Commercialising Graphene Today
Advancing Next-Gen Hydrogen for Tomorrow

June 2026

ASX: SPN

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Sparc's Technology Platform

Commercialised

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.

Corporate Snapshot

119m
Shares on issue

$36m
Market Cap*

$0.30
Share price*

$1.9m
Cash**

~40%
Top 20 s/holders

5.5%
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

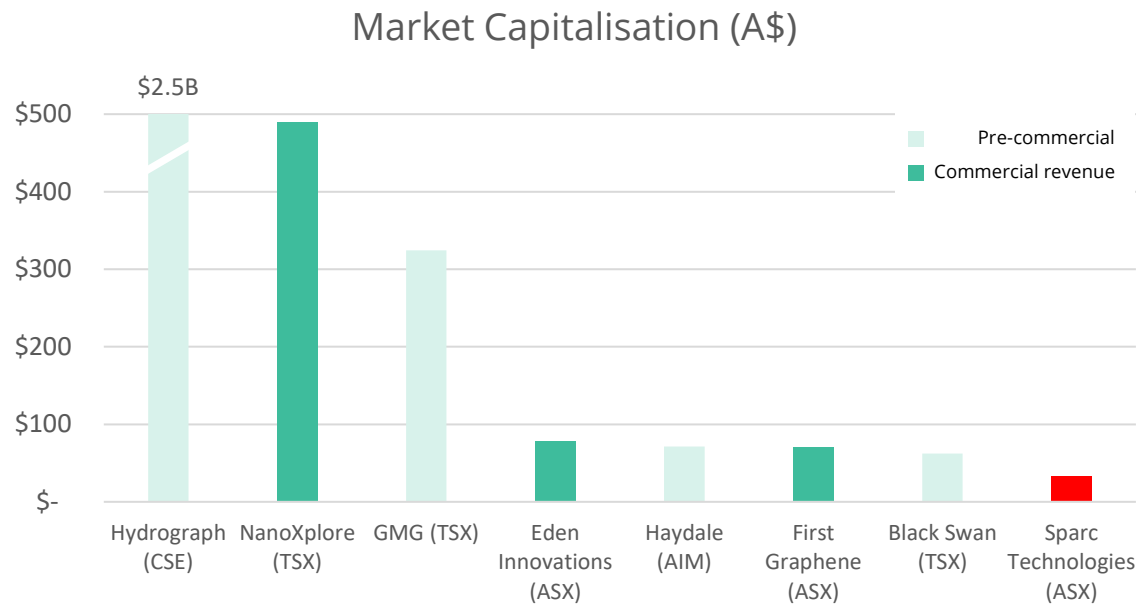
Key Partners & Collaborators

Fortescue
AkzoNobel
Government of South Australia
Department for Infrastructure and Transport
Santos
Dulux
BHP
BMA
BHP Mitsubishi Alliance
Adelaide University
HYDROGRAPH
DETMOLD GROUP
PETROVIETNAM PV PAINT

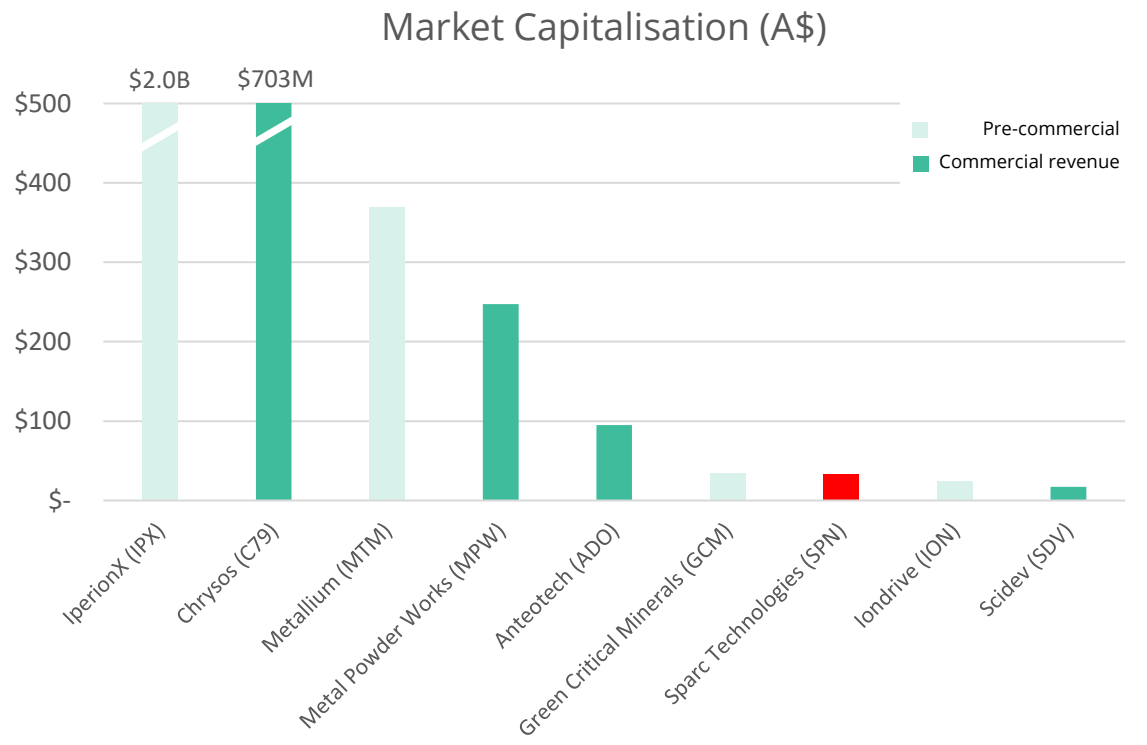
* As at 9 June 2026
** As at 31 March 2026

Significant Tailwinds for Industrial Tech

Global graphene players



ASX industrial technologies



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

* As at 2 June 2026

ecosparc®

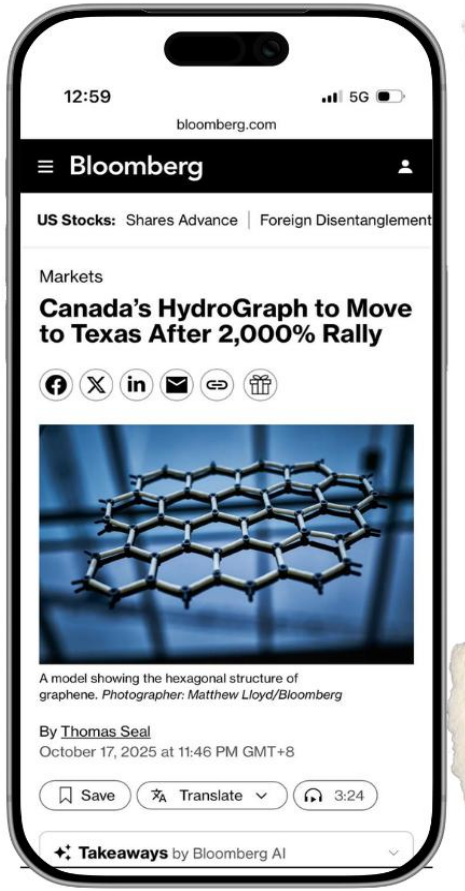
Tackling Corrosion With Enhanced Steel Coatings

AkzoNobel Dulux PETROVIETNAM PV PAINT 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 a Nobel prize winning* ***super-material*** *made of carbon atoms arranged in a 2D-lattice which has unique and powerful properties….*



"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

About ecosparc®

***ecosparc®** is the market-leading graphene based additive for epoxy-based **protective coatings** which significantly boosts anti-corrosive performance*

Extensive Data Package

- **9 rounds** of cyclic corrosion testing to ISO standards and **>4,000 panels** across a range of supporting tests
- Corrosion performance (creep) improvements ranging from **26% to 79%** in a range of epoxy-based protective coatings
- **~24 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 Graphene Sourcing & Dispersion

Why Enhanced Protective Coatings Matter…

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)

First ecosparc® Enhanced Coating to Market

- **Sparc is working with AkzoNobel, a tier 1 global coatings manufacturer**
- **AkzoNobel has commercialised ecosparc® enhanced Interzone® 954 in Australia**
- **Interzone® 954 has a successful >25 year track record in Australia and globally**
- **First widely used protective coatings product to incorporate ecosparc®**
- **Product availability commenced in May 2026**
- **Responding to growing market interest in graphene enhanced protective coatings**
- **Platform for revenue growth for Sparc Technologies**

About AkzoNobel

Global leader
in paints and coatings

€10.2bn
Revenue (2025)

Netherlands
HQ

~€11.4bn
Market Capitalisation[1]

Operations in **>150**
countries

~31,500
employees

Interzone® 954

*"**Interzone® 954** has a **long and successful track record of >25 years** in Australia and around the world, providing outstanding long term corrosion protection for steel structures in diverse industries including mining and mineral extraction, oil and gas production and refining, and offshore wind energy….Interzone® 954 is the industry's first choice for reliable long term corrosion protection."*

1. As at 2 June 2026

ecosparc® enhanced Interzone® 954

Graphene sourcing

Additive manufacturing

Paint manufacturing

End customers[1]

1. Product availability in Australia from May 2026

Dual Track Approach to Market

Coatings Manufacturers

Illustrative 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
- Product releases, sales and commercialisation deals

Coatings Users

Illustrative 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

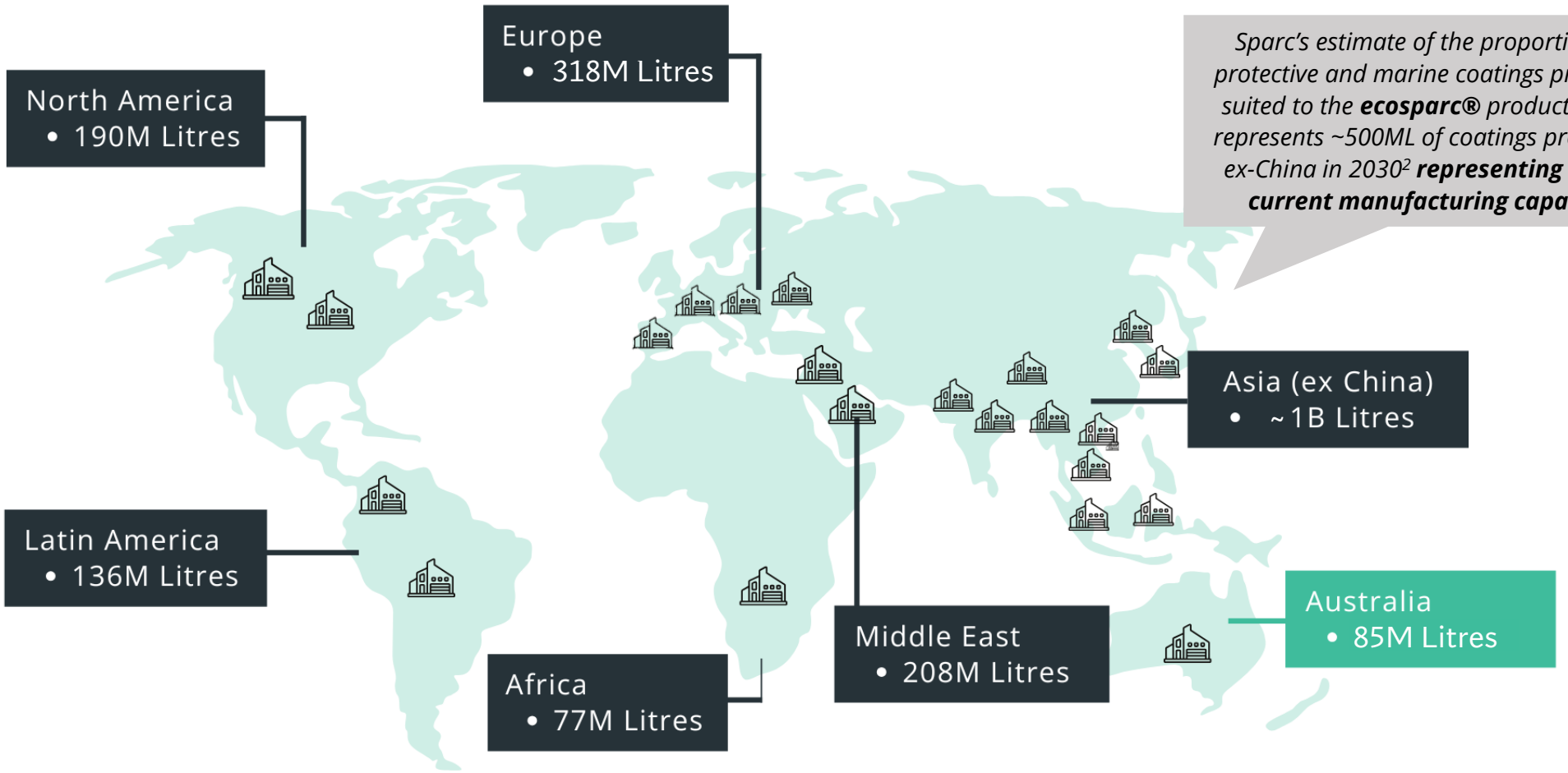
Modular Production Established

- 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 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]



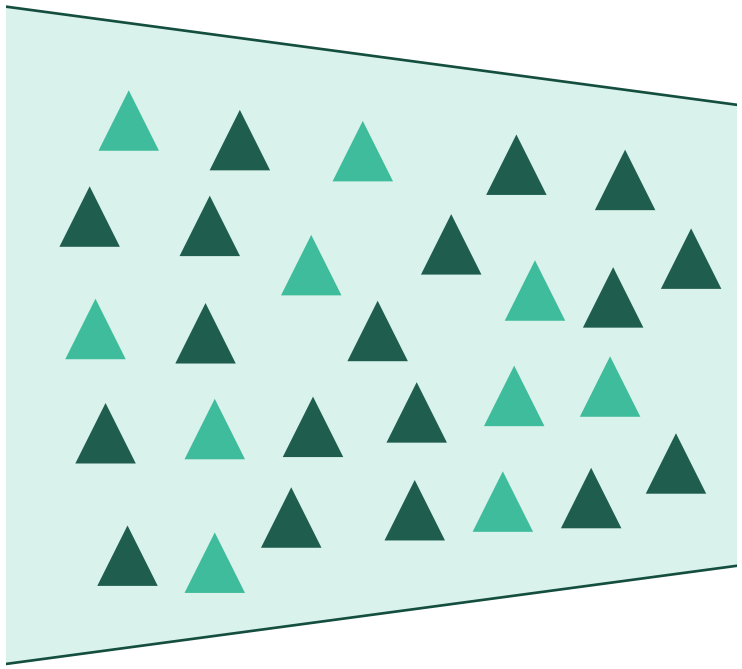
*Sparc's estimate of the proportion of protective and marine coatings products suited to the **ecosparc®** product (25%) represents ~500ML of coatings produced ex-China in 2030[2] **representing >100x current manufacturing capacity***

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

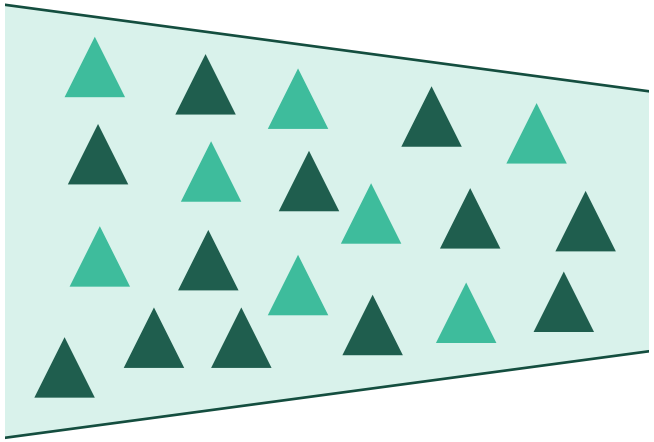
Potential Customer Pipeline Contains Global Coatings Manufacturers & End-users

Active NDAs[1]



28 counterparties

Active Testing Programs & Field Trials



20 counterparties

Commercial Purchasers

2 counterparties

Asset owners

Coatings & additive manufacturers

1. Excludes NDAs with graphene suppliers and other service providers.

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

Patented Reactor Technology

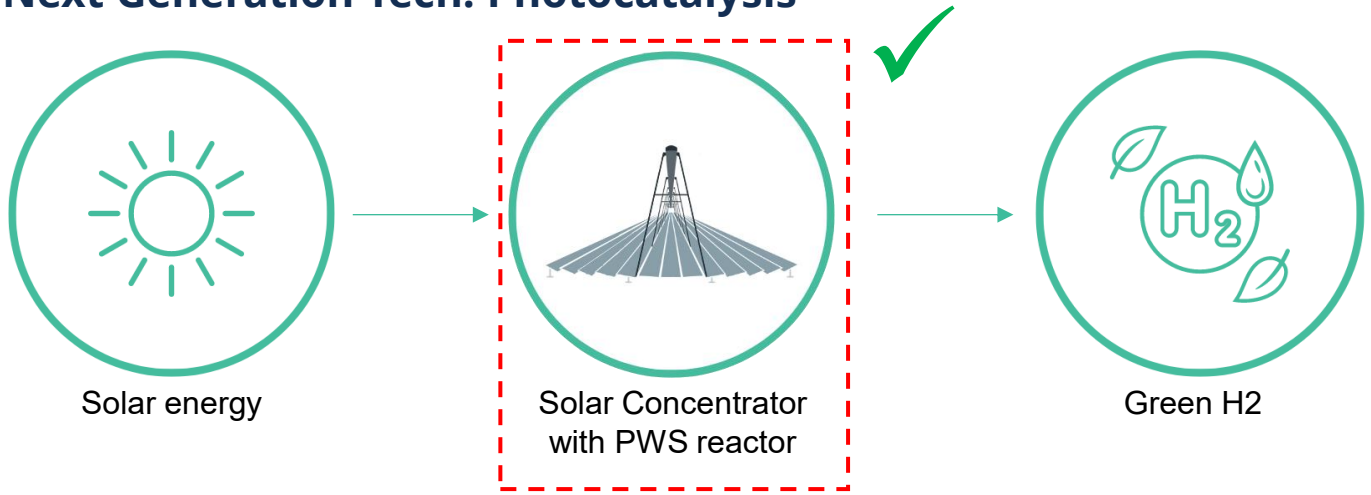
Sparc Hydrogen's patented reactor technology utilises concentrated solar energy to drive more efficient and cost-effective green hydrogen production using photocatalytic water splitting (PWS)

First gas production achieved Dec-25

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

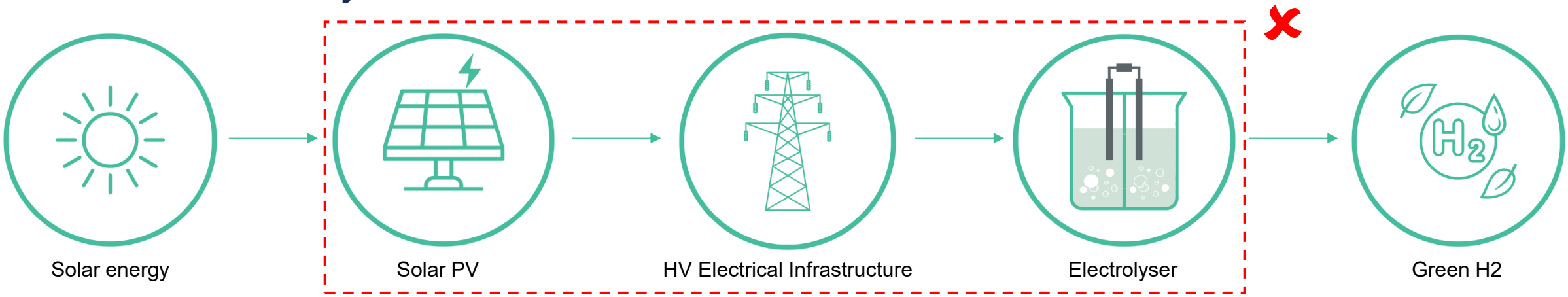
Simple, Low Cost Infrastructure is Key

Next Generation Tech: Photocatalysis

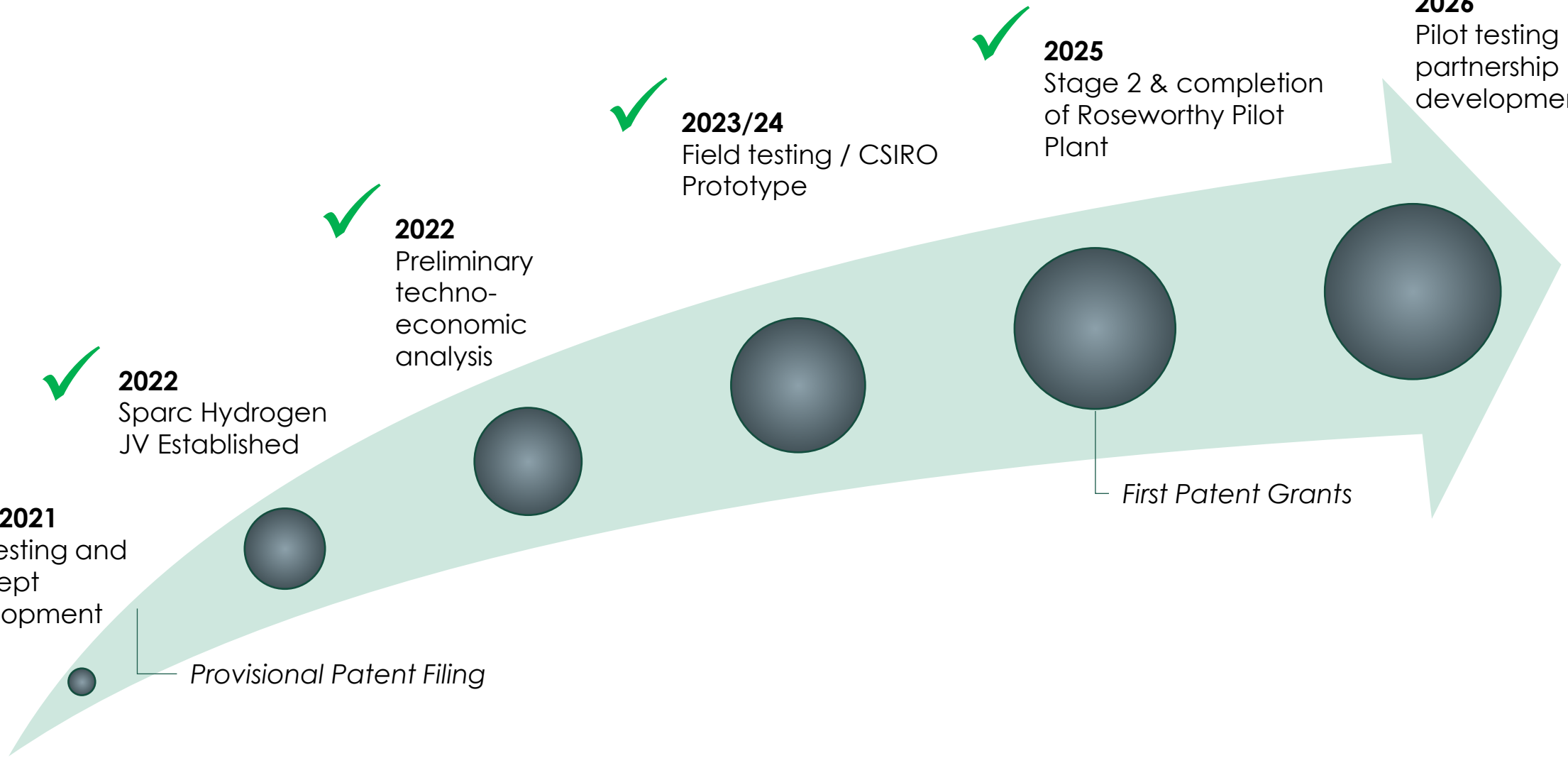


Producing green hydrogen via PWS is directly comparable to producing green hydrogen using solar PV and electrolysis.

Incumbent Tech: Electrolysis



Development Pathway



Significant ‘Blue Sky’ Green 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

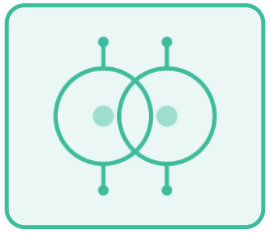
2026 Priorities

Global rollout of ecosparc®

Sparc is actively working with global coatings leaders and further product releases are expected in H2 2026.

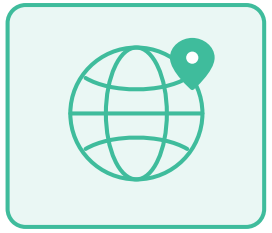
Consolidate market leadership

In PWS green hydrogen technology through partnering with leading photocatalyst developers.



Deepen strategic partnerships

With key graphene and other industry players to support and accelerate commercial deployment.



Enhance profile & liquidity

In US and European markets through targeted engagement and secondary listings.

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:** The Company is working with industry leaders across both technology segments providing expertise and access to markets.
- **ecosparc®** offers growing 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 commercial adoption and a next-generation hydrogen production pilot operating, Sparc Technologies offers clear re-rating potential.

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