



Wasserstoff-Lkw in der Logistik

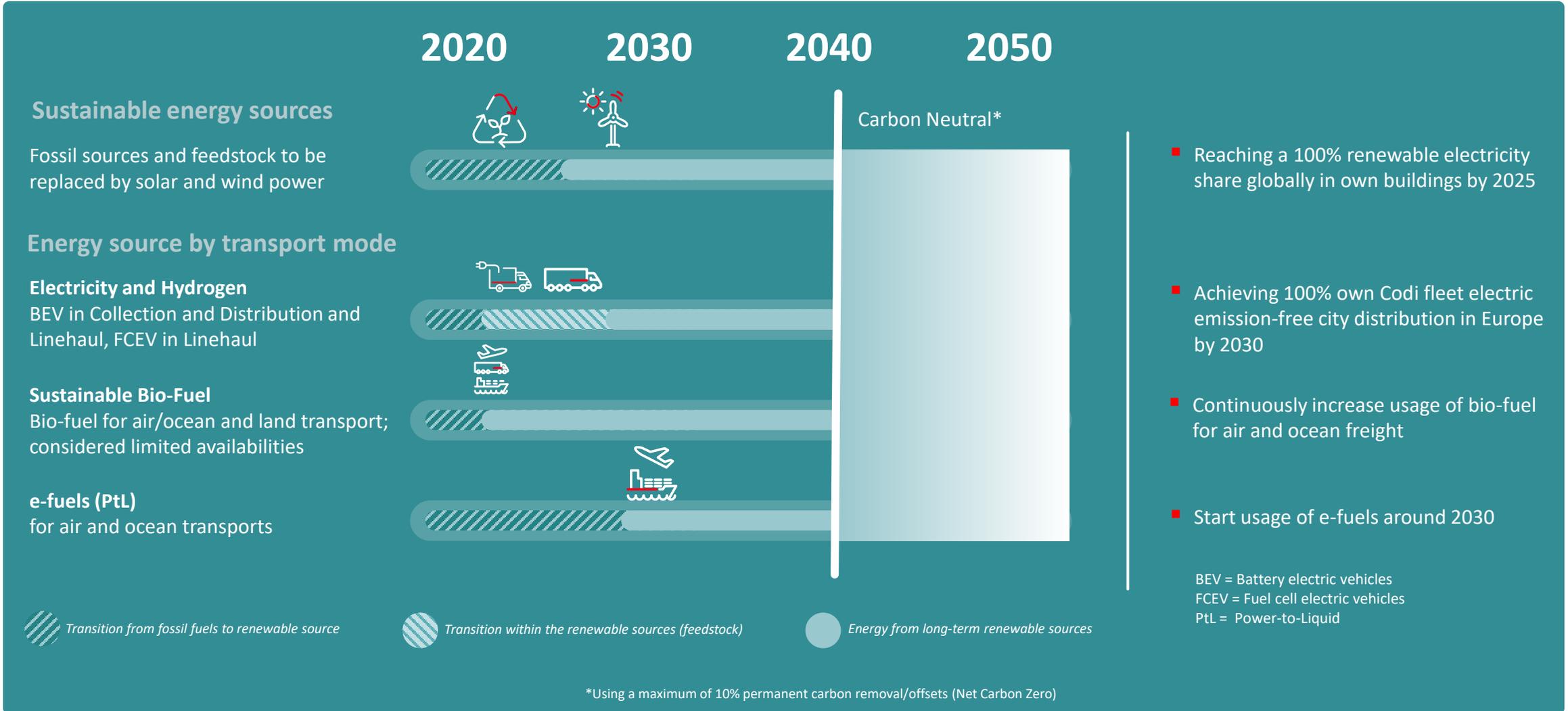
22. Brennstoffzellenforum

Schenker Deutschland AG | Sustainability | 18. Oktober 2023



Climate and Clean Air Commitment

Drive exit of fossil fuels of all modes of transport by 2040

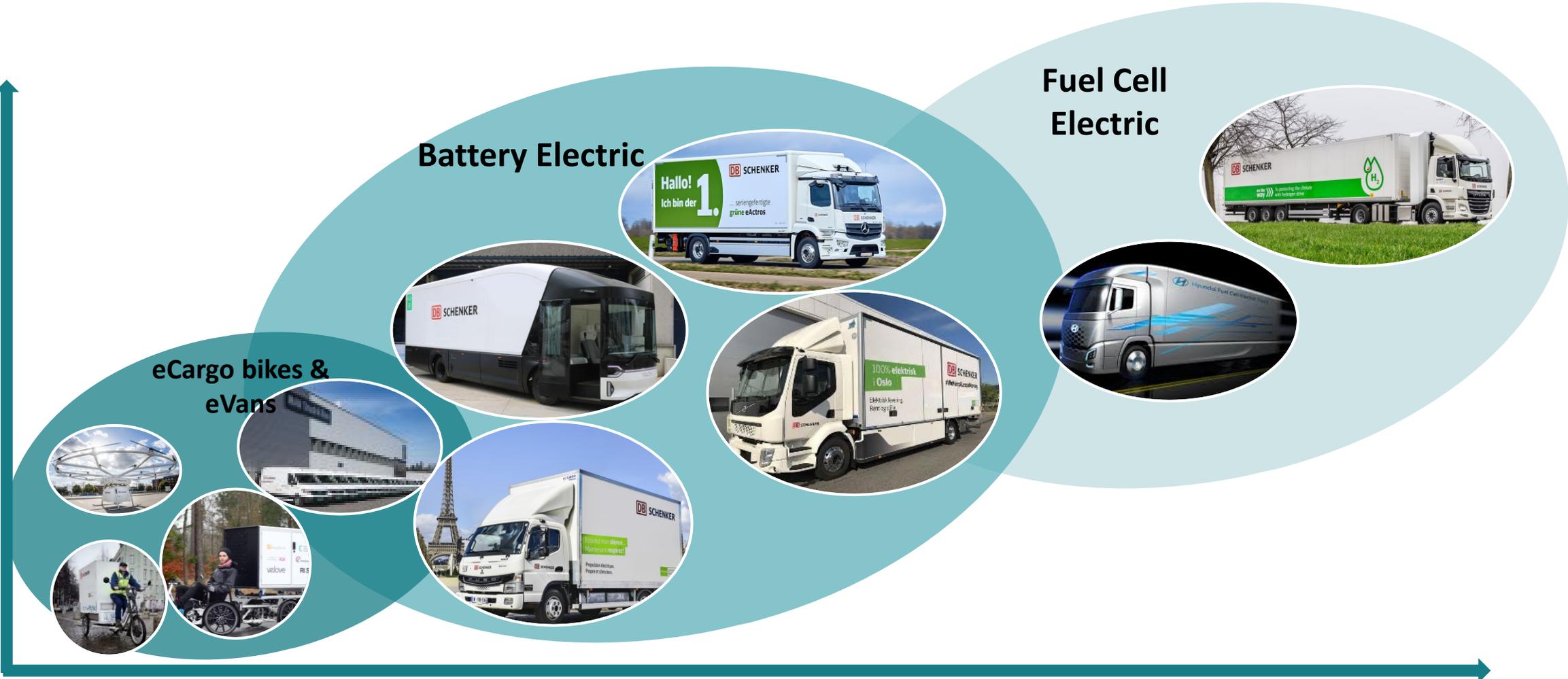


Electrified vehicle Approach

Battery vs Hydrogen



Vehicle size



Fuel Cell Electric

Battery Electric

eCargo bikes & eVans

Distance & Payload

Hydrogen-powered Trucks for heavy long-haul

An essential element of our decarbonization strategy

First hydrogen-powered truck operated by DB Schenker on the European network for daily service between Cologne (Germany) and Eupen (Belgium)



Features

- Powered by hydrogen*
- 10-20 minutes fueling time
- Range of 400-500 km
- 40-ton vehicle



Benefits

- Range and refueling process comparable with a diesel truck
- Low noise emission
- Higher payload compared to eTrucks

*Grey hydrogen as short-term solution for zero CO₂e Scope 1 emissions (direct release of climate-damaging gases in your own company). In the mid to long term green hydrogen will be implemented for zero Scope 1 & 3 CO₂e emissions (indirect release of climate-damaging gases in the upstream and downstream supply chain).

E-Mobility next level

100 new MAN eTrucks

The first vehicles are to be handed over in the second half of **2024**.

DB Schenker to be the first to adopt the new MAN eTruck



100 new MAN trucks to be added to the European fleet by **2026**.



2024

The first eTrucks will be **ultra-semitrailer tractors**. The reduced semitrailer height of around 950 mm makes it possible to transport volume trailers with an interior height of 3 meters electrically.



The other eTrucks are planned as **ultra-semitrailer tractors** and **swap body trucks**.



2025 - 2026

On The Way:

To Sustainable Logistics

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