

Hydrogen Wollongong



Location snapshot



Home to Port Kembla

a major international import/export hub and deepwater port



20 minutes

from Shellharbour airport



1-hour

by road or rail to Sydney International Airport



\$43b

in potential clean energy investment across the region

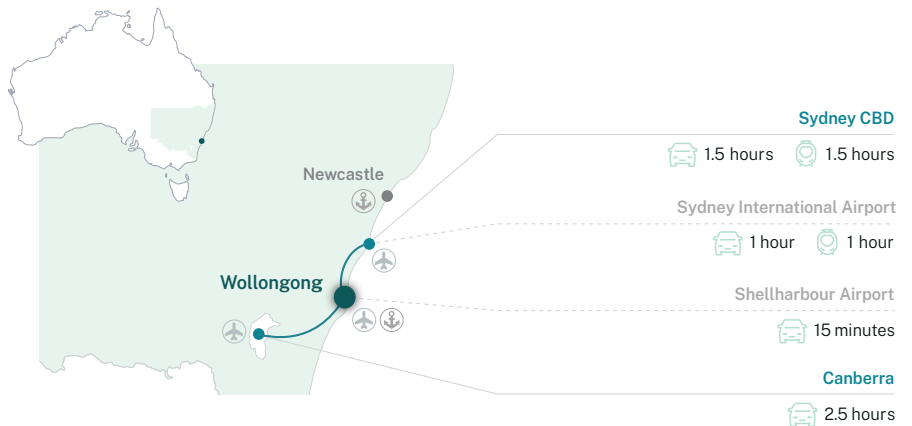


Hydrogen hub

Situated at the heart of a NSW Renewable Energy Zone, Wollongong is an ideal location for hydrogen production due to its major energy, port and transport infrastructure, alongside a highly skilled workforce. In fact, hydrogen production has been ongoing in Wollongong for over 30 years. The city has the advantage of not only becoming a source of clean energy production, but also an industrial user of clean energy, including hydrogen.

Access to major markets

Wollongong is a vibrant coastal city only 1-hour from Sydney International Airport, which is Australia's busiest airport, and is adjacent to Port Kembla, home to the State's largest grain export terminal and second largest coal export port.



About Wollongong



23,000

students currently studying at the globally ranked University of Wollongong



700,000

total workforce within a 1-hour drive of Wollongong



\$37b

in renewable energy investment in NSW expected by 2030

New hydrogen projects

Several key projects have recently been announced in the region, including:

BOC has received NSW Government funding to construct a 10 megawatt electrolyser to produce green hydrogen at their Port Kembla facility. The project will produce up to 4,000 kilogram/day of green hydrogen that will be used to power approximately 40 fuel cell electric buses and trucks.

ATCO has received ARENA (Australian Renewable Energy Agency) funding through the German-Australian HyGATE initiative to undertake feasibility on establishing a 1 gigawatt green hydrogen facility in the region.

Coregas is developing a hydrogen refuelling facility adjacent to the site of its Port Kembla hydrogen production plant (in operation for 30+ years), for use in hydrogen-powered heavy transport vehicles.

Workforce

Wollongong has a large, experienced and multilingual workforce with a diverse range of skills. There are more than 700,000 working adults within a 1-hour commute of Wollongong CBD (2022), including over 77,000 workers with qualifications in engineering and related technologies.*

*Source: 2021 ABS Census – employment, income and education

World-class university

The locally-based University of Wollongong has been ranked in the top 200 global universities.* With ten distinguished professors and over 1,000 academic staff, the University is known for its research excellence – it has 57 disciplines at above, or well above world standard. Its expertise is also demonstrated by the research income received – totalling over \$120 million in 2017.

In addition to world-class research, the University boasts an impressive graduate pipeline. In the latest Australian Government Employer Satisfaction survey, graduates from the University were rated number 1 by their employers, and placed UOW in the top spot among all universities nationally.

*Source: 2022 Quacquarelli Symonds (QS) World University Rankings



For further information



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