

- Heavy Vehicle Trials

February 2024





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**.

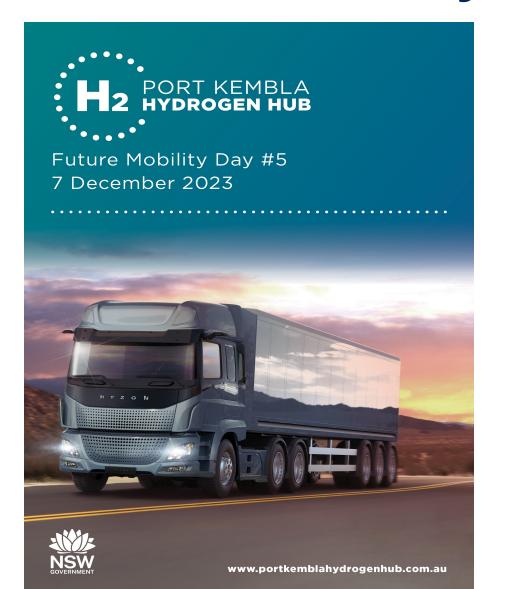
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Coregas launches
Australia's first
hydrogen refuelling
station for heavy
transport vehicles









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.



Fleet Operator: Remondis

Commence: October 2023

Vehicle OEM: <u>Hyzon</u>

Model: <u>Hyzon Refuse Truck</u>

Vehicles: 1

Powertrain: Fuel Cell Electric

Fuel Cell OEM: <u>Hyzon</u>

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





Fleet Operator: Premier Illawarra

Commence: December 2023

Duration: 6 + 6 Month option

ARCC Vehicle OEM:

ARCC Hydrogen Model:

Vehicles:

Powertrain: Fuel Cell Electric

Fuel Cell OEM: Ballard

Configuration: 4 x 2

H2 Storage: 32kg

Range: 450kms

FC Power: 70kw

Tank Pressure: 350 bar

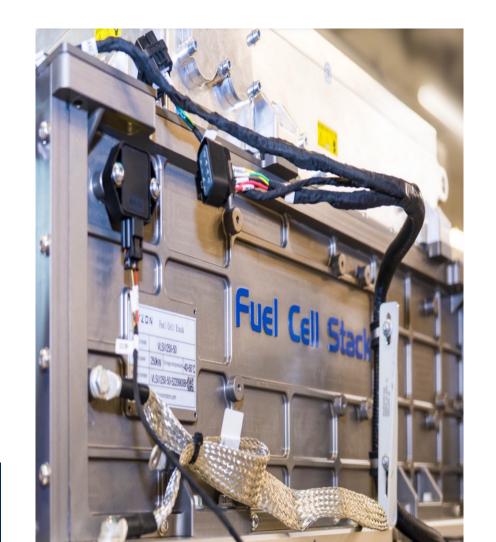
Coregas H2Station HRS:

Refuelling: 20 minutes

GVM: 16.0 tonnes







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