

HYDROGEN IN TRANSPORT

Volvo Group

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Volvo Group

Volvo Group offers trucks, buses, construction equipment, power solutions for marine and industrial applications, financing and services that increase our customers' uptime and productivity.

We contribute to the development of electrified and autonomous solutions for the benefit of customers, society and for the environment.



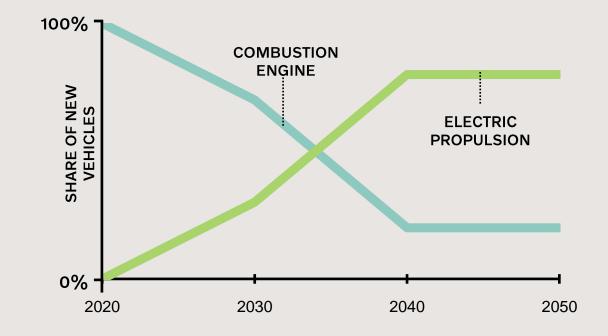






Accelerating the sustainable transformation 100% fossil-free fuel

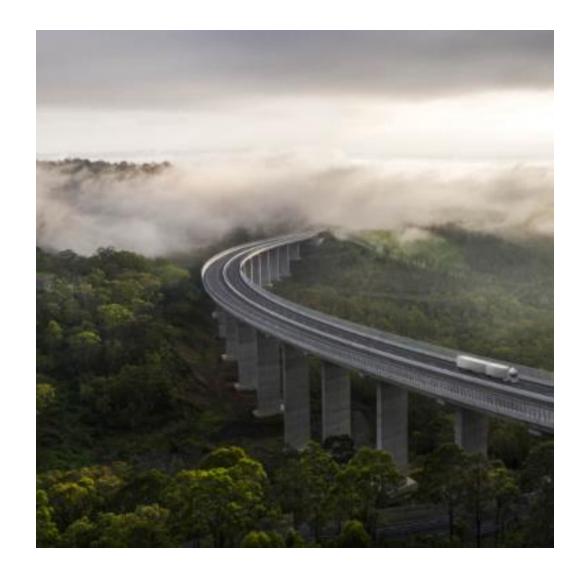
- → In order to deliver on our commitment to the Paris Agreement, the entire running fleet, provided by Volvo Group, needs to run on 100% fossil-free fuel by 2050.
- → To contribute to an emissions-free future, there will be a steady shift into electric propulsion, and combustion engines will run on biofuel.
- → Our ambition is for 100% of our products to be driven by fossil-free fuels by 2040, as our products have an average life-span of 10 years.





Paris Agreement

- Net-zero greenhouse gas emissions by 2040
- Lower the CO₂ emissions with 40% per vehicle km by 2030 for our trucks and buses
- Lower the CO₂ absolute emissions with 30% by 2030 for Volvo CE
- Lower the CO₂ absolute emissions with 37.5% by 2034 for Volvo Penta



cellcentric

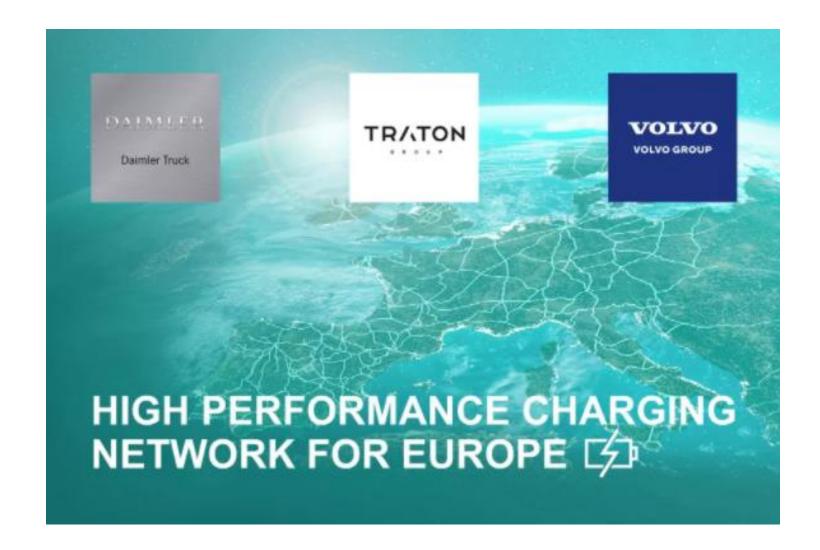
A Daimler Truck & Volvo Group Company

- Intend to create a joint venture for development and large-scale production of fuel cells
- Building on existing assets to shorten time to market
- Joint investment demonstrates commitment to fuel cells as an attractive option for heavy loads and long haul



Charging infrastructure

- Install and operate public charging network for long haul trucks and coaches
- Initiate fast development of charging infrastructure



Volvo Group and SSAB to collaborate on the world's first vehicles of fossil-free steel

Volvo Group and SSAB have signed a collaboration agreement on research, development, serial production and commercialization of the world's first vehicles to be made of fossil-free steel

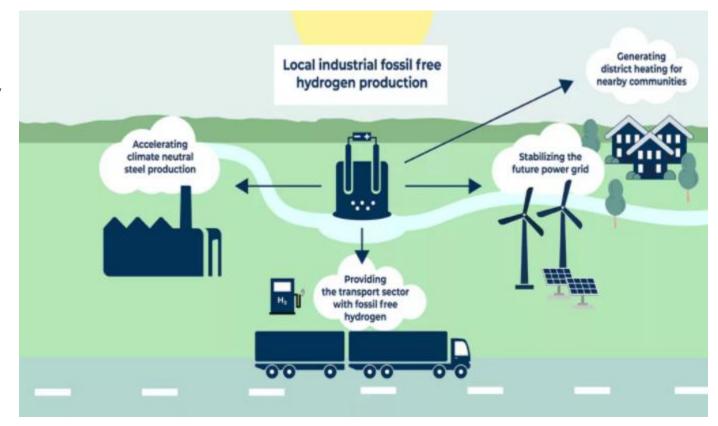
Volvo plans already this year to start the production of concept vehicles and components from steel made by SSAB using hydrogen



OVAKO and Volvo collaborates

Ovako builds Sweden's largest fossil-free hydrogen facility

- Reduce CO2 emissions
- Develop local industrial hydrogen production
- Future hydrogen infrastructure for the transport sector
- Enable large-scale and cost-effective production of hydrogen for applications



Volvo Energy

Volvo Group's business area dedicated to accelerating electrification and sustainability.

- → Charging solutions for battery electric vehicles.
- → Repurposed (second-life) and recycled batteries.
- → Hydrogen infrastructure solutions for fuel-cell electric vehicles.





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