

Hydrogen production and associated activities

Dubbo



Location snapshot



Well-connected
by road, rail and air



**Within Central-
West Orana REZ**
providing access to
renewable energy



Access
to potential customers
across several sectors



Large and qualified
Workforce



Plentiful
and secure water
supply

Ideal conditions

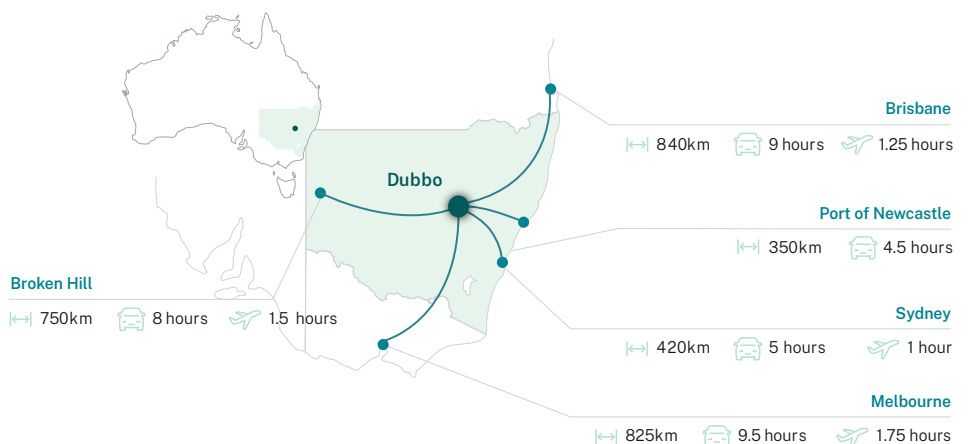
Dubbo's location within the Central-West Orana Renewable Energy Zone (REZ), connection to road and rail networks, interest from large-scale local companies to decarbonising and plentiful water supply provide an ideal environment for hydrogen production and associated activities. The Dubbo Firming Power Station, a power station capable of using hydrogen, biofuels and hydrogen gas blends, is already planned, consisting of a 64 megawatts power plant and a 17.5 megawatts hydrogen electrolysis plant.

The surrounding agricultural production throughout the wider Central West Orana region, estimated at approximately 116 million tonnes of crops annually, provides a large, immediate market for green ammonia.

Connected

Dubbo is centrally located between Melbourne and Brisbane (5 hours north-west of Sydney), at the junction of three major highways – Newell Highway, Golden Highway and Mitchell Highway, allowing easy heavy freight transport and direct connectivity to the surrounding large agricultural sector. This major service centre benefits from regular rail passenger and freight travel as it is located on the Main Western Railway line, which connects Dubbo to the East Coast cities and ports.

Dubbo Regional Airport offers daily flights to Australia's major markets, including Sydney, Melbourne and Brisbane, ensuring strong domestic and global connectivity.



About Dubbo



\$4.9b

value of Central-West Orana agriculture production



30,000

strong workforce within 1-hour drive



400km

north-west of Sydney

North Dubbo Industrial Precinct

Located just minutes to the north of Dubbo CBD, and spanning nearly 1,000 hectares of industrial-zoned land, is the North Dubbo Industrial Precinct. The precinct boasts approximately 200 hectares of E4 General Industrial and 680 hectares of E5 Heavy Industrial lands, and is already home to the Dubbo Regional Livestock Markets, Fletcher International Exports (abattoir) and a rail intermodal. The site is serviced by 132 kilovolts power transmission lines, gas and potable water pipes.

Workforce

A workforce of over 30,000 resides within a 1-hour drive of Dubbo, including a large number of technicians and tradespersons. The region offers a workforce that specialises in manufacturing, with over 1,400 workers employed across the industry.

Dubbo is part of the Orana DAMA (Designated Area Migration Agreement), which provides skills matching and migration support to employers and new Australians.

Industry outlook

Global demand for hydrogen is increasing exponentially as governments across the globe seek to decarbonise. By 2030, the NSW Government will be targeting hydrogen production of 110,000 tonnes per annum at a price under \$2.80 per kilogram, with plans to fuel some 10,000 vehicles at more than 100 refuelling stations.

Enviably lifestyle

Dubbo boasts many of the advantages of its metropolitan cousins, such as high-end cafes, theatres, cultural experiences, education and training facilities. A popular tourist destination, Dubbo attracts over 1.3 million visitors per year thanks to major attractions such as Taronga Western Plains Zoo, Dubbo Regional Botanic Garden and the Old Dubbo Gaol.

This friendly and affordable (median house price one-third of Sydney) community is ideal for anyone looking for metropolitan living in a regional location.



For further information

Contact us

Phone: 1300 679 673

Email: info@investregional.nsw.gov.au

www.investregional.nsw.gov.au