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# MCS | Standardization, Technology & Innovation

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# MCS | Enabling The Sustainable Transport Revolution

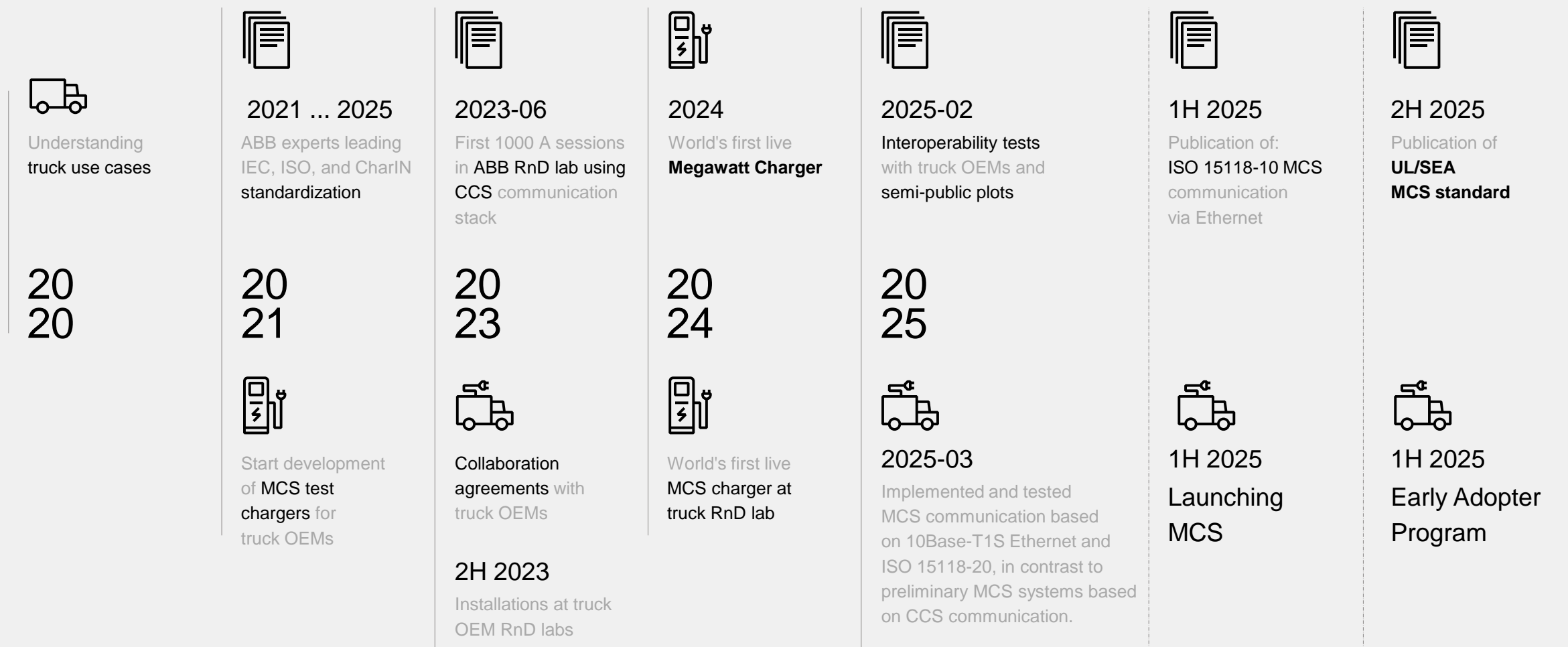
**30%** of CO2 emission in the mobility sector in Europe are caused by freight transport.

**No Alternative to Electrification**

**Transportation & Logistics** segment need MCS solutions for deliveries from A to B



# Standardization: 5-Year Journey to Enable MCS Charging



# Standardization Enables Innovation

Setting the standard for the future of  
megawatt charging to streamline  
innovation



## Double Wall Cabinet

The double-wall cabinet with dual-compartment cooling and thermal circulation protects power electronics from environmental elements, prolonging their life.



## Rotated Connector Holder

The connector holder is rotated at an angle to align the connector correctly with the truck inlet, eliminating torque from the cable.



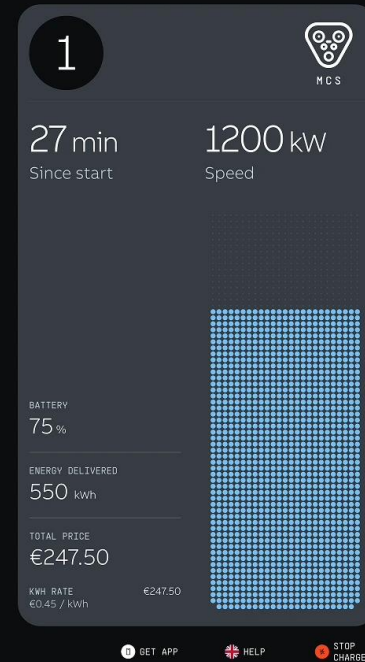
# Innovation Leads to Purposeful Design

Robust solutions purpose-built to deliver a superior user experience for heavy-duty fleets.



## Configurable Charge Post

The charge post is made for MCS charging sessions while providing flexibility with an optional CCS connector. Choose a single MCS connector or a dual configuration with CCS.



## Intuitive Interface

The central 21.5" HD touch screen is configured for single-outlet charging sessions, while 360° LED lighting indicates charger availability to drivers from the truck cab.

# Electrifying Transportation & Logistics with Megawatt Charging

## Superior Performance

- 1.2 MW of continuous power at 1500 A aligned with mandatory break dwell times
- 3x 400 kW power cabinets
- 10-year expected lifespan

## Purposeful Design

- Filed patents for charge post, connector holder, and double-wall cabinet
- Dedicated MCS charge post with an optional CCS connector
- Configurable touchpoints

## Reliable Energy Delivery

- Defines MCS protocols for reliable and scalable charging
- Interoperability tested with leading e-truck OEMs
- Power path from cabinet size to cable length is streamlined for MCS



# Smarter EV Infrastructure is More Service-friendly

Evolved Remote Servicing and Interoperability:

- Asset Management Platform
- Predictive Service Assignment
- Plug&Play component replacement





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