Investor Webinar Presentation

Sparc Technologies Limited (ASX: SPN) (**Sparc** or the **Company**) is pleased to provide the slides that Managing Director **Nick O'Loughlin** will present at an online webinar commencing at 11:30am AEDT today, 2 February 2026.

Webinar details:

- **Date:** Monday, 2 February 2026
- **Time:** 11:30am AEDT / 8:30am AWST
- **Registration:** https://us02web.zoom.us/webinar/register/WN_feUiADsxRZCKxYcVzIvSJA

Upon registering, attendees will receive a confirmation email with details on how to join the webinar. A replay will be made available following the event via the Company's website and social media channels.

Questions can be submitted in advance or during the webinar to:

spitaro@nwrcommunications.com.au

Commercialising Graphene Today
Advancing Next-Gen Hydrogen for Tomorrow

February 2026

ASX: SPN

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Transforming Global Industries with Technology

Sparc Technologies (SPN) is a developer of two transformative technologies for multi-billion $ industries

SPARC HYDROGEN

Leading the Next-Generation Green Hydrogen Revolution Without Electrolysers

- **Disruptive Technology:** Utilising photocatalysis which requires only sunlight and water to produce green hydrogen — without electrolysers.
- **World-Class Partners:** Sparc Technologies, Fortescue and the Adelaide University form the Sparc Hydrogen JV.
- **Scalable and Low-Cost:** Less energy and infrastructure offers significant potential cost advantages versus incumbent technology.
- **Key Catalysts:** Pilot plant results leading into industry collaborations and partnerships.

ecosparc®

Tackling the Global Corrosion Challenge using Proprietary Graphene Additives

- **First Commercial Sale:** Achieved in late 2025 with growing momentum behind full commercialisation of ecosparc® enhanced coatings.
- **Real-world Trials:** With Dulux Australia, SA Govt, BHP Mitsubishi, Santos and 29M providing validation for ecosparc® enhanced coatings.
- **Key Benefits:** Significant ROI for asset owners via extended time between maintenance events plus CO_2 savings.
- **Key Catalysts:** Commercialisation agreements delivering annual recurring revenues targeted in H1 2026.

Corporate Snapshot

118m
Shares on issue

$25m
Market Cap*

$0.215
Share price*

$1.9m
Cash**

~40%
Top 20 s/holders

5.6%
Adelaide University

Board & Key Management

Nick O'Loughlin
Managing Director

Simon Kidston
Non-Exec Chair

Daniel Eddington
Non-Exec Director

Dr Denis Wright
GM Graphene

Kristen Kubank
CFO

Key Partners & Collaborators

Fortescue
Dulux
Government of South Australia
Department for Infrastructure and Transport
Santos
Adelaide University
BHP
BMA
BHP Mitsubishi Alliance
DETMOLD GROUP
29 Metals

* As at 30 January 2026

** As at 31 December 2025

Sparc's Technology Platform

Commercialisation

ecosparc® ENHANCED COATINGS (PAINT)

- Sparc's flagship graphene based additive product, **ecosparc®**, has been developed to enhance currently used steel protective coatings.

Piloting / Scale-Up

NEXT GENERATION GREEN HYDROGEN

- Sparc owns 36% of Sparc Hydrogen in JV with Fortescue and Adelaide University – the company is developing novel photocatalytic water splitting technology.

Research & Development Portfolio

SUSTAINABLE PACKAGING

- In collaboration with **Detmold Packaging** developing graphene enhanced linings for paper packaging products.

AQUACULTURE / ANTIFOULING

- Sparc is developing graphene technology which substantially reduces fouling on marine infrastructure.

ARTIFICIAL INTELLIGENCE

- In collaboration with **Australian Institute of Machine Learning** developing AI software for quickly and accurately assessing corrosion.

ecosparc®

Tackling Corrosion With Enhanced Steel Coatings

Dulux

Government of South Australia
Department for Infrastructure and Transport

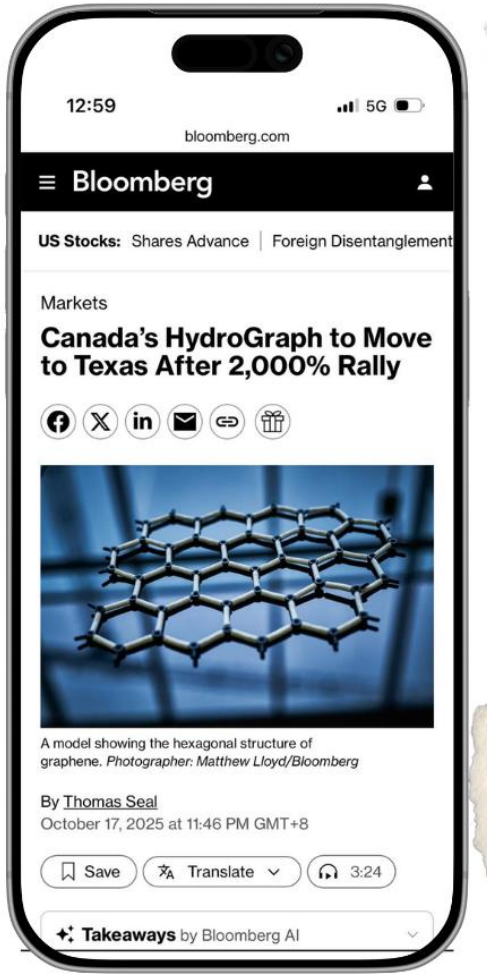
Santos

BHP

BMA
BHP Mitsubishi Alliance

BHP Mitsubishi Alliance (BMA) is a 50:50 joint venture between BHP Group Limited and Mitsubishi Development Pty Ltd that was formed in 2001.

The Coming of Age of Graphene



"Graphene is starting to prove useful, with applications now appearing in everything from medical gloves to aerospace components."
— The Economist, Science and Technology

"The firm plans to increase its capacity to over 30 tonnes annually by 2028 thanks to the establishment of an additional production plant."
— Reuters, on graphene producer BeDimensional expanding production with EIB funding

"Researchers say they have created the first functional semiconductor made from graphene rather than silicon." — Reuters

The Problem – Corrosion of Steel Assets

The Cost and Carbon Problem

- **~$6 trillion** direct and indirect costs associated with the impact of corrosion globally per annum[1]
- Corroded steel replacement accounts for up to **3.4% of global greenhouse gas (GHG) emissions[1]**

The Business Interruption Problem

Asset shutdowns | **Productivity loss** | **Safety risks**

Regular Maintenance Using Protective Steel Coatings

1. Iannuzzi, M., Frankel, G.S. The carbon footprint of steel corrosion. *npj Mater Degrad* **6**, 101 (2022)

A Cutting-Edge Additive for Steel Coatings

Proprietary knowledge and data underpins leading product in market

Extensive testing to international standards shows 26% - 79% anticorrosive performance boost[1]

Strong customer pipeline; multiple field trials underway with major end-users

Independent lifecycle analysis quantifies significant emissions and cost savings

Manufacturing capacity in place to support commercialisation

1. See ASX Announcements published 12 September 2023 and 7 October 2020

Significant Value-in-Use for Asset Owners

Critical steel infrastructure: Ports, jetties, industrial, marine

+

ecosparc® ***enhanced anticorrosion coatings***

=

Significant $ and CO_2 savings through less maintenance[1]

1. See ASX Announcements published 12 September 2023 and 30 August 2023

Dual Track Approach to Market

Coatings Manufacturers

Examples

Sherwin-Williams, PPG, AkzoNobel, Dulux, RPM, Nippon Paint

Route to Market

- Testing and trials lead to new coatings product release and/or an **ecosparc®** enhanced version of existing product
- Targeting direct sales and commercialisation deals

Coatings Users

Examples

aramco, bp, RioTinto, Macquarie, Australian Government, US Navy

Route to Market

- Field trials and collaborative testing programs lead to **ecosparc®** enhanced product being placed on asset owner coating specifications
- Direct "pull-through" of **ecosparc®** into market

Field Trials Demonstrating Performance

- Sparc commenced collaborative field trials using **ecosparc®** enhanced coatings >18 months ago with positive coatings performance reported.
- Sparc recently commenced its first collaborative coatings project with Dulux Australia at the Cape Jaffa Lighthouse in Kingston SE, South Australia.

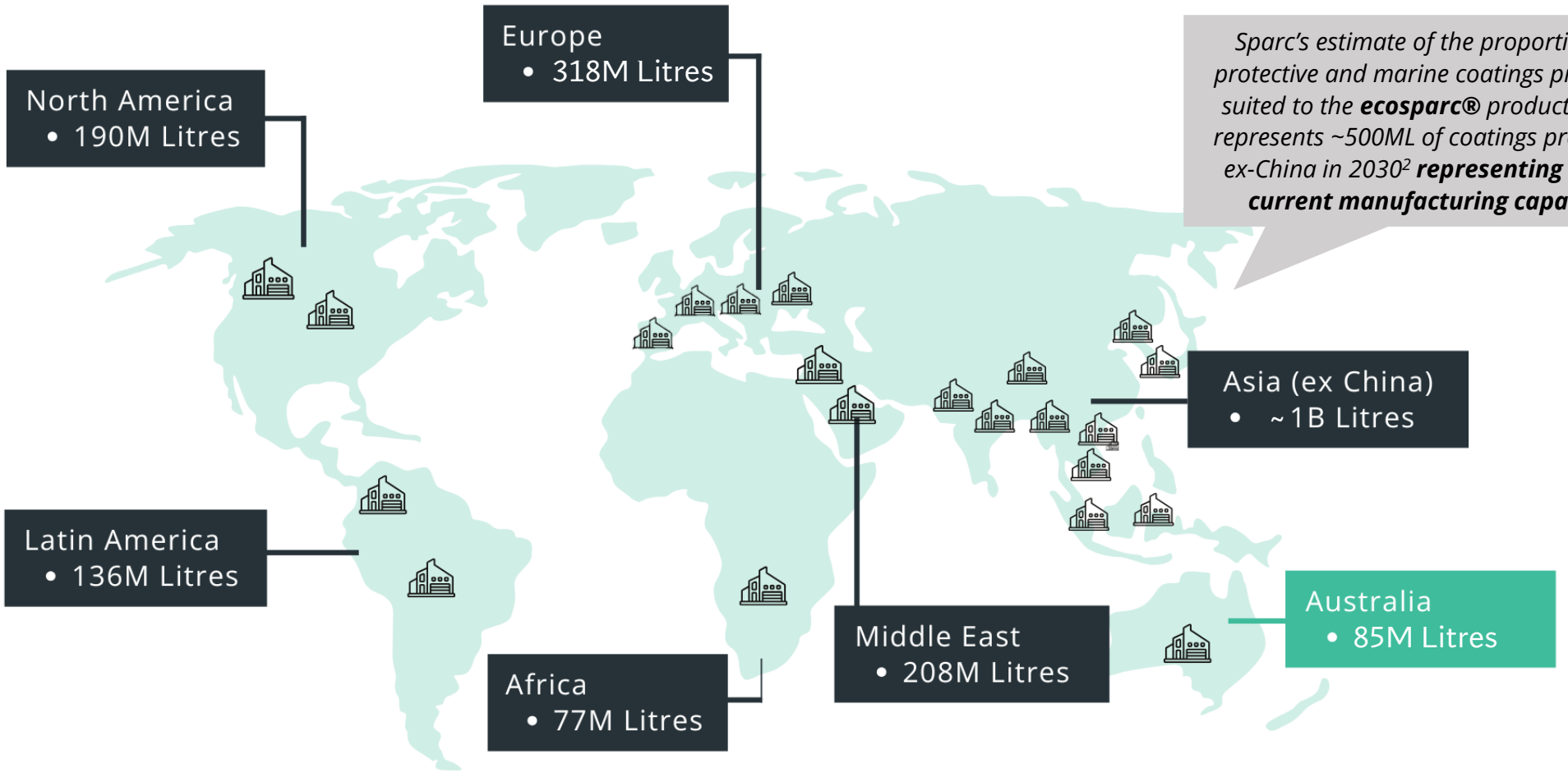
Rapidly Scalable Business Model

- Sparc has designed **ecosparc®** to be a drop-in additive product which is incorporated by coatings companies at the point of manufacture in the same way as a pigment.
- Sparc has **established commercial manufacturing capacity** to produce enough **ecosparc®** to dose ~**4.5ML/annum of enhanced protective coatings[1].**
- Production units are small and modular and can be rolled out rapidly.
- Sparc will seek to initially control the manufacturing process to ensure quality and IP protection; toll manufacturing via global partnerships will be considered for future volume expansions.
- **Sparc's end customers are coatings manufacturers** producing **ecosparc®** enhanced coatings for the oil & gas, mining, infrastructure and marine industries.

1. Additive manufacturing capacity is based on two batches of additive per day, seven days per week from Sparc's existing manufacturing facility in Adelaide; volume of enhanced protective coatings assumes 2% w/w dosage rate and coatings density (kg/L) of 1.60

Significant Addressable Market Potential

2030 Protective and Marine Coatings (P&MC) Volumes by Region (~2BL per annum ex-China)[1]



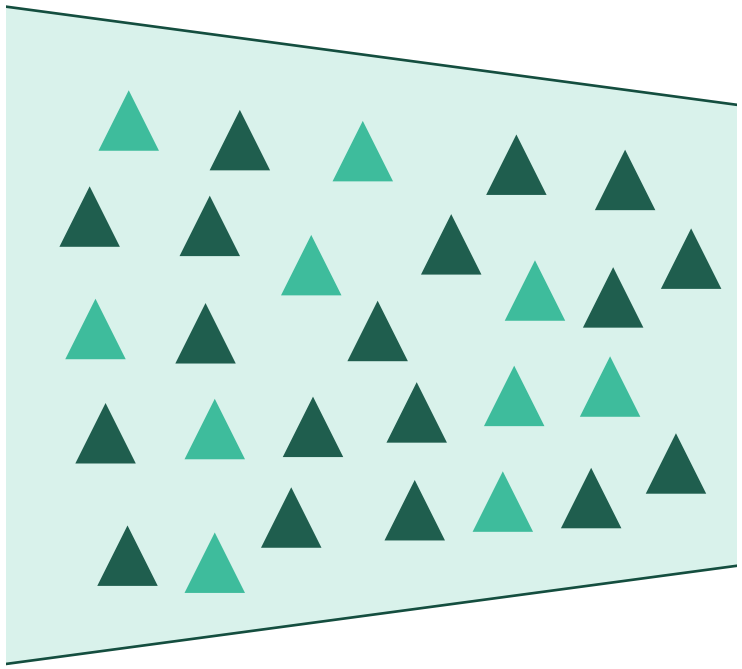
*Sparc's estimate of the proportion of protective and marine coatings products suited to the **ecosparc®** product (25%) represents ~500ML of coatings produced ex-China in 2030[2] **representing >100x current manufacturing capacity***

1. Source: Orr & Boss
2. As with any target addressable market, there are barriers to accessing a target addressable market, including manufacturing capacity, regulatory requirements, distribution and logistical hurdles, intellectual property protections and barriers to competition. Investors are cautioned that there are no guarantees that a target addressable market can be converted into revenue, and the target addressable market should not be mistaken for a guidance on potential revenue.

Growing Customer Pipeline

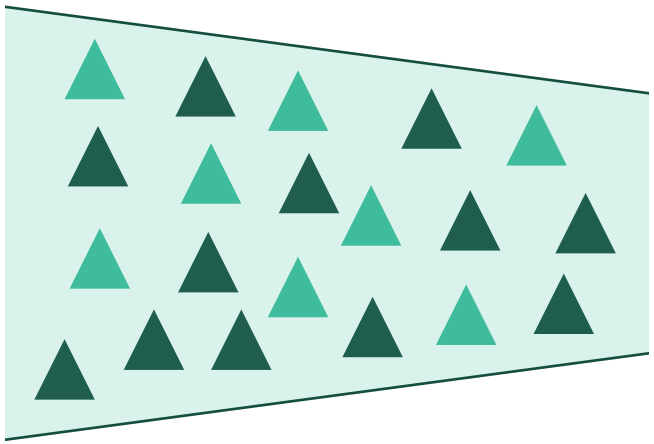
Potential Customer Pipeline Contains Global Coatings Manufacturers & End-users

Active NDAs[1]



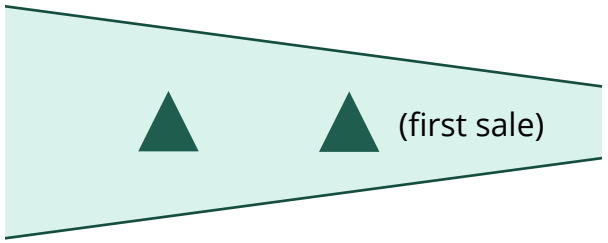
28 counterparties

Active Testing Programs & Field Trials



20 counterparties

Commercial Discussions[2]



2 counterparties

Asset owners

Coatings & additive manufacturers

1. Excludes NDAs with graphene suppliers and other service providers
2. Commercial negotiations are currently incomplete and confidential. Investors are cautioned that there are no guarantees that binding purchase agreements will be entered into

Proprietary Knowledge is our Advantage

Sparc Technologies believes **ecosparc®** *is the leading graphene-based additive for the steel protective coatings market based on extensive lab and field performance data which provides a moat and first-mover advantage*

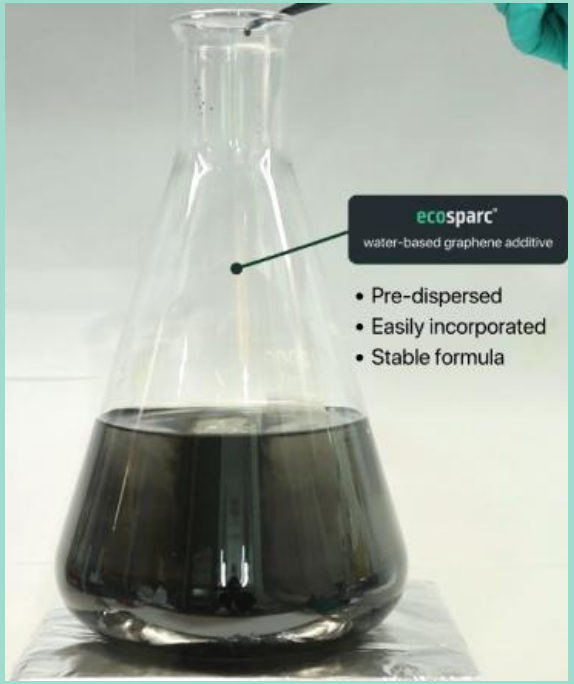
Extensive Data Package

- **9 rounds** of cyclic corrosion testing and **>4,000 panels** to ISO standards
- Corrosion performance (creep) improvements ranging from **26%[1] to 79%[2]**
- >18 months of field-based data in relevant corrosive environments

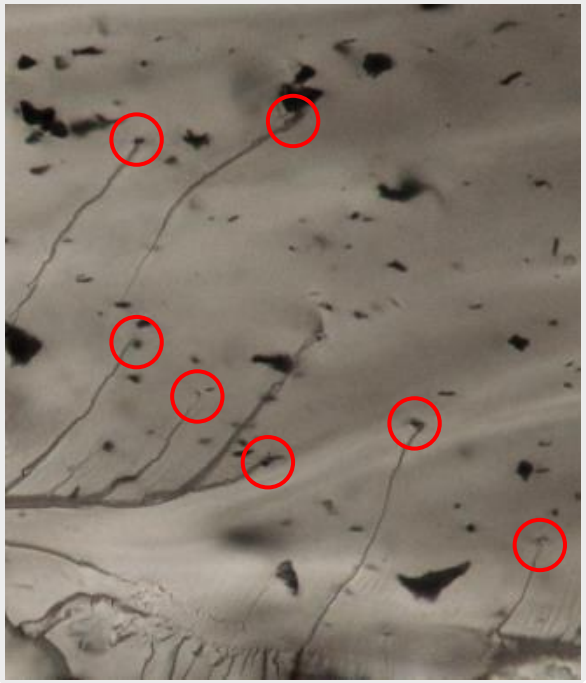
Highly Experienced Team

- Highly credible team: **>120 years** combined in global coatings companies
- >6 years of laboratory work focused on incorporating graphene into protective coatings and polymers
- Winner of **Best Paper Award** with Aramco at recent Middle East Corrosion Conference

Proprietary Sourcing & Dispersion



Demonstrated Method of Action



1. See ASX Announcement 12 September 2023
2. See ASX Announcement 7 October 2020

SPARC HYDROGEN

Next Generation Green Hydrogen Technology

sparc TECHNOLOGIES

Fortescue

Adelaide University

Flinders University

Introduction to Sparc Hydrogen

Sparc Hydrogen is developing next generation, low cost, green hydrogen production technology

Sparc Hydrogen's Technology

A patented solar reactor demonstrated to improve the efficiency and scalability of photocatalytic water splitting (**PWS**) utilising concentrated sunlight. Given lower infrastructure requirements and energy use, the process has the potential to deliver a cost and flexibility advantage over electrolysis.

Best-in-Class Partners

Post-award of a A$2.75M Federal Govt grant, funding for the joint venture is secured thru 2026[1]

sparc TECHNOLOGIES

- Project management and coordination
- Technology commercialisation

36%

Fortescue

- Global leader in green hydrogen
- Project development, R&D, end use

36%

Adelaide University

- Developer and contributor of IP[2]
- Leading R&D work and providing lab facilities

28%

SPARC HYDROGEN

1. ASX Announcement 4 July 2025 Link
2. Together with Flinders University

Highly Credentialled Team

Alana Barlow

Chief Executive Officer

Alana is an accomplished senior executive with deep connections across the hydrogen industry.

Alana was previously the Queensland Government's Deputy Director-General, Hydrogen and Future Fuels and prior to that worked for Sumitomo Corporation across multiple commercial and legal roles in hydrogen, resources and energy.

Alana played a key role in achieving a final investment decision on the A$117M Sumitomo Gladstone Green Hydrogen Project in partnership with Rio Tinto.

Alana holds a Bachelor of Laws (LLB) and a Graduate Diploma of Legal Practice from The College of Law.

Professor Gregory Metha

Research Lead

Greg is the founder of Sparc Hydrogen's PWS reactor technology and has been working in photocatalysis for over a decade.

Greg is a former head of Chemistry at the University of Adelaide and has over 40 years' experience studying the interaction between light and molecules. He is a leading figure in PWS globally:

- Australian Director of US NSF-CSIRO Global Centre for Hydrogen Production (HyPT)
- Sub-task leader for the IEA's Technology Collaboration Programme for Renewable H2
- Australian Lead, Mission Innovation Sunlight-to-X community
- Acting Director, Centre for Energy Technology at the Adelaide University

Vinodhan Gopalan

Project Manager

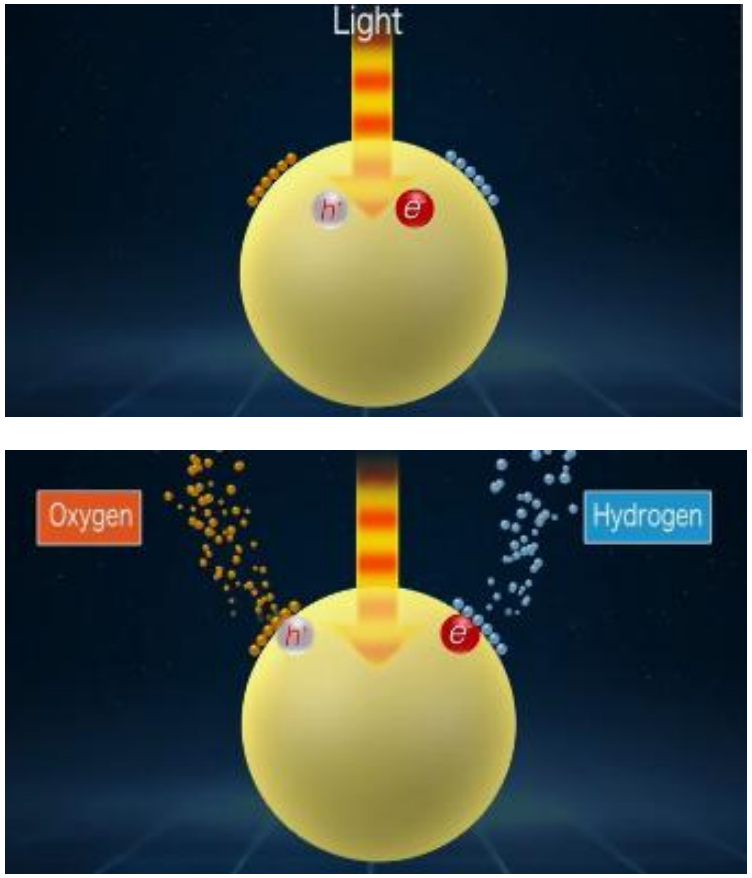
Vinod has ~20 years of experience working in the design, engineering and construction of thermal power projects.

Vinod's most recent role prior to joining Sparc Hydrogen was developing an Energy from Waste project with Re.Group in NSW.

Vinod's responsibilities with Sparc Hydrogen have included project delivery of the CSIRO Energy Centre prototypes and the Roseworthy pilot plant.

Vinod has a degree in Energy Engineering from the University of Leeds and manages all aspects of the Sparc Hydrogen joint venture including having overall responsibility for project delivery.

What is PWS?



Source: "(English) Decarbonization Demo to the World: Japan's 100-m2 Artificial Photosynthesis Field Test." NEDO Channel

- PWS uses specialist catalyst materials to dissociate water into hydrogen (H_2) and oxygen (O_2), using light.
- Three key ingredients for successful PWS are:
  - Sunlight and water;
  - Highly efficient & durable photocatalysts; and
  - Low cost, scalable reactors.
- The key reaction efficiency measure is referred to as **solar-to-hydrogen efficiency (STH)** which refers to the amount of solar energy converted to chemical energy in H_2.

1st generation photocatalyst materials[1]

~1% STH

Current best-in-class photocatalyst materials[2]

5% - 10% STH

Theoretical efficiency limit for photocatalysis[3]

~30% STH

1. Nature 598, 304–307 (2021)
2. Molecules 2024, 29(24), 6003
3. MRS Bulletin, 36(1), 17–22.

Patented Reactor Technology

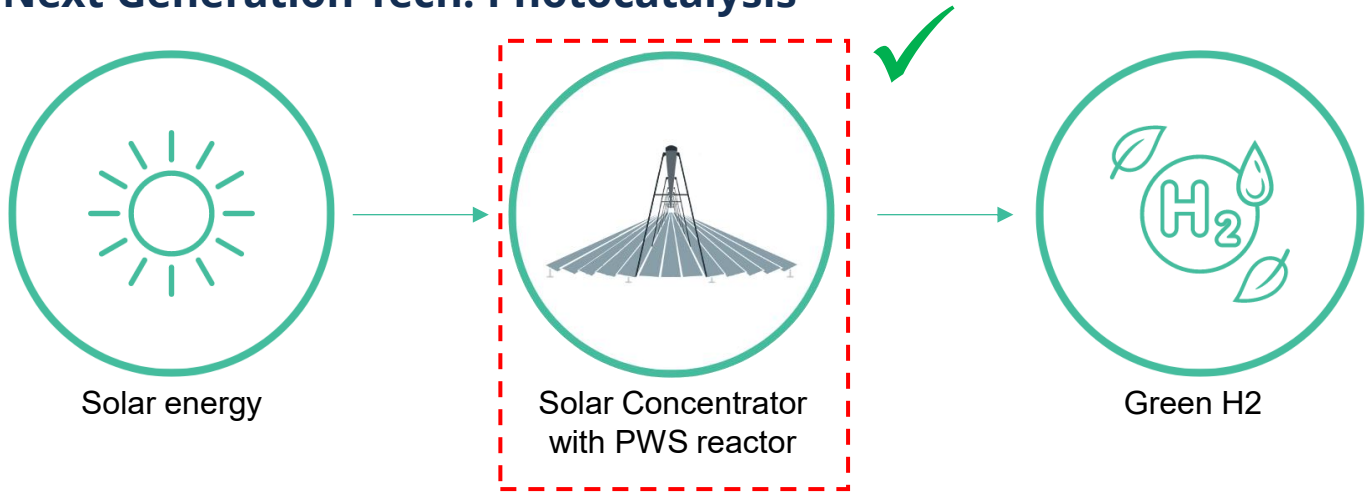
Sparc Hydrogen's patented reactor technology utilises concentrated solar energy to drive more efficient and cost-effective photocatalytic water splitting (PWS)

First gas production achieved Dec-25

- Advantages of Sparc Hydrogen's unique approach to photocatalytic water splitting include:
  - Reduced photocatalyst use for a given production rate;
  - Simple integration with modular and scalable concentrated solar infrastructure; and
  - Increased efficiencies and by-product heat generation.

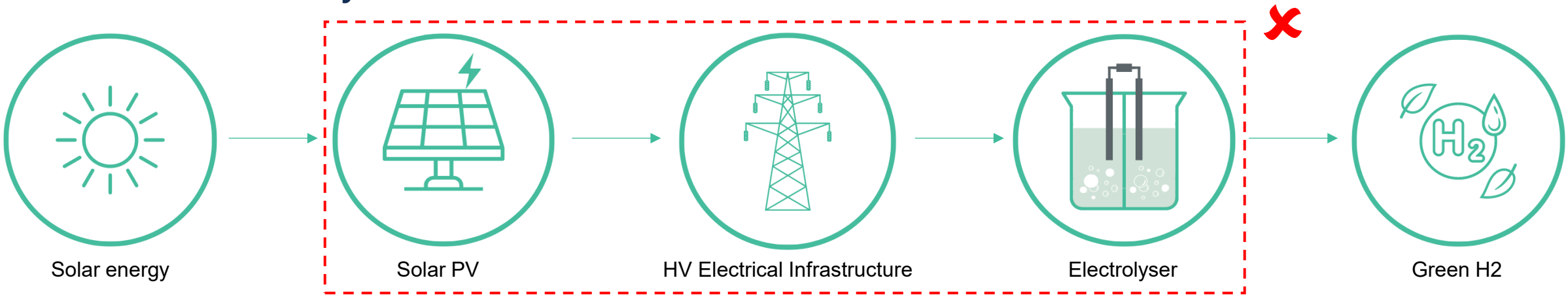
Simple, Low Cost Infrastructure is Key

Next Generation Tech: Photocatalysis



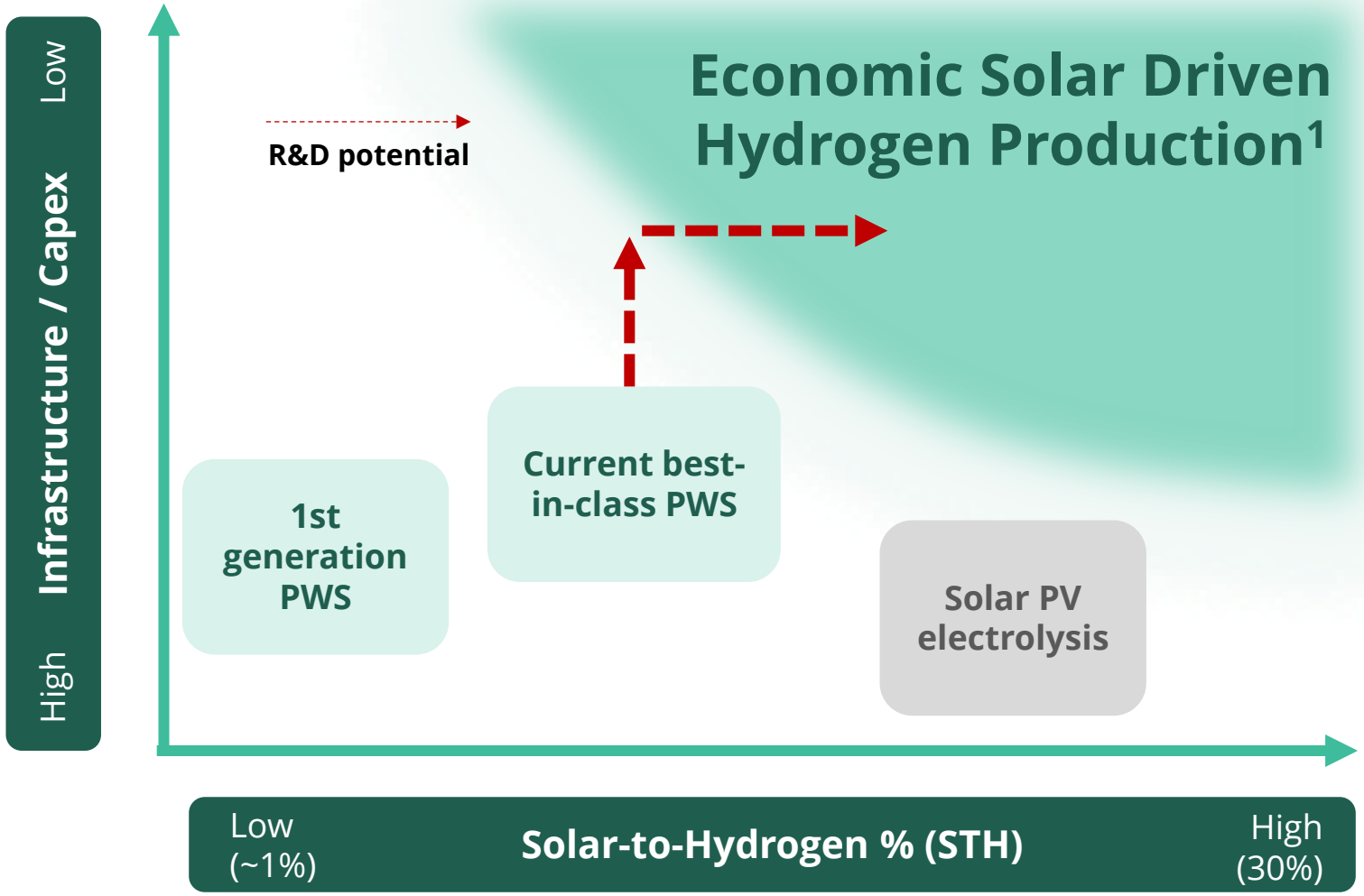
Producing green hydrogen via PWS is directly comparable to producing green hydrogen using solar PV and electrolysis.

Incumbent Tech: Electrolysis



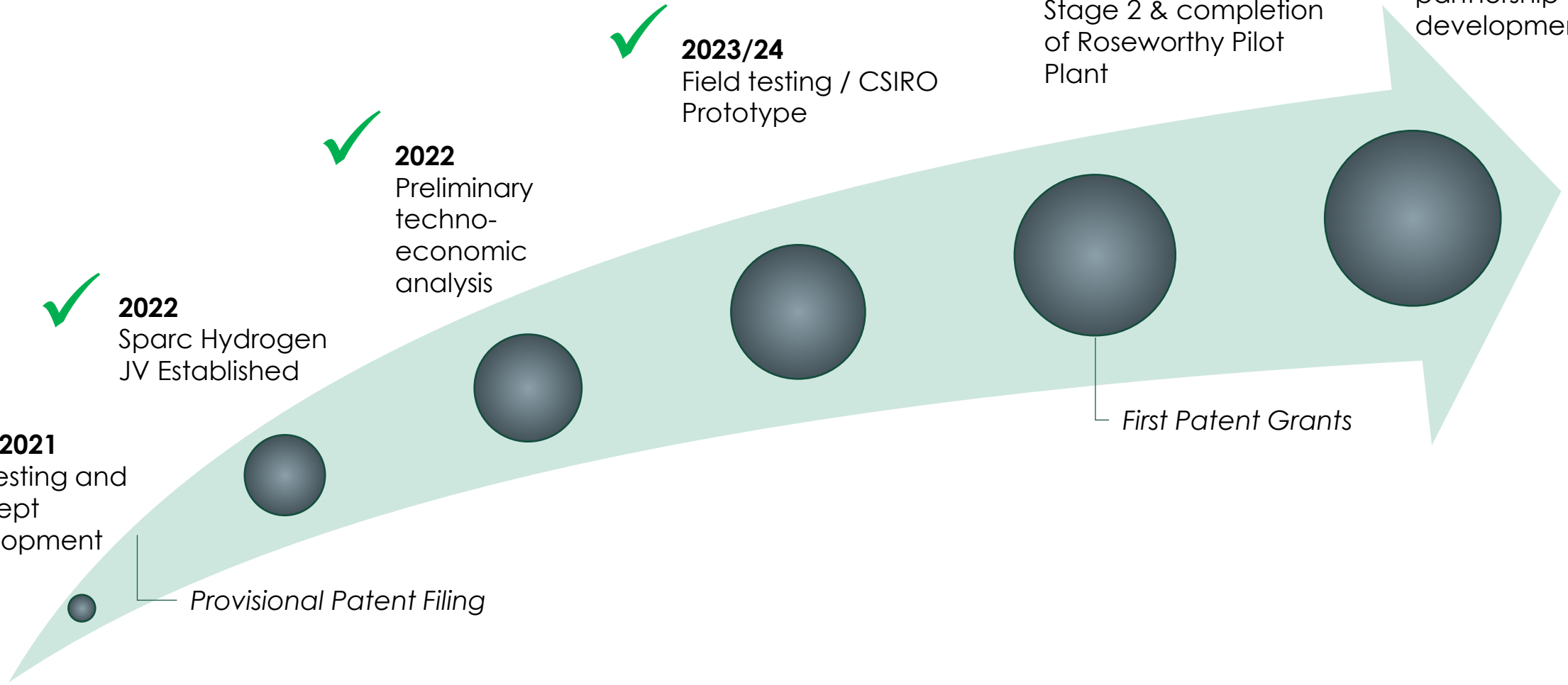
Economic Drivers & Potential of PWS

- The economic viability of solar driven electrolysis and PWS is directly related to both capital intensity and energy efficiency (STH %), which in turn determines the hydrogen production rate.
- Incumbent technology (Solar PV + electrolysis) is limited by already high energy efficiencies approaching theoretical limits and costly infrastructure requirements.
- With further research & development next generation PWS technology provides high potential for low cost H_2 production[2] via:
  - Improvements in energy efficiency relative to current best-in-class photocatalyst materials (5-10% STH) compared to limits of ~30%.
  - Scaling of simple, low cost reactor infrastructure such as is being developed by Sparc Hydrogen.



1. Adapted from: Chem. Soc. Rev., 2019, 48, 1908-1971
2. See ASX Announcement 12 October 2022

Development Pathway



High Potential / High Reward Technology

Low cost

Simple infrastructure and STH % improvements drives low cost potential

Solar driven

Sunlight is the only energy input driving the reaction

Scalable

Concentrated solar infrastructure is inherently scalable

Industrial heat

Green heat provides additional by-product revenue potential

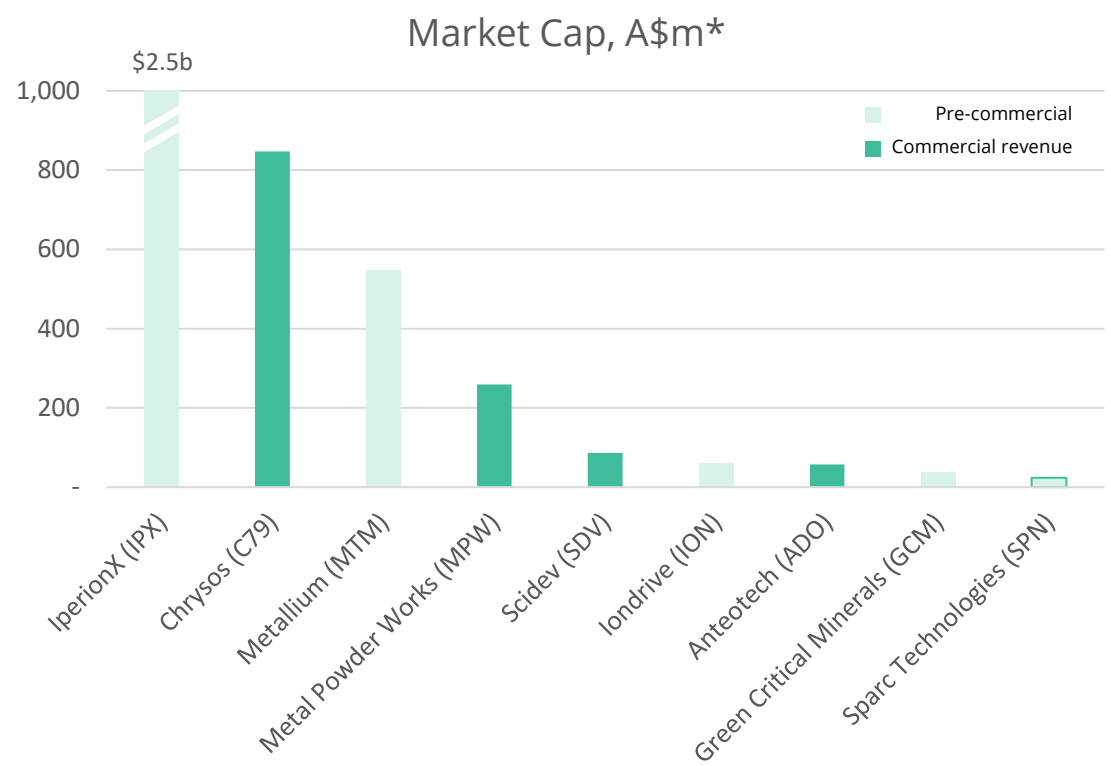
Emission-free

Water + sunlight = green hydrogen

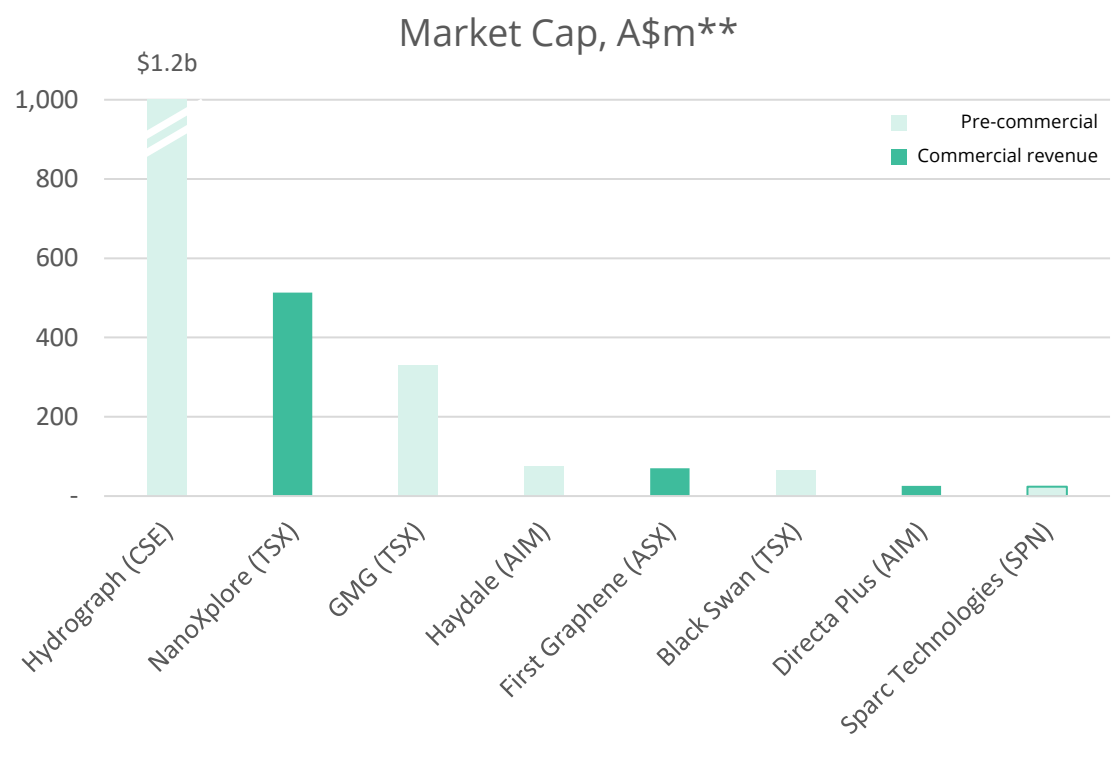
UNIQUE INVESTMENT OPPORTUNITY

Strong Tailwinds for Critical Technologies

ASX industrial technologies



Global graphene manufacturers



Sustainability and critical industrial technologies are seeing generating significant investor interest, as are overseas graphene manufacturers

* As at 30 January 2026
** As at 29 January 2026

Investment Highlights

- **Innovative Technologies with Unique and Leading Market Positions:** Provides two shots at major market disruption over the next 6 – 12 months.
- **Strong Partners Provide Validation and Market Access:** Across both Sparc Hydrogen and **ecosparc®** the Company is working with industry leading parties providing expertise and access to markets.
- **Graphene**: **ecosparc®** offers near term revenue potential within the multi-billion dollar protective and marine coatings markets with additional blue-sky through R&D projects in sustainable packaging, antifouling and AI.
- **Sparc Hydrogen:** Joint venture is fully funded through pilot plant testing which is expected to accelerate partnerships and derisk commercial scale-up.
- **Valuation Upside:** Graphene and hydrogen peers trade at materially higher valuations despite being less advanced. With **ecosparc®** achieving first commercial revenue and a fully funded hydrogen pilot project operating, Sparc Technologies offers clear re-rating potential.

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