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Commercial transport can be fossil-free by 2050

A comprehensive analysis undertaken by Scania, and reviewed by an external academic panel, shows that several pathways can be pursued. The analysis shows the viability of concurrent pathways. The research covers three transport segments: long haulage, distribution and city bus, and four countries: Sweden, Germany, China and the US.

Key conclusions for a fossil-free commercial transport by 2050:

- Smarter logistics: Carbon emissions can be cut by more than 20 % by optimising systems.
- Electrification: Battery electric vehicle growth constitutes the most efficient, quickest and cost-effective pathway in countries with the infrastructure potential to provide universal charging systems and non-fossil energy.
- Biofuel: Biofuels will initially offer an effective and viable pathway, taking advantage of traditional combustion engine technology. With maximum possible use of globally available biofuel supply, biofuel-based combustion engines can power one-fifth of vehicles in 2050.
- Fuel Cells: Since fuel cell vehicles will be more expensive, substantial growth for this pathway is expected to be later than for battery electric vehicles.

Source: Automotive World
https://www.automotiveworld.com/news-releases/scania-commercial-transport-can-fossil-free-2050/