

## Infinite Green Energy and Samsung C&T joins partnership on Arrowsmith Green Hydrogen Plant

17<sup>th</sup> May 2023

Infinite Green Energy is pleased to announce it has entered a Memorandum of Understanding (MOU) with Samsung C&T to jointly develop and build the world scale Arrowsmith hydrogen facility. The MOU is effective as of Wednesday 17<sup>th</sup> of May.



*From L to R, Stephen Gauld CEO and Managing Director of Infinite Green Energy, Hon Roger Cook MLA Deputy Premier; Minister for State Development, Jobs and Trade; Hydrogen Industry; Tourism; Science, Mr Sechul Oh Samsung C&T President & CEO of E&C Group*

Arrowsmith will initially produce up to 300 tonnes of green hydrogen per day, the equivalent of 100,000 tonnes per annum, to meet the expected growth of hydrogen demand in Asia Pacific markets such as Japan and South Korea, in addition to the Australian domestic market. Commencement of production is targeted for early 2028.

Managing director and CEO of Infinite Green Energy, Stephen Gauld, said partnering with Samsung C&T to progress the flagship Arrowsmith project was an important step that continues to strengthen the confidence of all IGE stakeholders,

“Today’s announcement builds on the partnership we announced with Samsung C&T earlier this year for the development of our Northam MEG HP1 Project, which has established a strong foundation for our relationship,” said Mr Gauld, “through this agreement, Samsung C&T will provide additional resources focussed on delivering green hydrogen for export and domestic customers from our Arrowsmith facility. Our partnership highlights IGE’s commitment not just to fight climate change, but also to see the Western Australia economy and our local communities benefit from green energy production.”

Infinite Green Energy Chairman, Peter Coleman warmly welcomed the partnership with Samsung C&T, “We are very pleased to welcome Samsung C&T as a key partner in our world leading Arrowsmith Project. Samsung C&T bring knowledge, skills and relationships that will be critical to the successful development of Arrowsmith”.

Samsung C&T President & CEO of E&C Group, Sechul Oh said participation in this project aligns strongly with the values and vision of Samsung. “We are committed to fast tracking the energy transition, creating opportunities for people and businesses. Production of green hydrogen is a key component of that story.”

Western Australia’s Hydrogen Minister Roger Cook said, “This is an exciting development in the Arrowsmith project, which will put Western Australian one step closer to being a significant global producer, user and exporter of renewable hydrogen.

“We welcome the partnership between Infinite Green Energy and Samsung C&T which will see the development and construction of a commercial scale green hydrogen production facility in the Mid West region. It’s expected to support our own decarbonisation efforts in mining and heavy haulage transport, and help our close trading partners such as South Korea decarbonise their own economies.

“The project is expected to create hundreds of construction and operational jobs and manufacturing opportunities right here in WA.”

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### **About Infinite Green Energy (IGE)**

Infinite Green Energy (IGE) is a public unlisted company, based in Perth, Western Australia, and is committed to leading the transition to a net zero emissions economy by developing projects in Australia, Italy and New Zealand to produce and deliver green hydrogen to domestic and export markets around the world. Renewable hydrogen is an emerging resource that will play an important role in decarbonising the world’s economy in the future with significant potential to be utilised into power grids for transport, infrastructure, and industry. Find out more about IGE at [www.igeh2.com](http://www.igeh2.com)

### **About Samsung C&T**

Samsung C&T’s Engineering & Construction Group has more than 40 years of engineering and construction experience operating throughout the world. The group focuses on the following key areas: commercial and residential buildings, civil infrastructure and plant construction.

Samsung C&T is now promoting eco-friendly energy solution securement by corresponding with energy paradigm change, and preparing green hydrogen business as the part of future growth. The company will actively go out of developing overseas green hydrogen business development such as MEG HP1 & Arrowsmith project in Australia. Find out more about Samsung C&T at <https://news.samsungcnt.com>.

### **About the Arrowsmith Hydrogen Plant**

IGE initiated the project in 2019 targeting the domestic Western Australian market delivering up to 42 tpd, however in 2021 IGE completed the export terminal design concept including the subsea pipeline for cryogenic gas. The Arrowsmith Hydrogen design includes 700MW of Electrolysers, 750MW of Solar PV, 1,550MW of Wind Turbines and 240MW of batteries. IGE anticipates Arrowsmith connection to the SWIS from Eneabba South to Arrowsmith, where the grid can be extended to Geraldton & subsequently Oakajee. Subsequent expansions are being considered with Samsung C&T delivering 7GW of renewable energy out of Arrowsmith including 2,100MW of Electrolysers.

The primary focus is delivering the subsea pipeline and offshore loading facility by early 2028. The project will also include a truck-offloading terminal, enabling IGE to supply local back-to-base operations with future expansion to form its Zero Emissions Highway. Arrowsmith domestic FEED was completed and environmental approvals are being progressed through WA's Environmental Protection Agency. Infinite Green & Samsung C&T will jointly develop the larger project which includes expansion of Arrowsmith to a world scale facility delivering hydrogen to international markets.

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