

**Press release**

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New whitepaper from UTA Edenred

# Electrification of truck fleets - The key to economic and ecological mobility in the transport sector

- **Heavy duty commercial vehicles contribute 25 percent of transportation sector CO<sub>2</sub> emissions in Europe**
- **Ecological friendliness as main motivator for fleet electrification; Total Cost of Ownership analysis reveals economic advantages of e-Trucks over combustion-engined equivalents**
- **Progress has been made expanding charging infrastructure across Europe, but more investment is required**
- **Whitepaper provides fleet managers and decision makers with actionable recommendations for the electrification of truck fleets**

**Kleinostheim, Germany** – Although they only account for two percent of the vehicles on Europe’s roads, trucks and busses represent the second largest source of CO<sub>2</sub> emissions in the transportation sector and are responsible for 25 percent of total CO<sub>2</sub> emissions from road traffic. The transportation and logistics sector thus has a critical role to play in reducing emissions and combating climate change.

The electrification of heavy commercial vehicles offers an effective lever for achieving greater sustainability in the transportation sector. According to a study by the International Council on Clean Transportation (ICCT), battery-powered electric trucks generate 63 percent less greenhouse gas emissions over their lifetime than trucks powered by conventional diesel. Indeed, as a market survey by UTA Edenred shows, environmental friendliness is by far the primary motivation for fleet managers to electrify their fleets.

**Drivers for the Use of Electric Vehicles in Companies**  
(From the perspective of fleet managers)

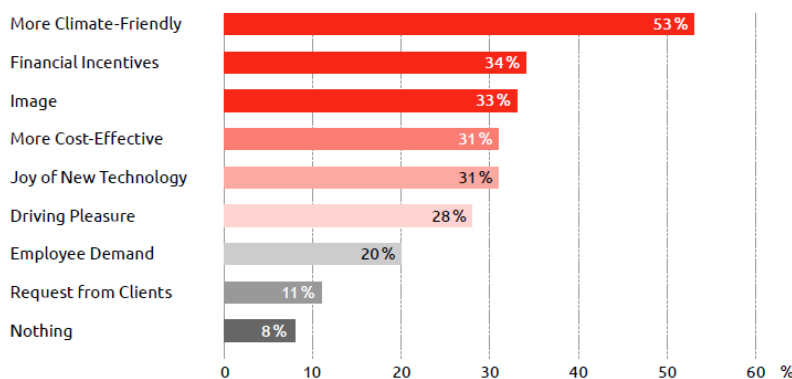


Image (© UTA Edenred): Climate friendliness as the major motivation for fleet managers to electrify their fleets. Source: UTA Edenred Market Survey (German)

### **Electric HGVs offer cost advantages**

For transportation and logistics companies, switching from combustion engine vehicle to a battery-powered equivalent is a challenge. However, facing up to this challenge is not only good for the environment, but it can be economically worthwhile as well, as a total cost of ownership (TCO) analysis shows.

Although the purchase price of an electric HGV is higher, their energy and maintenance costs are significantly lower – on average amounting to 0.057 euros per kilometre compared to 0.105 euros per kilometre for diesel trucks. This difference is primarily due to the simpler design of their motors, which feature fewer moving parts. At the same time, country-specific initiatives and incentives such as grants, subsidies and tax benefits make purchasing electric vehicles more attractive.

### **Charging infrastructure is expanding - but further development is required**

To drive forward the electrification of road transport in the EU, investments must be made in expanding the charging network. According to the European Automobile Manufacturers' Association (ACEA), approximately 10,000 to 15,000 high power public charging points are required by 2025. By 2030, 40,000 to 50,000 charging points will be needed, the majority of which offering more than 500 kW. According to the ACEA, 40,000 low power (100 kW) night charging stations along motorways will be needed to support electric trucks by 2030. However, the recent expansion of the European charging network is pointing in the right direction. The number of charging points in Europe suitable for electric trucks is now over 6,000 compared to approximately 3,600 charging points in the previous year.

### **UTA Edenred's commitment to electromobility**

UTA Edenred is actively involved in the expansion of electromobility across Europe and partners with a number of companies in this effort, including Milence – the joint venture between Daimler Truck, TRATON Group and Volvo Group that is dedicated to establishing a European fast-charging network for heavy electric trucks; and Spirii, a leading provider of EV charging platforms that is part of Edenred Group.

Together with Spirii, UTA Edenred offers UTA eCharge®. The comprehensive charging solution provides a 360° offer for light fleets including public charging at over 750,000 charging points plus home- and workplace charging and is now being expanded to a truck charging solution for on the road- and depot charging.

UTA Edenred is also helping to shape the future of the sector through its involvement in industry associations.

**Pierre Jalady, CEO of UTA Edenred and General Manager of Edenred Mobility EMEA, says:** "We see electromobility as a key component of sustainable transport and are supporting our customers in this transformation. Companies that electrify their truck fleets not only contribute to the realisation of EU climate targets but gain competitive advantages. We're paving the way for our customers to realise a cleaner and greener future."

### **New UTA Edenred whitepaper simplifies a complex topic**

In its new whitepaper, UTA Edenred examines the state of electromobility for commercial vehicles, including regulatory requirements, charging infrastructure and technologies, growth forecasts for e-trucks and the cost of e-trucks compared to combustion engine equivalents. An interview with a subject matter expert and actionable recommendations provide decision makers with everything they need to know about transitioning to electric fleets and their competitive and cost advantages.

### **Whitepaper available for download**

The '**Unlocking the Future of Transportation: Discover the First-Mover Advantages of EV Trucking**' whitepaper can be downloaded for free [HERE](#).



Image (© UTA Edenred): UTA Edenred's new whitepaper examines electromobility in the HGV segment across Europe

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**UNION TANK Eckstein GmbH & Co. KG (UTA Edenred)** is a leading European mobility service provider. With UTA Edenred acceptance media, commercial fleet operators of all sizes can access more than 85,000 acceptance points in 40 countries. They can enjoy benefits such as cash-free access to conventional and alternative fuels independent of brand; a comprehensive EV charging offer with a rapidly growing charging network for electric and hybrid vehicles; electronic toll settlement in 27 European countries; vehicle services such as breakdown, towing, repair, and cleaning; and VAT and fuel tax refunds through UTA Edenred's service provider partner. In addition, through UTA Edenred's digital platform, customers can access state-of-the-art software for fuel planning, fleet management and telematics as well as a digital fuel card for fast, convenient handling of refuelling via smartphone. In 2024 - for the fourth year running - UTA Edenred was voted "Best fuel card service provider for SMEs" (ranking by WirtschaftsWoche magazine/ServiceValue) and received the German B2B Award from the German Society for Consumer Studies. Founded in 1963 by Heinrich Eckstein, UTA Edenred is today part of Edenred SE.

For more information: [www.uta.com](http://www.uta.com)

**Edenred** is a leading digital platform for services and payments and the everyday companion for people at work, connecting 60 million users and 2 million partner merchants in 45 countries via close to 1 million corporate clients.

Edenred offers specific-purpose payment solutions for food (such as meal benefits), incentives (such as gift cards, employee engagement platforms), mobility (such as multi-energy, maintenance, toll, parking and commuter solutions) and corporate payments (such as virtual cards).

True to the Group's purpose, "Enrich connections. For good.", these solutions enhance users' well-being and purchasing power. They improve companies' attractiveness and efficiency, and vitalize the employment market and the local economy. They also foster access to healthier food, more environmentally friendly products and sustainable mobility.

Edenred's 12,000 employees are committed to making the world of work a connected ecosystem that is safer, more efficient and more responsible every day.

In 2023, thanks to its global technology assets, the Group managed €41 billion in business volume, primarily carried out via mobile applications, online platforms and cards.

Edenred is listed on the Euronext Paris stock exchange and included in the following indices: CAC 40, CAC 40 ESG, CAC Large 60, Euronext 100, Euronext Tech Leaders, FTSE4Good and MSCI Europe.

For more information: [www.edenred.com](http://www.edenred.com)

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