



Long-haul & regional
road transport

Static/logistical
infrastructure

MILENCE multi-point megawatt charging hub

Developed by :



Project by :



Funded by the
European Union

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Operational fields

Technologies

Solutions



MILENCE MULTI-POINT MEGAWATT CHARGING HUB

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Solution description

The first next generation safe and secure MDV-HDV charging hub

The secure, multi-point Megawatt Charging Station at Milence's site in Belgium is a charging hub equipped with the latest technological advancements by Power Electronics and designed to enable high throughput capacity, safety, reliability and scalability in limited space.

This high-power infrastructure will be the first one in Europe to feature an innovative robotic technology supplied by Rocsys for the autonomous plugging of the power cables, to improve the safety of operation in MCS hubs.



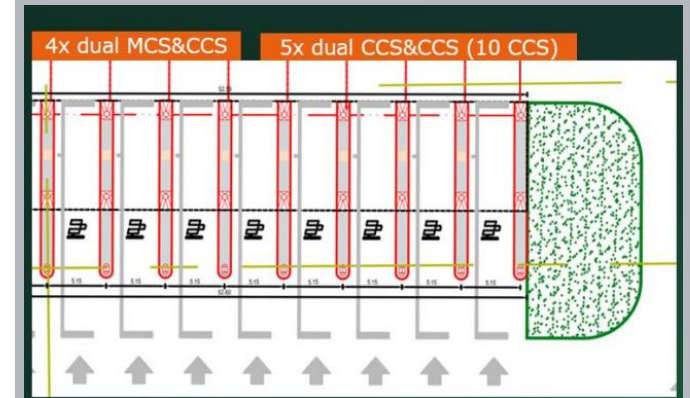
Benefits

- **Ultra-fast, high-capacity charging**
Up to 1.2 MW per MCS port enables rapid turnaround for both heavy-duty and medium-duty electric vehicles, minimizing downtime.
- **Multi-vehicle, multi-port flexibility**
Supports simultaneous charging of multiple vehicle types with 4 MCS and 14 CCS connectors
- **Safe, efficient and autonomous**
With seamless access control and equipped with robotized solution for autonomous plugging to reduce the time for establishing connection and ensure driver's resting time.

MACBETH

Main beneficiary:
CHARGING POINT OPERATORS

Pilot hub site layout overview
with 4 MCS + 14CCS



Technology readiness level : **8**
Implementation stage : **Pilot**

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Want to receive insights on
**business needs and Use
Cases** for ultra-fast
charging infrastructure?

Learn more about
Milence's charging station
at **Hall A6, Booth 231 !**



Watch the video
of the site **layout**
and **A/A design**

Would you like to know more?
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