+31655385352)

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