



PRESS RELEASE

Ground-breaking innovations for future autonomous and electric transport solutions

The Volvo Group continues its far-reaching drive to develop next-generation transport solutions. The latest examples include a system in which autonomous electric vehicles are coordinated to ensure as efficient, and safe goods transport as possible, as well as a new electric compact wheel loader concept.

On September 12 the new goods transport solution was unveiled for the first time in connection with the Volvo Group's Innovation Summit in Berlin. It consists of autonomous electric vehicles that are wirelessly connected to a transport control centre.

The control centre monitors parameters such as each vehicle's location, load and battery charge, using this data to ensure that the overall fleet logistics as well as goods and vehicle flow are as efficient as possible.

The system is intended for use within areas characterised by short distances, large cargo volumes and high delivery precision, for example between logistic hubs.

"This is yet another result of the exciting and innovative solutions we are working with in the areas of automation, electromobility and connectivity, says Lars Stenqvist, Chief Technology Officer Volvo Group. "It showcases the Volvo Group's immense range of expertise and our solid technological knowhow."

By further developing the advanced technology from Volvo's electric buses Volvo Group is able to tailor it to suit the electrification of various vehicle categories, such as trucks, construction machines and marine and industrial applications. In parallel, Volvo Group has for many years conducted in-depth research into autonomous vehicles and presented several examples of self-driving concept vehicles.

"This puts us in a unique position for the development of next-generation transport solutions. Now we are continuing to pursue our development at a fast pace," says Lars Stenqvist.

The new goods transport solution will be further developed in close cooperation with relevant customers.

At the Innovation Summit in Berlin the Volvo Group also presented its LX2 construction machine, an electric compact wheel loader concept. The second-generation prototype is part of a research project and is not commercially available yet. The LX2 delivers far lower noise levels, improved efficiency and lower operating costs compared to its conventional counterparts.



Watch the video here. <https://youtu.be/a97H4hxwS6o>

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The Volvo Group is one of the world's leading manufacturers of trucks, buses, construction equipment and marine and industrial engines. The Group also provides complete solutions for financing and service. The Volvo Group, which employs almost 100,000 people, has production facilities in 18 countries and sells its products in more than 190 markets. In 2017 the Volvo Group's sales amounted to about SEK 335 billion (EUR 35 billion). The Volvo Group is a publicly-held company headquartered in Göteborg, Sweden. Volvo shares are listed on Nasdaq Stockholm.