



MEDIA RELEASE

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Pacific Energy commissions Australia's first fast H2 refueller for CSIRO

Pacific Energy's hydrogen subsidiary, ENGV, has delivered Australia's first SimpleFuel Fast hydrogen refuelling system (HRS) for CSIRO, Australia's national science agency, and Swinburne University of Technology's Victorian Hydrogen Hub (VH2).

The HRS, delivered in collaboration with technology manufacturer PDC Machines-Ivys, has been purpose-built for hydrogen research at CSIRO's Clayton campus in Victoria and will be used to demonstrate hydrogen's utility for transport.

The SimpleFuel Fast system, designed to refuel a fleet of up to 25 fuel cell electric vehicles (FCEVs) weekly, incorporates inbuilt electrolysis and green hydrogen production capabilities that can generate up to 20kg of emissions-free gas per day, plus compression, up to 80kg storage, and dispensing facilities.

ENGV, one of Australia's pioneering hydrogen systems and technology providers, played a crucial role in the design, supply, installation, and commissioning of the refuelling station.

Sean Blythe, ENGV's Managing Director, said being able to demonstrate the capabilities of this critical renewable energy technology was an exciting milestone for the sector, and one the company was proud to be a part of.

"This state-of-the-art facility will provide hydrogen refuelling for CSIRO's hydrogen fuel cell vehicles so it can demonstrate the real-world application of hydrogen as a transport fuel and enable further research into this promising technology," Mr Blythe said.

"As we've shown, this innovative system can be installed on a compact footprint, making it a viable future replacement for traditional fuelling infrastructure as the transport sector transitions to decarbonised energy sources," he said.

"These are some of the practical considerations we need to factor in as we develop our nation's hydrogen ecosystem and drive innovation in the space, so green hydrogen truly can become a feasible, clean energy fuelling option."

ENGV delivered Australia's first public hydrogen refuelling station in Canberra for ActewAGL in 2020 and has been involved in delivering numerous systems and technologies to the Australian market since.

ENGV and its parent company, Pacific Energy, have been widely recognised for their hydrogen systems expertise, which has resulted in a recent Memorandum of Understanding (MOU) with Ampol, Hyundai, and Toyota. This collaboration aims to jointly develop hydrogen refuelling infrastructure, initially in the Australian Capital Territory (ACT), with the ultimate goal of making hydrogen a viable transport fuel nationally.

The completion of Australia's first SimpleFuel Fast hydrogen refuelling system represents a significant step forward in the country's clean energy transition and aligns with CSIRO's Hydrogen Industry Mission, which aims to support the development of Australia's clean hydrogen industry.

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About Pacific Energy

Pacific Energy is an Australian market leader in the provision of sustainable distributed energy, operating for over four decades, with owned-and-operated assets at 47 sites nationally and more than 750MW of contracted capacity under management.

A trusted partner at the forefront of the clean energy transition, Pacific Energy is uniquely positioned to offer clients a complete in-house experience that delivers renewable and traditional power generation solutions from design, manufacturing and construction through to commissioning and operations and maintenance.

With unrivalled capability across all energy technologies, Pacific Energy has demonstrated experience integrating solar, wind, green hydrogen and battery energy storage into new and existing remote power systems, with an end goal to maximise efficiencies and minimise emissions.

Pacific Energy is headquartered in Perth, Western Australia and has operations in Kalgoorlie, Victoria, Queensland, South Australia and the Northern Territory. It is owned by QIC, a globally diversified investment manager with more than A\$100 billion in funds under management.

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