



Volvo Trucks to introduce all-electric trucks in North America

As part of an innovative partnership between the Volvo Group, California's South Coast Air Quality Management District (SCAQMD), and industry leaders in transportation and electrical charging infrastructure, Volvo Trucks will introduce all-electric truck demonstrators in California next year, and commercialize them in North America in 2020.

The California Air Resources Board (CARB) has preliminarily awarded \$44.8 million to SCAQMD for the Volvo LIGHTS (Low Impact Green Heavy Transport Solutions) project. The Volvo LIGHTS project will involve 16 partners, and transform freight operations at the facilities of two of the United States' top trucking fleets. Volvo LIGHTS is part of California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment – particularly in disadvantaged communities.

“This is yet another important step towards our vision zero emissions. We are convinced that electrified truck transport will be a key driver of sustainable transports, and we're proud to contribute to the Volvo Group's expertise to this innovative public-private partnership,” said Claes Nilsson, President of Volvo Trucks.

The demonstration units will be based on the technology currently being used in the [Volvo FE Electric](#), which Volvo Trucks presented in May and will begin selling in Europe in 2019.

“This is an excellent opportunity to show the end-to-end potential of electrification,” said Peter Voorhoeve, President of Volvo Trucks North America. “From solar energy harvesting at our customer locations, to electric vehicle uptime services, to potential second uses for batteries, this project will provide invaluable experience and data for the whole value chain.”

A variety of smart technologies will be used – including remote diagnostics, geofencing, and the company's web-based service management platform – to monitor all truck performance aspects of the project, and maximize vehicle uptime.

The Volvo LIGHTS project is an example of the new forms of public-private partnerships that electrification of truck transport will allow, as regions target improved



air quality, reduced traffic noise, and reduced congestion during peak hours – because operations can be carried out quietly and without tail-pipe exhaust emissions early in the morning or late at night.

Facts

- Volvo Trucks will deploy eight multi-configuration battery Class 8 electric demonstration units (GVW +15 tons), and an additional 15 precommercial and commercial units, throughout California's South Coast Air Basin.
- The project will also integrate non-truck battery-electric equipment, non-proprietary chargers, and solar energy production equipment.
- The project will reduce an estimated 3.57 tons of criteria pollutants (defined air pollutants) and 3,020 tons of greenhouse gases annually.

Read more about [electromobility](#) .

September 27, 2018

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Volvo Trucks provides complete transport solutions for professional and demanding customers, offering a full range of medium to heavy duty trucks. Customer support is secured via a global network of 2,100 dealers and workshops in more than 130 countries. Volvo trucks are assembled in 16 countries across the globe. In 2017, more than 112,000 Volvo trucks were delivered worldwide. Volvo Trucks is part of Volvo Group, one of the world's leading manufacturers of trucks, buses and construction equipment and marine and industrial engines. The Group also provides solutions for financing and service. Volvo Trucks' work is based on the core values of quality, safety and environmental care.