



10 December 2018

Scania delivers fuel cell refuse truck

Scania is developing a fuel cell refuse truck together with Renova, a waste handling company in western Sweden. The truck will feature a fully electrified powertrain as well as an electrified compactor.

“We are highly interested in gaining more experience of fuel cells in actual customer operations,” says Project Manager Marita Nilsson, Electric Powertrain Technology at Scania. “Fuel cells constitute a promising technology in the needed decarbonisation of transports.”

Refuse trucks often operate in residential areas in the early hours of the morning. With reduced emissions and noise, electric vehicles are especially attractive in these areas. Renova and other waste handling companies have previously carried out trials with electric refuse trucks but this will be the first with fuel cells.

“Electrification using fuel cells fuelled by hydrogen is a highly appealing alternative for heavy commercial vehicles such as refuse trucks,” says Hans Zackrisson, Head of Development at Renova. “The trucks benefit from all the advantages of electrification while maintaining some of the best aspects of fossil-fuel operations, namely range, hours in service and payload.”

The project is being implemented in cooperation with the Swedish Energy Agency and Stockholm’s Royal Institute of Technology and the fuel cell refuse truck is expected to be delivered in the end of 2019/beginning of 2020.

Scania has previously announced that it is developing fuel cell technology in cooperation with the Norwegian food wholesaler Asko, which has opened its own production plant for sustainable hydrogen fuel. Scania is delivering four distribution fuel cell trucks with a range of 500 km to Asko.

For further information, please contact:

Karin Hallstan, Head of Corporate Communications & PR, phone: +46(0)76 842 81 04, e-mail: karin.hallstan@scania.com

Marita Nilsson, Project Manager, Electric and Hybrid Powertrain Technology, phone: +46(0)70 161 54 54, e-mail: marita.nilsson@scania.com

Scania is a world-leading provider of transport solutions. Together with our partners and customers we are driving the shift towards a sustainable transport system. In 2017, we delivered 82,500 trucks, 8,300 buses as well as 8,500 industrial and marine engines to our customers. Net sales totalled nearly SEK 120 billion, of which about 20 percent were services-related. Founded in 1891, Scania now operates in more than 100 countries and employs some 49,300 people. Research and development are concentrated in Sweden, with branches in Brazil and India. Production takes place in Europe, Latin America and Asia, with regional production centres in Africa, Asia and Eurasia. Scania is part of TRATON AG. For more information visit: www.scania.com.