

P R E S S R E L E A S E

Volvo Trucks announces global product launch – a range of new powertrains to reduce CO₂ emissions and accelerate decarbonization

Volvo Trucks is launching a multi-billion SEK investment in technologies that will strengthen its global product offers and competitiveness for years to come and enable reaching the goal of net-zero emissions by 2040.

An all-new fuel-saving combustion engine platform made for multiple renewable fuels including future hydrogen applications as well as new electric drivelines with ranges of up to 700 km will future-proof Volvo's trucks in all markets and all transport segments.

The global customer base of Volvo Trucks' sales operations calls for a wide range of efficient powertrains as fuel supply, fuel infrastructure and customer preferences differ significantly between regions and markets.

"This is a hugely important launch as the decarbonization of the transport industry needs to accelerate, and the new technologies we are launching now will offer transport companies the best of two worlds," says Roger Alm, President Volvo Trucks.

He continues: "Our second-generation electric trucks are capable to replace traditional diesel trucks in most cases. However, in certain regions and transport segments we also need the combustion engine to reduce CO₂ now, and in the future. Our new engines offer the flexibility needed to satisfy customers in all regions and in all transport segments. One single engine platform will also give us very good synergies and larger production volumes."

Building on Volvo Trucks' electric leadership

Volvo Trucks has pioneered the market for battery electric trucks since 2019 and now the company is taking the next steps. A new long-range heavy-duty model represents a breakthrough with an electric range of up to 700 km on one charge.

Volvo is also launching an upgraded range of electric models that will enable more transport segments and operators to shift from traditional fuels to electric. Volvo offers 8 different electric models and has sold more than 6,000 battery electric trucks in more than 50 countries.

Highly efficient and flexible combustion engines with lower CO₂

The combustion engine plays an important role in Volvo's net zero ambitions. An all-new 13-litre engine platform is launched, which will be used for two engines – diesel and gas-powered.

Both are ready from start for renewable fuels such as biodiesel and biogas, paving the way for transport companies to run their truck fleets with net-zero emissions. The next step in gas fuel is hydrogen-powered combustion engines which Volvo has begun testing on public roads with commercial launch planned to take place before 2030.

Volvo's new battery-electric trucks will be produced in Gothenburg, Sweden and Ghent, Belgium, and rollout will happen step by step, starting 2026. The new combustion engines will be produced in Skövde, Sweden, with sales starting during the third quarter of 2026.

Three paths towards net-zero emissions

Volvo Trucks drives the decarbonization of transport to reach its net-zero emissions target by 2040 using a three-path technology strategy. This approach is built on battery electric, fuel cell electric and combustion engines that run on renewable fuels like green hydrogen (produced by splitting water into hydrogen and oxygen using renewable electricity), biogas (bio-LNG), biodiesel and HVO (hydrotreated vegetable oil).

[LINK](#) to high-resolution images

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Press images and films are available in the Volvo Trucks' Media Hub:
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Volvo Trucks supplies complete transport solutions for discerning professional customers with its full range of medium- and heavy-duty trucks. Customer support is provided via a global network of dealers with 2,200 service points in about 130 countries. Volvo trucks are assembled in 12 countries across the globe. In 2025 approximately 120,000 Volvo trucks were delivered worldwide. Volvo Trucks is part of the Volvo Group, 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. Volvo Trucks' work is based on the core values of quality, safety and environmental care.