

## Transcript



Title: Hydrogen Refuelling Station  
Creator: Swinburne University of Technology  
Year: 2024

Audio/video for this transcript available from: <http://commons.swinburne.edu.au>

NARRATOR: Australia is investing in hydrogen for transport as a potentially zero emission fuel in line with the government's pledge to reach net zero by 2050.

Hydrogen fuelled vehicles have a greater range than electric vehicles and refuel much faster. The only thing that comes out of the tailpipe is water.

The CSIRO has built a green hydrogen refuelling station at its research facility in Clayton, Victoria as part of the Victorian Hydrogen Hub led by Swinburne University of Technology.

The hydrogen in our refuelling station is produced using electricity from renewable sources such as solar or wind, so there are no emissions from hydrogen production either. The refueller is capable of refuelling vehicles at 700 bar and can generate 20 kilograms per day of hydrogen with storage capacity of 80 kilograms.

The refuelling station is part of the Swinburne led Victorian Hydrogen Hub and sits alongside CSIRO's Hydrogen Technology Demonstration Facility, which can be used by researchers and industry to test new technologies.

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