

FIER Sustainable Mobility

ZE road freight projects

Smart Charging projects

Research and consultancy projects

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FIER's ZE road freight projects (examples)

Innovation implementation support

- Large grocery store used first electric MD rigid truck
- 22kW AC Charging
- With truck converter



eGLM

- 44t full electric tractor-trailer fleet in NL
- 50kW and 350kW DC charging



FREVUE

- First EU project on electric freight vehicles
- 22kW AC Charging
- With truck converter



ZEBRH

- Pilot project with 12 OEM trucks, multiple use cases
- 22kW, 50kW and 350kW charging



FIER's Smart Charging projects (examples)

Charging Energy Hubs

- 3 large pilots with private, public and semi-public charging energy hubs
- Including BESS, energy trading, robotic charging..



SCALE

- 29 Partner representing the V2G and V2X ecosystem in 13 use cases
- Scaling up to mass market deployment



AZED

- Pilot project with electric home delivery of grocery
- 60x 22kW AC, 6x 50kW DC chargers + 500kWh BESS + smart charging



HDV charging use cases

- Gaining lessons learned from supporting 2 companies with the realisation of HDV charging infrastructure. Resulting in input for plans of provinces on how to support similar organisations



FIER's Research and consultancy projects (examples)

Fleet transition Amsterdam Municipality

- Vehicle replacement planning
- Needed upgrades for charging infra
- Policy advice



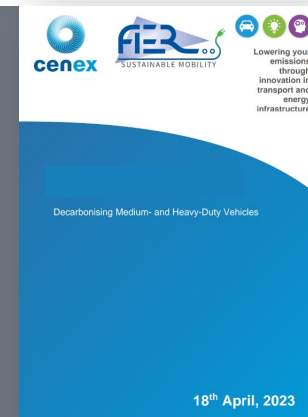
Charging Handbook for Transport Depots

- Step-by-step guidebook for transport operators
- Charging hub for e-trucks and e-vans



E-truck policy review and recommendation

- As input for national policy development
- Together with CENEX



Data usage for electrification of logistics

- Smart integration of data usage in charge hub and logistic planning
- Together with Panteia



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