



H2 Future Mobility Is Now

- Heavy Vehicle Trials

February 2024



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H2 Future Mobility is Now

Port Kembla is at the **forefront** of the **hydrogen powered** transition to **zero emissions** heavy vehicles in Australia.

Enabled by the opening of the [Coregas H2Station](#) in **July 2023** a range of **heavy vehicle trials** can now be undertaken.

This document provides details on these **important technology demonstration** projects. **Trials #1** and **#2** are **operational** with other trials expected to commence during **2024**.



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Regular **H2 Future Mobility Day** events are held to showcase **FCEV** and **H2ICE zero emissions technologies** used in the trials.

These **Future Mobility** events help **inform fleet operators** and **key stakeholders** about the **respective benefits** of these **zero emissions technologies**.

H2 Training + Safety Day events featuring **TAFE NSW**, **Fire and Rescue NSW** and **heavy vehicle OEMs** ensure a **robust regime of risk management** and **skills development** is in place.

These **training and safety regimes** are of **paramount importance** to support the deployment of **hydrogen refuelling infrastructure** and **heavy vehicles**.

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Fleet Operator: [Remondis](#)
Commence: October 2023
Vehicle OEM: [Hyzon](#)
Model: [Hyzon Refuse Truck](#)
Vehicles: 1
Powertrain: Fuel Cell Electric
Fuel Cell OEM: [Hyzon](#)
Configuration: 6 x 4
H2 Storage: 25kg
Bin Lifts: 1,200/shift
Range: 200kms
FC Power: 110kw
Tank Pressure: 350 bar
HRS: [Coregas H2Station](#)
Refuelling: 15 minutes
GVM: 22.5 tonnes

TRIAL #1
HYZON FCEV REFUSE TRUCK



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Fleet Operator: [Premier Illawarra](#)
Commence: December 2023
Duration: 6 + 6 Month option
Vehicle OEM: [ARCC](#)
Model: ARCC Hydrogen
Vehicles: 1
Powertrain: Fuel Cell Electric
Fuel Cell OEM: Ballard
Configuration: 4 x 2
H2 Storage: 32kg
Range: 450kms
FC Power: 70kw
Tank Pressure: 350 bar
HRS: [Coregas H2Station](#)
Refuelling: 20 minutes
GVM: 16.0 tonnes



TRIAL #2
ARCC FCEV CITY BUS

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