

HyP Update

Welcome

It has been a very busy few months since our last update.

We've renamed this update to HyP Update to reflect the breadth of exciting hydrogen-related activities that AGIG is now undertaking across the country.

Welcome to our new subscribers, who have joined because of our proposed Hydrogen Park Gladstone project being introduced to the wider Gladstone community in August.

Amongst other activities is a unique commemoration of Hydrogen Park SA's (HyP SA) contribution to Australia's hydrogen industry, and a special visit to the site from the new Mirai, the latest model of Toyota's hydrogen fuel cell vehicle.

Read about this, and more, in the below updates.

Thank you for your ongoing interest in AGIG's projects and hydrogen in Australia and abroad.

Ben Wilson
Australian Gas Infrastructure Group (AGIG)
Chief Executive Officer



Art meets science

HyP SA – the first project of its kind in Australia – is being celebrated in Mitchell Park community with a public art project.

AGIG has partnered with the City of Marion to deliver the community artwork, which will be themed around innovation, sustainability and a pathway to a cleaner energy future.

It will also commemorate Mitchell Park as the first Australian suburb to receive a renewable gas blend.

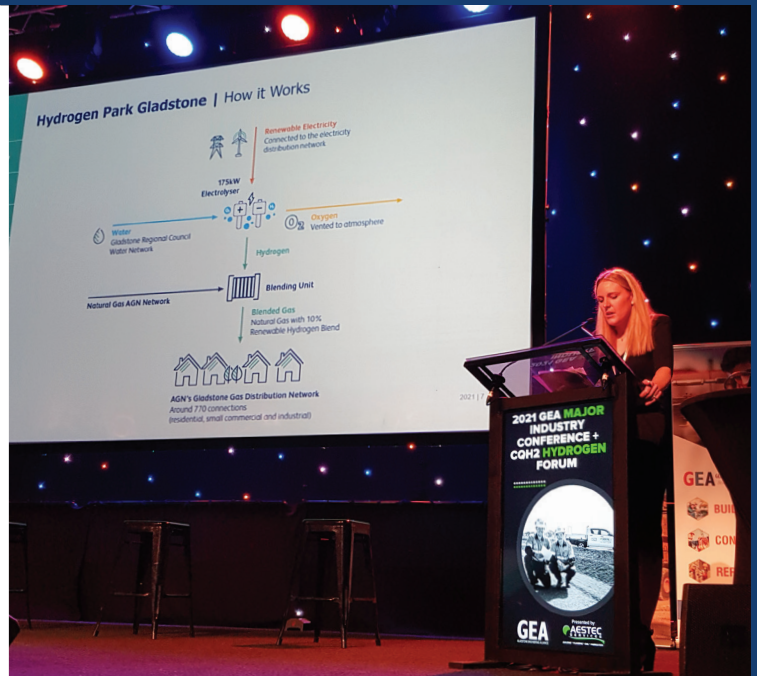
The artwork will be created at Quick Road Reserve (pictured above) in Mitchell Park, with input being sought from the community to help develop the artwork's final design.

An event for the Mitchell Park community will be held to gather feedback into the proposed artwork at Quick Road Reserve, from 11am-1pm on Saturday 16 October. **All are invited and will also enjoy a free sausage sizzle.**

HyP SA was [officially launched](#) in May this year, in what was a historic milestone for renewable energy in Australia.

For the past five months, up to 5% renewable hydrogen has been blended into the existing gas network and used by more than 700 gas customers in Mitchell Park.

What: Community engagement on public art
When: Saturday 16 October from 11am – 1pm
Where: Quick Road Reserve, Mitchell Park



HyP Gladstone introduced to community

The wider Gladstone community has been introduced to our proposed [Hydrogen Park Gladstone \(HyP Gladstone\) project](#), as an important milestone following project announcement in early 2019 and an extended period of planning and design.

Nearly 5,000 homes and businesses in the project area have received information packs in their letterboxes to help keep the community informed of the project's progress. The project already received strong interest in local online and print media including the front page of Gladstone Today.

A project hotline has also been established – 1300 001 001 (press option 8) – to help answer any additional questions the community may have about the project.

As with HyP SA, a FREE Gas Appliance Efficiency Audit is also being offered to properties connected to the Gladstone gas network, within the project area. Residents can call the project hotline to book. The audit will check your gas appliances are running as efficiently as possible, which could help lower your bills.

On October 7-8, we displayed a scaled model of HyP Gladstone to hundreds of delegates at the Gladstone Engineering Alliance Major Industry Conference and CQH2 Hydrogen Forum (pictured above). Post conference, the model is now being hosted for public display at the main building of CQ University's Leo Zussino grand court area.

AGIG's Head of Strategy and Innovation Kristin Raman presented on the project's progress (also pictured above) alongside Queensland Hydrogen Minister, the Hon Mick de Brenni MP, and many other industry leaders on the project's progress. We are proud to support this leading event after the success of GEA's International Women's Day event earlier this year.

HyP Gladstone is our first hydrogen project in Queensland, continuing our journey to a low-carbon future. After lodging the project's development application in June, we are currently responding to questions from the community through the public notification process. The project aims to deliver up to 10% renewable blended gas to homes and businesses on the Gladstone gas distribution network by late 2022.

Did you know?

Australia's hydrogen industry will be accelerated by a **\$1.2 billion investment** announced by the Federal Government last month.



Olympics goes green

Sustainability was at the heart of this year's Olympics.

For the first time in the history of the Games, hydrogen was used to power both the Olympic and Paralympic cauldrons and the Torch during part of its journey around Japan.

The hydrogen was produced using renewable energy at a facility in Namie-machi, in the Fukushima Prefecture which is most notable for its affiliation with nuclear energy.

Tokyo introduced hydrogen powered buses for use in its public transport fleet in 2017, and around 500 hydrogen-powered fuel cell vehicles were deployed to help with transporting officials and competitors during the Olympics.

FREE gas appliance efficiency audit

Did you know that the independent Queensland Government regulator for health and safety recommends you undertake regular checks of your gas appliances?

We are offering a FREE gas appliance efficiency audit to gas customers in the Gladstone blended gas project area.

The audit will check your gas appliances are running as efficiently as possible, which could help lower your bills.



It's quick, easy and simple to book your FREE audit, just do one of the following:

- send us an [email](#)
- call 1300 001 001 and press option 8



Hydrogen fuelled vehicle taken for spin

It was great to see two key components of the hydrogen supply chain come together in South Australia, with Toyota's next-generation hydrogen-powered Mirai vehicle visiting HyP SA.

AGIG's Head of Strategy and Innovation Kristin Raman had the pleasure of test driving the [Toyota Mirai](#) (pictured above) when it visited Mitchell Park, and said it was "quiet, smooth and impressive to drive".

Hydrogen-powered vehicles are the way of the future, once there is a sufficient network of refuelling stations around the country.

Currently, there are [three hydrogen refuelling stations](#) across Australia, in Melbourne, Canberra and, most recently, Brisbane.

Hydrogen vehicles work by mixing hydrogen with air and pumping it into the fuel cell. Inside the fuel cell, a chemical reaction extracts electrons from the hydrogen – electrons create electricity, which charges a battery used to power the drivetrain. A 'full tank' has a 650km range, or around the same distance as Melbourne to Canberra.