



AB Volvo

Press information

Volvo first in the world with self-driving truck in underground mine

Volvo's fully autonomous truck is the first in the world to be tested in operations deep underground in the Kristineberg Mine. The self-driving truck is part of a development project aimed at improving the transport flow and safety in the mine. The truck will cover a distance of 7 kilometres, reaching 1,320 metres underground in the narrow mine tunnels.

“This is the world’s first fully self-driving truck to operate under such tough conditions. It is a true challenge to ensure that everything works meticulously more than 1300 metres underground,” says Torbjörn Holmström, member of the Volvo Group Executive Board and Volvo Group Chief Technology Officer.

Volvo Group is now releasing a film showing the opportunities that open up with autonomous trucks. The film was recorded in harsh operating conditions in the Kristineberg Mine 100 kilometres from Arvidsjaur in northern Sweden. Torbjörn Holmström, who takes part in the film, wants to show how safe the truck is. He didn’t hesitate to stand in the middle of the mine gallery as the truck approached him. “No matter what type of vehicle we develop, safety is always our primary concern and this also applies to self-driving vehicles. I was convinced the truck would stop but naturally I felt a knot in my stomach until the truck applied its brakes!”

The entirely self-driving truck that takes the lead role in the film is a specially equipped Volvo FMX. Using various sensors, it continuously monitors its surroundings and avoids both fixed and moving obstacles. At the same time, an on-board transport system gathers data to optimise and coordinate the route and fuel consumption. The truck is part of a development project and is being tested in real-life operation for the very first time.

The film can be seen at www.volvogroup.com/automation. In addition to the film there is extra material including interviews with Volvo Group’s autonomous truck specialists.

Link to the film:

<https://www.youtube.com/watch?v=JwhyUyJNoY>

VOLVO

AB Volvo

Link to extra material:

<https://www.youtube.com/watch?v=DYMEI-1q0Qs>

September 7, 2016

Journalists who would like further information, please contact, Joakim Kenndal, Volvo Group media relations tel +46 765 53 72 29.

For more stories from the Volvo Group, please visit <http://www.volvogroup.com/globalnews>.

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 about 100,000 people, has production facilities in 18 countries and sells its products in more than 190 markets. In 2015 the Volvo Group's sales amounted to about SEK 313 billion (EUR 33.4 billion). The Volvo Group is a publicly-held company headquartered in Göteborg, Sweden. Volvo shares are listed on Nasdaq Stockholm. For more information, please visit www.volvogroup.com or www.volvogroup.mobi if you are using your mobile phone.