

## Press Release

# REMONDIS Australia puts zero-emission hydrogen powered waste collection truck to commercial use

**Melbourne, 3 May 2023, REMONDIS Australia** – REMONDIS Australia will trial one of the world's first zero-emission waste collection trucks as part of its commercial operations.

The trial of the hydrogen-powered truck could be the precursor for a major roll-out of zero-emission heavy vehicles across REMONDIS' global network and be a catalyst for other fleet businesses to follow suit.

Developed by Hyzon Motors ANZ (Hyzon) in Australia and made available to REMONDIS under an agreement announced in Melbourne, the truck's fuel cell electric engine relies on hydrogen funnelled from specially made tanks, which combines with air to generate electricity that powers the truck.

The Fuel Cell Electric Vehicle (FCEV) technology only results in water vapour emissions.

The truck is scheduled to be trialled in the Illawarra region of New South Wales from mid-2023, the first time such a truck has been trialled under commercial conditions in Australia.

"REMONDIS committing to this trial is a watershed moment as countries around the world try to shift to zero-emission transport outcomes," REMONDIS Australia Chairman **Björn Becker** said.

"It is a big step to invest in putting a zero-emission waste collection truck to the test in a commercial setting.

"Although we can't pre-empt the trial outcomes, we've certainly placed a stake in the zero-emission space.

"A best-case scenario could be gradually replacing our global diesel-powered trucks with zero-emission trucks, which could set the scene for other companies to do the same. At the very least we'll collect unprecedented information about what it takes to get closer to fleet decarbonisation."

REMONDIS NSW South Coast Region Manager **Chris Wade** said the goal was to have the zero-emission truck match the capabilities of same-sized diesel-powered trucks.

"Efficiency is critical when it comes to waste collection, so we'll be paying close attention to how the truck performs compared to our diesel trucks," Mr Wade said.

Mr Wade added that refuelling will be conducted at the Coregas facility at Port Kembla and is expected to take about 20 minutes.

Hyzon's heavy-duty garbage truck has been designed against the industry benchmark of a 200-kilometre range and 1,500 bin lifts per working day.

Last year Hyzon announced the development of Australia's first purpose-built assembly plant in Melbourne's South-East to manufacture hydrogen-powered trucks, including this one.

Hyzon President of International Operations **John Edgley** said the trial was an Australian home-grown success story.

"It speaks volumes that REMONDIS, a global leader in the circular economy, has taken the lead by putting a zero-emission waste collection truck into commercial operation," Mr Edgley said.

"This particular truck – which we call our Heavy Rigid truck – has been developed in Australia as a global platform. It is adaptable for international markets with a multitude of vehicle use cases such as garbage compactors, tilt trays and flatbed trucks."

The truck has been developed in partnership with Superior Pak, Australia's leading manufacturer of world class mobile waste collection and compaction equipment.

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**REMONDIS** is one of the world's leading privately run recycling, service and water companies with around 1,000 business locations in over 30 countries and across four continents. Founded in 1934, this family-run business employs more than 47,000 people and generates a turnover of € 12.6 billion (2022). Each year, it processes about 30 million tons of recyclable materials and provides services for local authorities, small and medium-sized businesses and industrial firms as well as for around 30 million people. Operating in many different fields of business, REMONDIS makes an important contribution towards protecting the environment and conserving natural resources – from recovering valuable raw materials from industrial and household waste, to producing high quality recycled raw materials, all the way through to transforming non-recyclable materials into a range of different fuels. Moreover, the company is increasingly helping to advance the switch from fossil fuels to renewables by using biomass as a source of energy. REMONDIS sees itself as an adviser and point of contact for industrial, commercial and retail businesses as well as for local authorities as it helps them to find regional and bespoke solutions. **REMONDIS Australia** commenced operations in 1982 and now has 1,100 employees servicing more than 24,000 customers nationally.

**Hyzon** is a global supplier in fuel cell electric mobility, with US operations in the Rochester, Chicago and Detroit areas, and international operations in the Netherlands, Australia, and China. Hyzon is an energy transition accelerator and technology innovator, providing end-to-

end solutions in the transport sector with a focus on commercial vehicles and hydrogen supply infrastructure. Utilizing its proven and proprietary hydrogen fuel cell technology, Hyzon aims to supply zero-emission heavy duty trucks and buses to customers in North America, Europe and around the world to mitigate emissions from diesel transportation, which is one of the single largest sources of carbon emissions globally. The Company is contributing to the escalating adoption of fuel cell electric vehicles through its demonstrated technology advantage, leading fuel cell performance and history of rapid innovation. Visit [www.hyzonmotors.com](http://www.hyzonmotors.com)

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