

Heavy Transport Decarbonisation



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Our fleet

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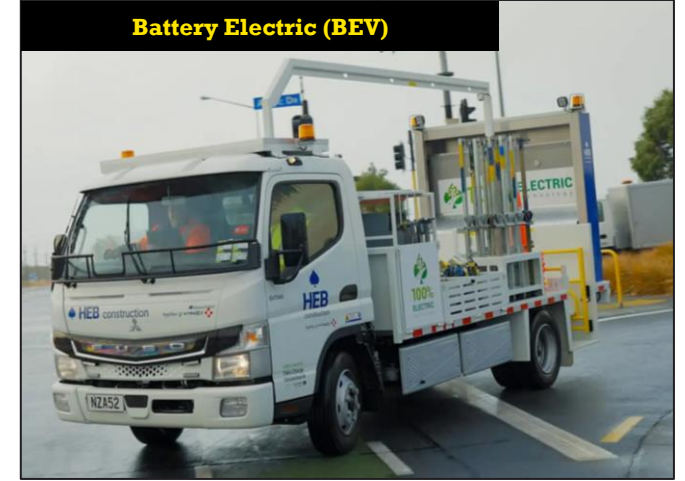
Euro 6 emission trucks



Hybrid lower emission trucks



Battery Electric (BEV)



Hydrogen fuel cell (FCEV)



Hydrogen dual fuel



But there's more!

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E trailers



Training



Low and Zero options

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Dual Fuel

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Fuel Cell Electric (FCEV)

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Fuel Cell Electric (FCEV)

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Karin Rådström  • Following

CEO of Daimler Truck AG

1mo • Edited • 



For some reason - posts about hydrogen always stir up emotions. I think hydrogen (not "instead of" but "in parallel to" electric) plays a role in the decarbonization of heavy duty transport in Europe for three reasons:

1. If we would go "electric only" we need to get the electric grid to a level where we can build enough charging stations for the 6 million trucks in Europe. It will take many years and be incredibly expensive. A hydrogen infrastructure in parallel will be less expensive and you don't need a grid connection to build it, putting 2000 H2 stations in Europe is relatively easy.
2. Europe will rely on import of energy, ...more



Fuel Cell Electric (FCEV)

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Toyota's Hino to Launch
Japan's First Commercial Fuel
Cell Truck

By Fuel Cells Works
September 18, 2025 at 11:27 AM EDT

Listen 1:25



Battery Electric

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Case Study

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TOTAL COST OF OWNERSHIP

TCO ICEBERG MODEL

↑
**TRADITIONAL COST
FOCUS**
↓

↑
**ALL-IN-COST
FOCUS TCO**
↓

**PURCHASE PRICE
SUPPLIER COSTS
PRODUCT DEVELOPMENT COSTS**

**PERFORMANCE PROBLEMS
EQUIPMENT SERVICE CALLS
DISPOSAL
TRAINING**

**REPAIR/REWORK
MAINTENANCE
LEGAL
HIGH INVENTORY
ADMINISTRATION**

**LOGISTICS
DISPOSAL
SUPPLY DISRUPTION**



Charging

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Dual gun charging on a Deepway at BP Papakura. Unfortunately dual gun here means 1/2 plus 1/2 as the chargers are too far apart to use two. Nice and stable though

[Etrucks® New Zealand DeepWay BEV Truck bp](#)



Scaling up

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The charging hub will include 22 dual port chargers integrated with smart charging software and a stationary battery mode from second-life EV batteries.

Electric vehicle, EV, New trucks, News, Zero emissions

Work begins on \$19 million electric truck charging hub in Sydney



STAFF WRITER

October 7, 2024, 11:17 am



The charging hub will include 22 dual port chargers. Image: Zenobé

A new \$19 million truck charging hub is being constructed in the Sydney suburb of Mascot.

Technology

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**CREATING A SUSTAINABLE
TRANSPORT FUTURE TODAY**