



THE MOBILITY HOUSE



Project Facts



- Smart charging and energy management of 100 fully electric buses
- Control of 7 DC charging devices from Heliox with 450 kW each, with more than 150 total charging processes per day
- Saving up to 80% of the available 5 MW power connection
- Several hundred thousands euros saved by the ChargePilot charging and energy management
- Services offered by The Mobility House:
Load management | Monitoring | Operation and service

Connexion fleet benefits from smart control

The Dutch bus company Connexion, one of the largest electric bus fleets in Europe, has come to rely on the smart Charging and Energy Management System ChargePilot. The challenge for this company is the extremely high volume of visitors at its Schiphol Airport location: on an average day, 10 MWh flow into the batteries of 100 vehicles. ChargePilot is so efficient that the company only uses and pays for about 20 percent of the 5 MW that are available from the power connection. This way several hundred thousand euros in service charges are saved.

Advantages of ChargePilot, the Charging and Energy Management System from The Mobility House

- **Transparent:** ChargePilot monitors the status of the charging infrastructure in real time to guarantee a reliable operation.
- **Measurable:** Energy consumption and peak performance can be viewed and downloaded in the history at any time.
- **Viable for the future:** Additional buses and charging points from different manufacturers can be integrated into the system.
- **Economically efficient:** The "load management" module prevents expensive peak loads, keeping operating costs to a minimum. The system has demonstrated that it also significantly reduces investment costs when setting up new locations.



» We are excited about our cooperation with The Mobility House, which supports us as a knowledgeable expert in charging and energy management. With their product ChargePilot, we can efficiently charge and operate our fleet of electric busses and also have flexibility when expanding.

Josh Carmichael
Project Manager Zero Emission