

SCANIA PARTICIPATES IN HYDROGEN PROJECT

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Both Scania and Cummins will investigate the capabilities of green hydrogen

Scania is currently working to develop 20 fuel cell electric trucks with Cummins that will run on green hydrogen.

The HyTrucks project will initially develop the 20 trucks as part of Scania's continued work on various projects regarding hydrogen technologies.

There are batteries in every fuel cell electric truck, but fully battery powered trucks remain Scania's main strategy as they provide a higher uptime and improved costs per kilometre or hour of operations for customers.

The fuel cell electric trucks will be built on Scania's battery electric vehicle platform and will also leverage Cummins' fuel cell systems and hydrogen fuelling solutions.

Once Cummins adds fuel cells to the trucks, the fleet of 20 will be delivered to HyTrucks in 2024 as part of a jointly created initiative project in the Netherlands run by Air Liquide and the Port of Rotterdam authority.

The HyTrucks project enables Scania to learn more about how to install fuel cell systems, the operations of it and what customers experience.

"We have been clear that battery electric is what we see as the main track for all applications," Scania head of E-mobility Fredrik Allard says.

"That said, we are open to what our customers want also with regards to other solutions, like hydrogen."

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The project is also a great way for Scania to strengthen its collaboration with Cummins further, as Allard is excited about the possibilities that lie ahead for the two companies.

The pair will work together to provide eco-friendly options in various settings across the world.

"In some operations and geographies where battery electric vehicles aren't optimal, we see that fuel cell electric vehicles will be used," Allard says.

"We will keep a close dialogue with our customers on what is best both for their total operating economy and our planet."

Scania says storing energy over long cycles with hydrogen is a good way of decarbonising the transport industry and are interested to learn what role green hydrogen can play.

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The project will help Scania harness the potential of green hydrogen