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Future Freight Energy Hubs



QTLC Comments

A word from FFEH's founding organisation

This edition we're recapping key observations from truck electrification events over the last few months and sharing details of our first bus tour on heavy vehicle electrification in Brisbane depots for you (and it's not too late to register).

Winter brought several flagship events for those of us keenly watching the clean truck market. FFEH got reports from people on the ground in the US at the Advanced Clean Transportation Expo in late April, the Brisbane Truck Show in late May, and in the Netherlands for the Global MoU Summit on zero emission trucks in early June.

These markets are taking quite different approaches to tackling zero emission fuels and technologies. The change of administration in the US has seen a shift away from regulation and keeping all fuel options open, while the EU is converging on electric trucks. While we tend to lag these two leading markets, Australia is in a great position to benefit from the best products from around the world. Indeed, the emergence of several new Chinese truck brands in Australia – by far the most advanced source market in terms of zero emission technologies – means we might end up not that far behind the US and the EU in a few years.

This next month sees the FFEH program disseminate more practical information via our sixth newsletter, and if you're interested in seeing what freight electrification looks like in a transport depot, book your spot now for a bus tour of electric truck charging infrastructure around Brisbane, click on the image below for details.

Lauren

FEATURE: ACT EXPO

The Advanced Clean Transportation (ACT) Expo is North America's largest event for commercial transportation.

Focused on advancing sustainable, efficient, and profitable fleet operations, key vehicle technologies and fuels showcased at ACT Expo 2025 include battery-electric, hydrogen fuel cell, renewable diesel and gas, and autonomous & connected vehicle technologies.

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FEATURE: BRISBANE TRUCK SHOW

For over 50 years, the Brisbane Truck Show has showcased the latest advances in trucks, trailers, components, equipment and technology for heavy vehicles.



A record-breaking 54,790 attendees saw global truck debuts, cutting-edge Euro6, zero-emission and fuel-cell models, AI-driven telematics, heritage rigs and careers hubs—all underscoring the industry's innovation in what is a truly world-class event.

The local scene: Brisbane Truck Show

The Brisbane Truck Show 2025 is the highlight in the Australian truck industry calendar that just because it only comes around every second year, but having everything under one roof means it's a must-see event for everyone involved in the industry. It's a chance to see the latest and greatest in truck technology and to connect with industry leaders.

Electric Momentum Builds

- **DAF** unveiled its new **XE Electric**, a medium-duty truck designed for urban and regional deliveries. With a claimed range of 200km and DC fast charging from 20% to 80% in a lunch-friendly 40 minutes, this model opens EV suitability into more regional and heavier segments.
- **Iveco** showed its new **T5 200 EV** which is currently on trial in Australia. A high-duty model with a 7,500kg GVW, its 200kWh battery suggests a real-world range of up to 200km in mostly urban applications.
- **Mercedes-Benz Trucks** rolled out its full electric lineup, including the **eActros** and **eEconic** (photo below). These incorporate a dedicated e-axle for better efficiency and range, with the eActros tailored for waste collection and other urban applications, and the eEconic suited to a broad spread of heavier right and prime mover applications. A new aerodynamically optimised ProCabin on the eActros helps it achieve up to 200km range at the upper end.
- **Foxe** returned with its second generation **eCenter**, now boasting a sleek layout and up to 200km range with the bigger battery options. With 14 variants from 4.5t to 8.5t GVW, there's sure to be a spec to suit most customers.
- **Isuzu** showed off its **eCanly**, now available for purchase in Australia. Making out at 7.2t GVW with up to 160kWh of battery capacity, it offers a range up to 200km, has electric PTO up to 15kW, and an option to include an loader or tilt-trunk. It could set out a large number of diesel customers from both the van and light truck segments.
- **Volvo** brought to its Electric Day (photo below) and the new **FME Electric**, a rugged model targeting rough off-road and construction applications. With 145kWh of battery power channelled to three electric motors, this model expands the capability of electric trucks into more challenging missions.
- **Windness**, a newcomer from China, made waves with its futuristic long-haul electric prime mover (photo below). Featuring a massive 720kWh battery and a claimed 870km range, it's currently undergoing trials in Australia's hilly terrain and is double-certified for potential availability in 2026.



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FEATURE: GLOBAL MOU SUMMIT

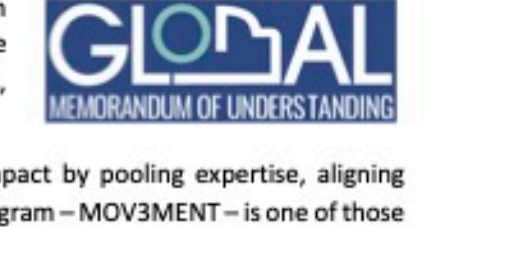
The Drive to Zero program unites a community of countries, sub-national governments and industry partners around the ambition to achieve 100% zero-emission new truck and bus sales by 2040.

Its Global Memorandum of Understanding commits signatories and endorsers to working together to meet its goals, and they gathered in the Netherlands at this year's summit to share lessons on policy, infrastructure, technology, and finance from leading players in the transition.

Global MOU Summit 2025

The Drive to Zero™ program works with government and industry partners to accelerate the decarbonisation of commercial vehicles through global collaboration. In June 2025, signatories and endorsers of its Global Memorandum of Understanding met in the Netherlands to exchange knowledge and support transformative action.

Drive to Zero
The Global MOU sets an ambitious goal to decarbonise road freight: 30% of registration sales for city trucks sales to be zero-emission by 2030 and 100% by 2040, worldwide. So far, 40 countries have signed up, committing to develop policies to achieve its aims, along with more than 250 end-users that include sub-national governments, such as the Australian Capital Territory, truck manufacturers, fleets, suppliers, energy & infrastructure providers and knowledge partners.



The 2025 Summit brought these stakeholders together to amplify impact by pooling expertise, aligning strategies and sharing coordinated action. QTLC's partner in the FFEH program – MOVEMENT – is one of those endorsed and on-the-ground in the Netherlands to participate.

Electrifying European Freight
Zero-emission truck (ZEV) sales are soaring in Europe, and the Netherlands is leading the way. In the last 12 months, sales of new ZEVs over 12 tonnes grew by 29% of the market, driven by a mix of low-emission zones, purchase incentives, and education services for fleet fleets, with over 200 battery-electric truck models in series production and total cost of ownership (TCO) parity being achieved in many use cases, some European fleets say they have brought their last diesel truck.



The Summit offers at least three important messages for Australia, explained below.

[Click Here to read the full article](#)

Next Event 28 August 2025

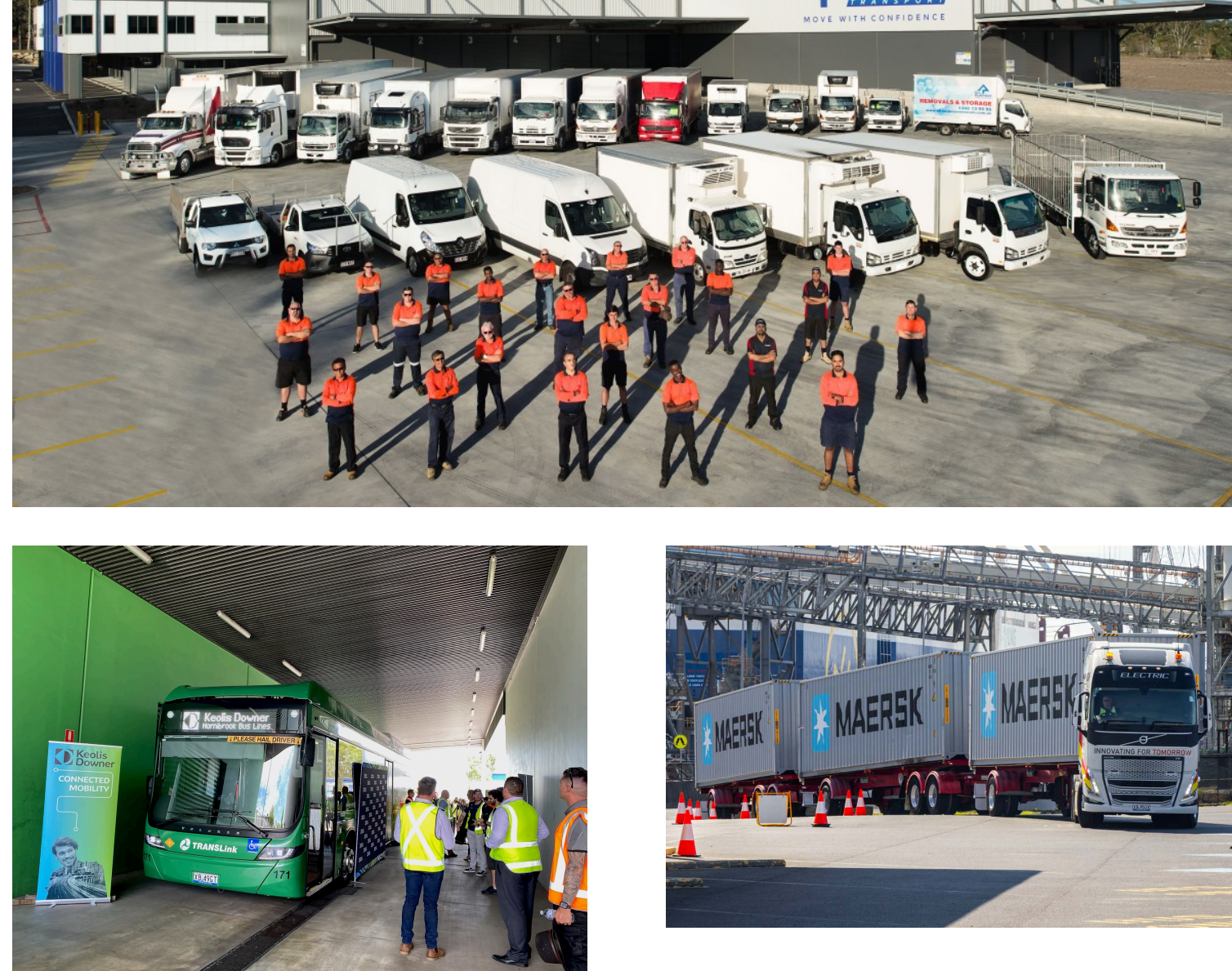
QTLC is pleased to announce a first – in response to your feedback that you wanted to see truck electrification (warts and all) in operation, we've secured access to the pioneers in heavy-vehicle electrification for a one-day bus tour. This is part of our aim to showcase decarb solutions in practical applications in your preferred manner (a good-old sticky beak).

Discover how Brisbane heavy vehicle fleets are powering the future of freight logistics!

This guided bus tour offers a behind-the-scenes look at three leading electric truck and bus depot charging facilities. See real-world charging infrastructure in action and hear from local operators about their experiences integrating electric models into their fleets.

Seats are limited - book now: [\[Freight Forward: Depot Electrification Insights Tour Tickets - Thu 28/08/2025 at 9:00 am\] Eventbrite](#)

Thursday 28 August, 9:00am - 4:00pm.



News & Resources

Keep up to date with the latest thought leadership with a selection of what we've been reading

- Volvo to build the first-ever Australian-made heavy electric trucks in Wacol, Brisbane, after a [record breaking order](#) from Linfox.
- Sales of zero-emission trucks are [soaring in Europe](#), rising by 50% in Q1 in 2025, even as overall truck sales dipped.
- A [new report](#) by the International Council on Clean Transportation finds that battery electric heavy-duty trucks could be cheaper to own and operate than diesel counterparts across major vehicle types by 2030 in much of the United States.
- The [Australian Capital Territory](#) becomes the first Australian government signatory of Drive to Zero's Global Memorandum of Understanding to accelerate adoption of zero-emission medium- and heavy-duty vehicles.
- In its [Global EV Outlook 2025](#), the International Energy Agency reports that since 2020, battery prices for battery-electric trucks have dropped 30%, enabling manufacturers to extend driving range at minimal cost, with further increases in energy density and capacity expected by 2030.

Upcoming Events

Get out your diary!

- Check out these freight and energy events scheduled for the months
- 28 August: [QTLC Depot Electrification Tour](#) (Brisbane)
 - 9 September: [Smart Energy Queensland](#) (Royal ICC, Brisbane)
 - 12 September: [NatBoard Connect](#) (Shepparton VIC)
 - 16 September: [Industrial Net Zero Conference](#) (Sydney)

QTLC QUEENSLAND TRANSPORT AND LOGISTICS COUNCIL

In conjunction with

