

THE CONNECTIONS THAT WILL DRIVE COMMERCIAL VEHICLE TRANSFORMATION

In the modern automotive market, commercial vehicles (CVs) manufacturers are working hard to define their role and increase their capabilities to meet the demands of a volatile and changing environment. Electrification, reducing emissions and market pressures are all evolving questions, which require a holistic approach driven by new ideas and digital investment.



TRANSFORMATION IS IMPERATIVE



European truck manufacturers are committed to a **100%** transition to electric and hydrogen vehicles by **2040**¹



25% of EU freight journeys run with partial or empty loads, totaling **85 billion km**²



The global autonomous CV market is expected to grow 23.9% between 2021 and 2022³

A CONNECTED STORY **OF CHALLENGE AND OPPORTUNITY**



START HERE

Conflict on many fronts

The impact of war in Europe, the economic aftershocks of the pandemic and a rapidly changing climate are putting acute pressure on supply chains.

An imperative to reduce

emissions and inefficiency CV manufacturers and the wider supply chain must limit reliance on fossil fuels and scarce labor, through electrification and developing smart factories to increase automation.

An opportunity for manufacturers to rethink vehicle design

Electrification will usher in a new period of innovation, improving vehicle connectivity and incorporating CVs into new data-led operational models.



Infrastructure changes to accommodate sustainable vehicles

Charging and digital infrastructure must then be scaled up and connected across the supply chain, creating a platform for operational efficiency and smart decision making.

... is an opportunity for Commercial Vehicles to take on a new role in the global supply chain, as a connected, digital ecosystem.



Compounded downward pressure on demand, conditions and equality

Economic pressures impact the poorest the most, causing increased inequality and long-term economic difficulties.

Increases in economic efficiency and sustainable global growth

Cuts in waste and costs will increase market confidence and demand, combatting inflation and rebooting growth, protecting livelihoods and reducing inequality.



Expansion of data-led solutions beyond commercial transport

Efficiency and sustainability can inspire more connected thinking and system design in other areas like insurance or traffic control, boosting global performance.



Benefits to uptime and freight costs

More autonomous vehicles and betterconnected operations will help make routes more efficient and reduce labor costs and downtime.



Software-driven system thinking supports adoption of autonomous vehicles

As manufacturers and customers start seeing the benefits of automation, digital innovation can be widened to accelerate autonomous vehicle development.

A CONNECTED RESPONSE TO CONNECTED CHALLENGES

While CV manufacturers and their customers face a host of difficult, interconnected conditions today, they can be solved with a similarly connected response. By finding their place in a new global, digital ecosystem, CVs can grow new capabilities and deliver new areas of value for customers.

Capgemini has been a leader in Digital, Engineering and Transformation for over three decades. With an integrated, end-to-end approach, we can support every part of the organization to usher in a new era of connected, digital technologies and partnerships for CVs.

Together, we can make CV manufacturers the driving force behind new, sustainable transport networks, to cut emissions, secure livelihoods and shape our economy for the better.

TALK TO CAPGEMINI TODAY

We believe that the challenges facing CV manufacturers are not as disparate as they seem. With an interconnected response built on partnerships and innovation, the opportunity is there for CVs to define the strategy, business models, and transformational path needed for success.

Our new Commercial Vehicle Acceleration Hub (CVAH) can help you to connect with an evolving eTransportation ecosystem and take on a new role in the global economy.



Talk to our team today to find out how the CVAH can support your transformation.



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¹Source: <u>ACEA, The transition to zero-emission road freight transport, 2020</u> ²Source: <u>Brambles, Zero Waste World</u> ³Source: <u>The Business Research Company, Autonomous Commercial Vehicle Global Market Report 2022</u>