

## Sparc Hydrogen Clarification

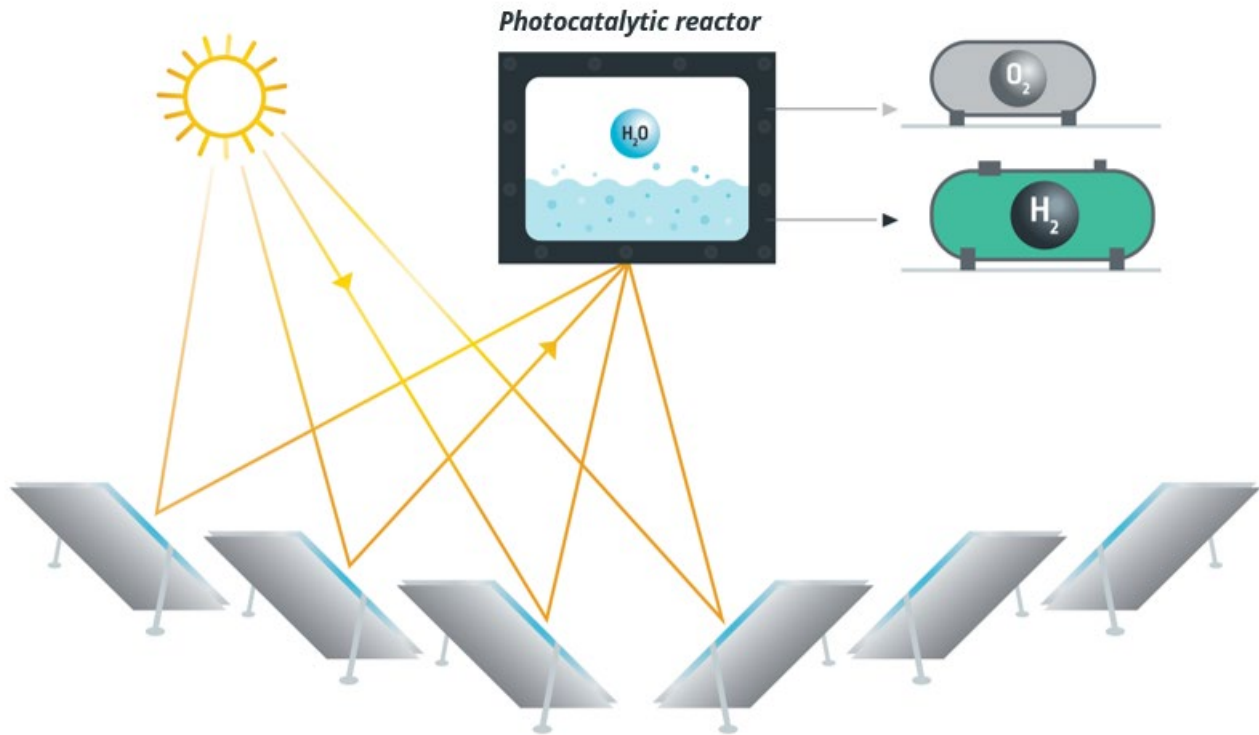
**Sparc Technologies Limited (ASX: SPN) (Sparc)** wishes to confirm its understanding that the organisational update at Fortescue Ltd (**Fortescue**) will not impact Fortescue's involvement in and ongoing commitment to the Sparc Hydrogen joint venture (Sparc Technologies 52%, The University of Adelaide 28% and Fortescue 20%). Sparc Hydrogen is developing next generation green hydrogen technology using a process known as photocatalytic water splitting which requires only sunlight, water and a photocatalyst to produce green hydrogen, without electricity.

**Sparc Technologies Managing Director, Mr. Nick O'Loughlin, commented:**

*"Sparc enjoys a close working relationship with our joint venture partners in the Sparc Hydrogen joint venture which remains committed to driving Sparc Hydrogen's next generation green hydrogen technology forward. Having communicated with a senior Fortescue representative we understand that the organisational update described in Fortescue's ASX release will not impact Sparc Hydrogen and it will be business as usual."*

## About Sparc Hydrogen

Sparc Hydrogen is a joint venture between Sparc Technologies, the University of Adelaide and Fortescue developing next generation green hydrogen technology using a process known as photocatalytic water splitting (PWS). This process requires only sunlight, water and a photocatalyst to produce green hydrogen, without an electrolyser. Sparc Hydrogen's patent pending reactor utilises concentrated sunlight to improve the economics of PWS and to deliver a modular, scalable system. Given lower infrastructure requirements and electricity use, PWS has the potential to deliver a cost and flexibility advantage over electrolysis.



Sparc Hydrogen schematic demonstrating combination of concentrated solar and photocatalytic water splitting

-ENDS-

**Authorised for release by:** Nick O'Loughlin, Managing Director.

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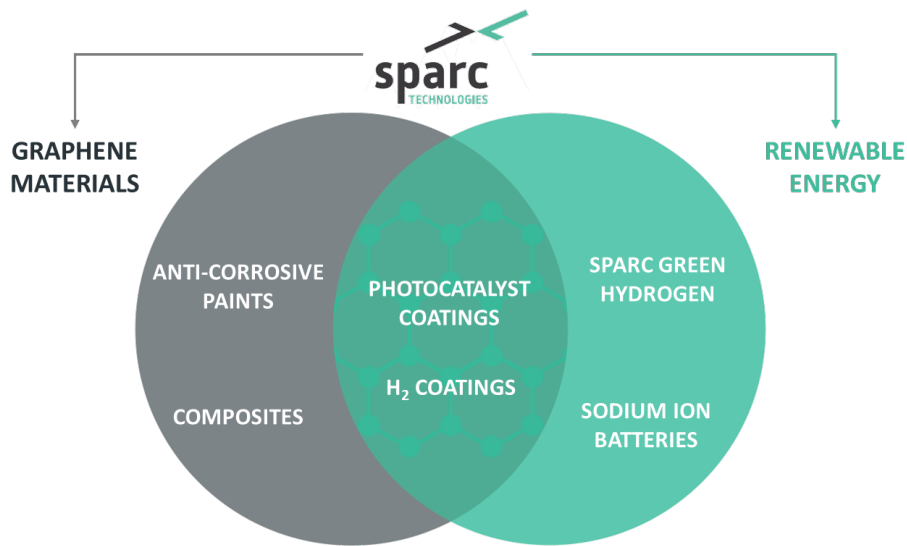
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## About Sparc Technologies



Sparc Technologies Limited ('Sparc', ASX: SPN) is an Australian company pioneering new technologies to disrupt and transform industry while seeking to deliver a more sustainable world. Sparc has established offices in Australia, Europe and North America and is focused on three core areas of technology development.

1. Sparc has spent over 5 years developing a **graphene based additive** product, **ecosparc®**, which has demonstrated 40% anti-corrosion improvement in commercially available epoxy-based coatings. Sparc recently commissioned a manufacturing facility to produce **ecosparc®** and is engaging with global coatings companies and asset owners to conduct field trials.
2. Sparc is the majority shareholder of **Sparc Hydrogen** which is a company pioneering the development of **photocatalytic water splitting** ('PWS') green hydrogen production technology. PWS is an alternative to producing green hydrogen via electrolysis, using only sunlight, water and a photocatalyst. Given lower infrastructure requirements and energy use, the process has the potential to deliver a cost and flexibility advantage over electrolysis.
3. Sparc is also developing sustainable **sodium ion battery anode technology** utilising agricultural bio-waste materials.

For more information please visit: [sparctechnologies.com.au](https://sparctechnologies.com.au)

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For more information about Sparc Hydrogen please visit: [sparchydrogen.com](https://sparchydrogen.com)

