

Sparc Technologies – Ultra-Green Hydrogen Investor Webinar

Sparc Technologies Limited (ASX: SPN) (Sparc or the Company) is pleased to invite shareholders and interested parties to a Sparc Hydrogen Investor briefing to be held on Wednesday 9th February 2022 @ 11:15am (AEDT).

Stephen Hunt, Executive Chairman and Nick O'Loughlin, Manager, Energy & Business Development, will be presenting information on the recent announcement of an agreement with global green energy company Fortescue Future Industries (**FFI**) (100% subsidiary of Fortescue Metals Group, ASX: FMG) and the University of Adelaide, forming the Sparc Hydrogen Joint Venture.

Sparc Hydrogen is seeking to deliver a unique process with the aim of producing commercially viable ultra-green hydrogen via photocatalysis (**the Sparc Green Hydrogen Project**). The ultra-green hydrogen technology has been developed by the University of Adelaide (**UoA**) and Flinders University. FFI will now support this important research and development work as emerging world leaders in green hydrogen technology and production.

Event Details

Event:	Sparc Technologies – Hydrogen Investor Webinar
Presenters:	Stephen Hunt, Executive Chairman and Nick O'Loughlin, Manager, Energy & BD
Time:	Wednesday 9 th February 2022, 11:15am (AEDT)
Where:	Virtual Webinar, details to be provided upon registration
Registration link:	https://bit.ly/3IW7spO

After registering your interest, you will receive a confirmation email with information on how to join the webinar.

Participants will be able to submit questions throughout the presentation, however given we are expecting a large number of attendees we encourage questions to be sent through via email beforehand to mark.flynn@sparctechnologies.com.au.

-ENDS-

Authorised for release by: Stephen Hunt, Executive Chairman.

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About Sparc Technologies

Sparc Technologies Limited (ASX: SPN) is a South Australian based company that is focussing on the development of innovative technology solutions.

Graphene, which is a major focus for Sparc, can be extracted from graphite, it is a 2-dimensional nano material made of carbon atoms arranged in a hexagonal pattern, giving it unique and powerful properties that, with the right technology, can be imparted on products to improve performance. Sparc is commercialising a number of graphene products in industrial materials applications, as well as health.

Sparc is also focussed on developing thermo-photocatalytic ultra-green hydrogen technology that does not require solar and/or wind farms, nor electrolysis as with conventional green hydrogen.

Sparc Ultra-Green Hydrogen Project

The Sparc Ultra-Green Hydrogen Project will seek to further develop a process known as Thermo-Photocatalysis, which employs the sun's radiation and thermal properties to convert water into hydrogen and oxygen. Adopting this process to produce green hydrogen means that renewable energy from wind farms and/or photovoltaic solar panels and expensive electrolyzers are not needed. As such, capital and operating expenditure is anticipated to be significantly lower than electrolysis and other forms of hydrogen production currently in use. Furthermore, this technology can potentially be adopted remotely and for onsite use, thereby reducing the reliance on long distance hydrogen transportation and/or electricity transmission.

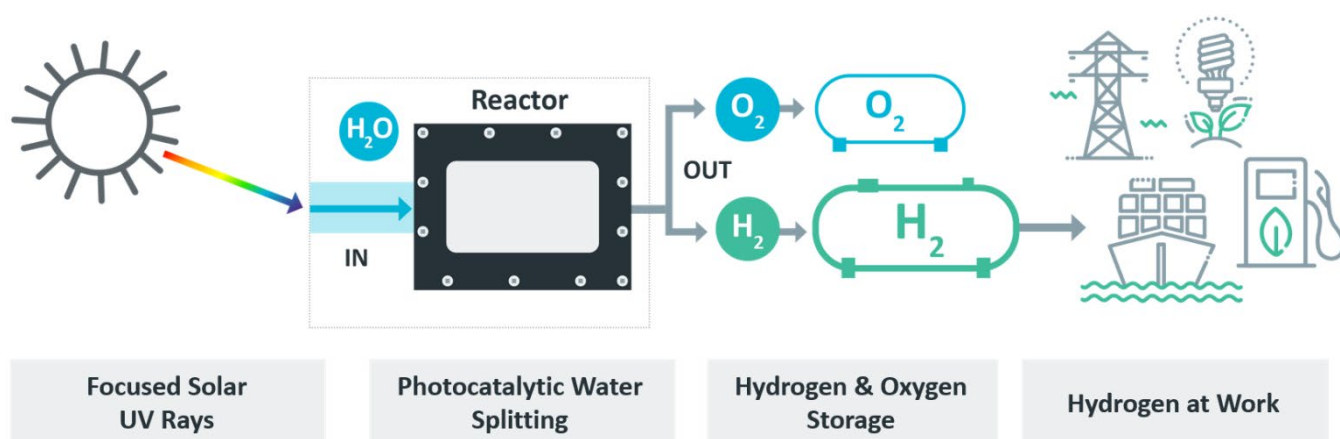


Figure 1: Sparc Hydrogen Green Hydrogen process schematic