

ABB to charge the largest single network of 101 electric buses in Europe

ABB to charge 101 electric hybrid buses in Belgium using open industry standard OppCharge

February 14, 2017 - ABB has received an order for a further 12 bus charging systems from Volvo Buses to power the largest single network of electric buses and bus charging systems in Europe. The order will include installation sites in Charleroi, Belgium, providing 15 ABB charging stations in total by 2018, to power 101 Volvo electric hybrid buses in the Wallonia public transport system, operated by TEC Group.

In January, ABB inaugurated the first two OppCharge bus charging stations ordered in February 2016, to power eleven electric hybrid buses running within a new zero-emissions zone in the city center of Namur. The charging stations will fully charge the electric hybrid buses with 150kW of charging power in three to six minutes during layover times at the bus route's end points. ABB's fast chargers are compliant with the open Interface OppCharge, which means that buses from other manufactures can also be charged.

The scope of ABB's second contract is a complete turnkey project to charge the additional 90 Volvo Electric Hybrid buses and includes twelve 150kW charging stations, substations, switchgear, civil works, installation and a service contract.

"We are very proud to have inaugurated the first two fast-charging bus stations in Namur. We are also very pleased to have been awarded the additional order of 12 chargers. This is an important milestone on the journey towards a sustainable public transport system," said Urs Waelchli, Product Group Manager for ABB's Electric Vehicle Infrastructure business. "By using open industry interfaces like OppCharge we are providing a system



that is open to all bus brands as well as other charger manufacturers. We believe open interfaces and open standards are key for operators and cities to embrace the large scale adoption of Carbon emissions-free public transportation.”

“The order is a new milestone in our electromobility drive and confirms the competitiveness of our offer. We can see that more and more of the world’s cities are choosing electrified city bus traffic in order to deal with poor air quality and noise. The common interface for fast charging of buses and trucks, OppCharge, is gaining ground. The use by many suppliers of a common interface will facilitate the transition to electromobility in the world’s cities,” says Volvo Buses President Håkan Agnevall.

ABB’s fast charger connectivity includes remote diagnostics and management, and over-the-air software upgrades to ensure a fast response and high availability. With over 5,000 web-connected DC fast chargers sold around the world, ABB’s connectivity solutions have delivered industry leading uptimes.

The Volvo 7900 Electric Hybrid operates quietly and exhaust emission-free on electricity for about 70 per cent of its route. Battery recharging takes 3 to 4 minutes with so called opportunity charging. Energy consumption is about 60 per cent lower than for a corresponding diesel bus. Volvo’s electric hybrids have already entered service in cities such as Gothenburg, Stockholm, Hamburg, Luxemburg, Namur and Curitiba.

[About OPPCharge](#)

More information on OPPCharge via www.oppcharge.org

About ABB

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing more than a 125-year history of innovation, ABB today is writing the future of industrial digitalization and driving the Energy and Fourth Industrial Revolutions. ABB operates in more than 100 countries with about 135,000 employees. www.abb.com

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ABB EV Charging Infrastructure

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