This is Freightliner Electric Mobility

Daimler Truck North America / February 2023

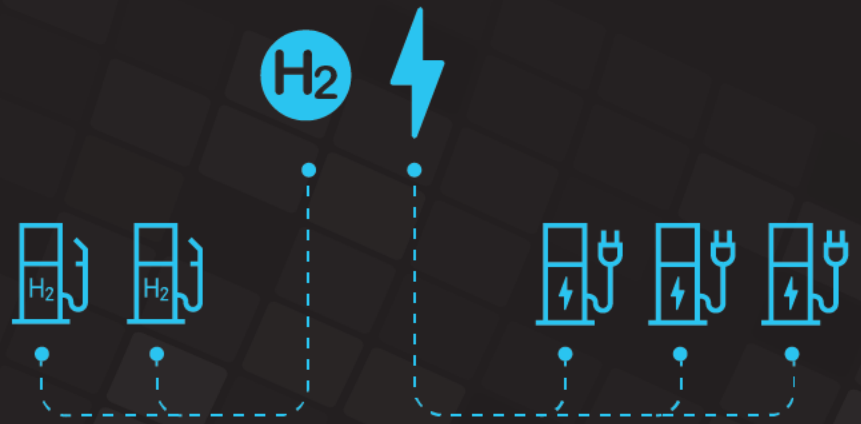
Successful transition of commercial vehicle industry requires an ecosystem approach

“Electric Island”: the First Public Charging Site for MD/HD Trucks in the U.S.

1 | CHALLENGE

Lack of a publicly available, nationwide electric charging infrastructure for commercial vehicles.

2 | MISSION



3 | COLLABORATION

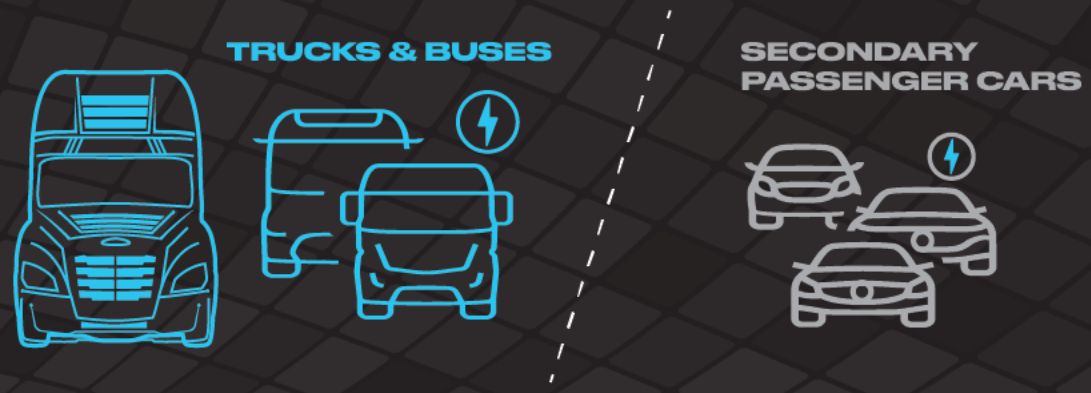
BlackRock

NEXTera ENERGY RESOURCES

DAIMLER TRUCK
North America

4 | FOCUS

Battery electric medium- and heavy-duty vehicles with option for light-duty vehicles.



5 | ROUTES

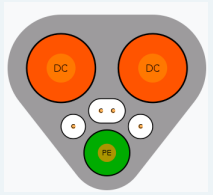
CCS1 is not capable of supporting commercial vehicles for the long-term, MCS is the future

DC Fast-charging in the US

CCS1

Standard among US and European manufacturers

Typical power: 50-350kW
Max power: 500 kW
Voltage: 200 – 1000 V
Max current: 500 A



MCS

Future standard for Commercial Vehicles

Typical power: TBD
Max power: 3,750 kW
Max voltage: 500 – 1,250 V
Max current: 3000 A

Any charging method must be:
- Standards based
- Robust
- Accessible to all manufacturers
- User friendly "*if it fits, it charges*"

The MCS standard is best positioned to provide the power and robustness required of the commercial vehicle space

Thank You!