



Press Release

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Renewable hydrogen and ammonia production YARA and ENGIE welcome a A\$42.5 million ARENA grant

- Yara Pilbara and ENGIE will build a **renewable hydrogen plant to produce renewable ammonia**.
- As part of the ARENA Renewable Hydrogen Deployment Funding Round, **the Australian government is providing strong support for this project with a A\$42.5 million grant**.
- Scheduled for completion in 2023, **the facility will be one of the world's first industrial-scale renewable hydrogen production operations**.

Yara, a leading global, fully-integrated producer of ammonia and crop nutrition programs for sustainable agriculture, and ENGIE, a global low-carbon energy and services group, are co-developing the project.

The project, which builds on the Pilbara's renewable energy potential, comprises the development, construction and operation of a renewable hydrogen plant within the existing Yara Pilbara ammonia plant to deliver green ammonia to customers for decarbonising emissions from power generation, shipping, fertiliser or mining explosives.

The key elements of one of the world's first industrial-scale renewable hydrogen projects, made possible by the support of ARENA:

- A 10 MW electrolyser.
- An on-site facility of photovoltaic panels,
- A battery storage system that will allow the plant to operate without being connected to the main electrical grid.

Scheduled to commence production in 2023, the first concrete phase of the project will produce up to 625 tons of renewable hydrogen and 3,700 tons of renewable ammonia per year. This initial first phase would be key to enable the facility **to become the "Pilbara Hydrogen Hub", building on the existing export infrastructure**.

Yara and ENGIE welcome this new financial support from ARENA which is in addition to previous ARENA funding for the project's feasibility study and the WA Government's ongoing support for the project with a A\$2 million grant and assistance with site selection, permitting and stakeholder engagement.



Yara Pilbara General Manager Laurent Trost said, *“Renewable hydrogen can decarbonise ammonia production, and renewable ammonia can serve as renewable feedstock for a variety of industrial uses, and even more importantly, renewable ammonia is one of the world’s most promising fuels for green power generation and shipping.”*

Magnus Krogh Ankarstrand, President of Clean Ammonia in Yara International said, *“Thanks to ARENA, this project puts Western Australia on the world-map for renewable energy production, and further enhances Yara’s commitment to a cleaner, greener future. Yara will integrate the clean hydrogen produced in the project into the existing ammonia operations to demonstrate that increased renewable hydrogen use can reduce the dependence on fossil fuels.”*

Michèle Azalbert, CEO of ENGIE's Hydrogen Business Unit said, *“Renewable hydrogen plays a critical role in the decarbonisation of energy-intensive sectors. As ENGIE’s strategy is to lead the energy transition, we are heartened by ARENA’s support for this project, which will not only contribute to the development of the renewable hydrogen industry in Australia, but will also become one of the world’s first industrial-scale renewable hydrogen facilities. The renewable hydrogen industry in Australia has great potential for local usage and for export markets. ENGIE is here to contribute.”*

About Yara

Yara grows knowledge to responsibly feed the world and protect the planet. Supporting our vision of a world without hunger and a planet respected, we pursue a strategy of sustainable value growth, promoting climate-friendly crop nutrition and zero-emission energy solutions. Yara’s ambition is focused on growing a climate positive food future that creates value for our customers, shareholders and society at large and delivers a more sustainable food value chain.

To achieve our ambition, we have taken the lead in developing digital farming tools for precision farming, and work closely with partners throughout the food value chain to improve the efficiency and sustainability of food production. Through our focus on clean ammonia production, we aim to enable the hydrogen economy, driving a green transition of shipping, fertilizer production and other energy intensive industries.

Founded in 1905 to solve the emerging famine in Europe, Yara has established a unique position as the industry’s only global crop nutrition company. We operate an integrated business model with around 17,000 employees and operations in over 60 countries, with a proven track record of strong returns. In 2020, Yara reported revenues of USD 11.6 billion.

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About ENGIE

Our group is a global reference in low-carbon energy and services. Together with our 170,000 employees, our customers, partners and stakeholders, we are committed to accelerate the transition towards a carbon-neutral world, through reduced energy consumption and more environmentally friendly solutions. Inspired by our purpose (“raison d’être”), we reconcile economic performance with a positive impact on people and the planet, building on our key businesses (gas, renewable energy, services) to offer competitive solutions to our customers.

Turnover in 2020: 55.8 billion Euros. The Group is listed on the Paris and Brussels stock exchanges (ENGI) and is represented in the main financial indices (CAC 40, DJ Euro Stoxx 50, Euronext 100, FTSE Eurotop 100, MSCI Europe) and non-financial indices (DJSI World, DJSI Europe and Euronext Vigeo Eiris - World 120, Eurozone 120, Europe 120, France 20, CAC 40 Governance). <https://engie.com.au/>

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