



Milence deploys its first Megawatt Charging System solution at the Port of Antwerp Bruges

- *The deployment of this cutting-edge technology and one of the first publicly available MCS charging solutions, marks a significant milestone in the electrification of road transport.*
- *Developed by Power Electronics, the high-power charging solution has undergone rigorous testing throughout 2024 and is now market-ready.*
- *This installation is a crucial step toward establishing Europe's first MCS corridor, accelerating the transition to electric trucking.*

Amsterdam, February 25 2025 – Milence, the joint venture between Daimler Truck, the TRATON GROUP, and Volvo Group, has successfully deployed its first Megawatt Charging System (MCS) solution at its hub located at Truck Parking Ketenis in the Port of Antwerp-Bruges. Two high-power chargers from Power Electronics, a global leader in the manufacturing of energy storage inverters, solar inverters, and electric mobility solutions, have been installed on two additional charging bays to revolutionise the future of electric trucking by drastically reducing charging times and increasing efficiency for long-distance transport. The charging hub now offers 22 charging bays, providing 4MW of CCS and 2.8MW of MCS charging capacity, making it one of the largest in Europe and a true landmark for electric freight - a perfect solution for Europe's second largest maritime port.

A game changer for the future of road transport

The Megawatt Charging System (MCS) is a newly defined standard for high-power charging, specifically developed to support the rapid expansion of electric trucks. Capable of delivering up to 3.75 megawatts (3,750 kilowatts) of DC power, MCS represents a transformative shift for the industry. The solution installed at the Port of Antwerp-Bruges has been rigorously tested throughout 2024 and is expected to reduce charging times by approximately 90%, enabling electric trucks to charge their batteries in 30 minutes. With a charging capacity of up to 1,440 kW (up to 1,500 A, 1,000 V), this new technology makes electric trucking a more reliable and efficient solution for long-haul transport.

Anja van Niersen, CEO of Milence, emphasized the significance of this milestone:

"This deployment represents a turning point for electric road transport. MCS technology is a key enabler for the widespread adoption of electric trucks, making long-haul transport a viable and sustainable option. By drastically reducing



charging times, we are breaking down one of the biggest barriers to electrification in freight transport. The future of road transport is electric and we are committed to leading this transition, not only by building Europe's largest public charging network, but also by ensuring we deliver a fast, reliable and seamless charging experience."

Building Europe's first MCS corridor

As part of its ambitious expansion plan, Milence is committed to establishing a robust network of megawatt charging points across Europe. By 2027, the company aims to deploy at least **284 MCS charging points across 71 locations in 10 EU member states** in line with the Alternative Fuels Infrastructure Facility (AFIF) call. The hub at Port of Antwerp Bruges is the starting point for one of the first corridors connecting Antwerp with Stockholm. "We are confident that that this development will not only support the transition to electric freight transport but also reinforce Europe's leadership in sustainable mobility solutions", **Anja van Niersen, concluded.**

Ensuring interoperability across the market

Milence is committed to providing seamless public charging solutions for heavy-duty electric vehicles and is working closely with industry partners to refine MCS technology and drive market adoption. The pilot truck was a prototype of the Mercedes-Benz eActros 600, tested in Valencia, Spain a while ago. Additional tests involving several truck brands will follow in the coming months.

Milence invites all truck manufacturers currently developing MCS-compatible vehicles to collaborate and test their models within the expanding network. By fostering industry-wide collaboration, the company aims to accelerate the adoption of electric trucks and create a seamless, efficient and sustainable charging ecosystem for the future of logistics.

About Milence

Milence is dedicated to making the future of road transport fossil-free. To realize this vision, Milence is building a reliable charging network for all battery-electric heavy-duty trucks and coaches, regardless of brand. By 2027, Milence aims to have at least 1,700 high-performance charging points across Europe. With an initial focus on 15 markets and operational hubs already open in several key locations, Milence is rapidly expanding its network to ensure that heavy-duty electric vehicles can operate seamlessly across the continent, supporting the transition to a sustainable and efficient transport system.

Established in July 2022 as a joint venture between Daimler Truck, the TRATON GROUP, and the Volvo Group, Milence operates as an independent, stand-alone company with an initial funding of €500 million.