



Fact Sheet Milence, January 2025

1. Company Overview

Founding and purpose

Established in July 2022 as a joint venture between Daimler Truck, the TRATON GROUP, and the Volvo Group, Milence is dedicated to making the future of road transport fossil-free. Milence operates as an independent, stand-alone company with an initial funding of €500 million.

DAIMLER
TRUCK

TRATON

VOLVO

Mission

To accelerate & support the transition to zero-emission heavy-duty vehicles in Europe.

2. Strategic Goals

Network expansion

Milence plans to install and operate at least 1,700 high-performance green energy charge points across Europe by 2027.

Target markets

The initial focus will be on busy highways and TENT T corridors in 10 key markets: the Netherlands, Belgium, Germany, France, Sweden, Denmark, Italy, Spain, UK and Poland. When opportunities arise, Milence will also roll out its electric charging infrastructure in other parts of Europe.

3. Milence executive management team



Anja van Niersen
Chief Executive Officer



Roel Vissers
Chief Commercial Officer



Dennis Schoenmakers
Chief Network Officer



Andrea Hill
Chief People Officer



Eric Hol
Chief Information Officer



Wolfgang Brand
Chief Financial Officer



Maarten Jaspers
Chief Reliability Officer

4. Recent milestones

2023:

- Opening of the first Milence charging hub in Venlo, The Netherlands

2024:

- A total of 12 hubs are currently operational in the Netherlands, France, Belgium, Germany and Sweden. The hub in Belgium at the Port of Antwerp – Bruges is one of Europe's largest public charging hubs with 20 bays in operation.
- The opening of the hub in Italy is the thirteen to be operational. In 2024, Milence already has announced multiple new sites in the 10 key markets. More hubs and their planned opening are being announced in the coming months.

5. Charging network and technology

Milence's charging network prioritizes efficient, reliable access for heavy-duty electric vehicle operators across Europe. Our hubs are equipped with some of the highest power outputs available today, offering 400 kW through CCS chargers, with plans underway to incorporate megawatt charging capabilities. This next-generation technology will enable charging speeds of up to 1,000 kW, allowing long-haul trucks to be fully charged within 30 to 45 minutes.

Rest & recharge

Beyond vehicle charging, our hubs are designed to support drivers with thoughtfully planned amenities, providing a space to rest and recharge. This integrated approach aims to enhance the transition to sustainable transport by addressing the practical needs of both vehicles and their drivers.

European rollout

Milence will build the charging hubs ahead of the market and in line with demand. A data-driven approach is taken to manage this, adapting to the growth in the market. Milence also builds modularly: this means we will start with smaller hubs which are expanded as the number of electric trucks increases.

Pricing and payment

Milence charging hubs are open to all truck brands, with flexible payment options, an eMSP card or app and via direct payment using a bank card. The default fee is set at EUR 0.399 per kWh excluding VAT. For customers using an eMSP card, the provider sets the tariff and conditions, which may differ from Milence's standard recharging tariff.

6. Sustainability commitment

100% Renewable Energy: Milence aims to use fully renewable energy sources across all its hubs, working closely with local suppliers to minimize the carbon footprint of each hub.

Eco-Friendly Operations: Design considerations include features such as on-site battery storage to manage grid demand and ensure reliable power.

7. Future vision

Green Corridors Across Europe: Milence's "green corridor" strategy to support heavy-duty electric transport aligns with Europe's carbon reduction goals and aims to anticipate market needs by deploying one year ahead of demand.

Long-Term Growth: Strategic partnerships with hardware suppliers and renewable energy developers are expected to boost charging availability beyond the initial 1,700 charging points, meeting the rising demand from electric truck fleets.

8. Battery Electric Trucking | Long-haul trucks

Charging

Milence's network currently features high-performance Combined Charging System (CCS) chargers, delivering 300 to 400 kW of power to support efficient charging for heavy-duty electric vehicles. Looking ahead, the introduction of the Megawatt Charging System (MCS), expected in late 2024 or early 2025, will further enhance this capability by enabling 40-tonne trucks to achieve a full charge within the 45-minute breaks required under EU driving regulations.

Range and availability:

Heavy-duty battery-electric trucks are now widely available with ranges of up to 300-350 kilometres, effectively meeting the needs of urban distribution and regional haulage. Recent advancements have introduced models capable of long-haul operations, with ranges of approximately 500 to 800 kilometres per charge. Many of these long-haul electric trucks entered production in late 2024, with additional models expected by 2025. These developments highlight rapid progress in electrifying the heavy-duty trucking industry, making battery-electric trucks increasingly viable for both regional and long-distance transportation.

Costs (or Total Cost of Ownership):

Based on Milence's analyses, long-haul battery-electric trucks are projected to reach a lower Total Cost of Ownership (TCO) compared to diesel trucks by 2026. This shift will be driven by several key factors, including reductions in battery costs, improvements in charging infrastructure efficiency, and the comparative stability of electricity prices versus diesel fuel. Additionally, the TCO for electric trucks benefits from reduced maintenance requirements and lower operational costs due to fewer mechanical components and zero-emission incentives.

Energy efficiency

Battery-electric trucks are the most energy-efficient option for heavy-duty vehicles. As more and more industries and products are electrified, energy efficiency will be key. By storing electrical energy onboard, which is used to directly power an electric motor, battery electric trucks can achieve a source-to-wheel electrical efficiency of 70-80%.

Energy grid

On-site batteries at Milence charging stations will enable trucks to utilise stored green energy, reducing peak energy demand. In this way grid congestion can be reduced, balancing the demand and offering a pragmatic solution for the current grid congestion in many countries.

9. Facts about European road transport

Trucks account for nearly **80% of land freight transport in the EU**, with around **6.5 million trucks** currently in operation. In 2022, over half a million trucks were manufactured in the EU, while the average age of trucks on the road is 14.2 years.

([Source](#))

Approximately 3.45 million people are employed in the road freight transport sector.

([Source](#))

With more than **230,000 truck driver positions remaining unfilled** in Europe in 2023, the number is projected to soar to 745,000 due to retirements alone if significant action isn't taken. ([Source](#))

Enhancing the attractiveness of the truck driver profession is crucial, with a focus on better working conditions and increased accessibility to the profession. ([Source](#)) This includes measures such as **improving parking infrastructure**, facilitating access to training, and encouraging more women and young people to join the profession. ([Source](#))

The proportion of **female truck drivers in Europe** remains low, at approximately 6% as of 2023. This indicates a slight increase from the previously reported 3%, but the representation of women in the profession continues to be significantly below the overall transport industry average. ([Source](#))

10. Contact information

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