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ASX ANNOUNCEMENT

10 November 2025

Sparc and Dulux to Collaborate on ecosparc® Enhanced Protective Coating

HIGHLIGHTS

- **Sparc Technologies and Dulux Australia to collaborate via the application of an ecosparc® enhanced Dulux Protective Coating system on the Cape Jaffa Lighthouse**
- **This represents Sparc's first collaborative coatings project with Dulux Australia and its fifth real-world application delivered in conjunction with major coatings manufacturers**
- **Cape Jaffa Lighthouse is a historic National Trust asset located in Kingston S.E., SA**
- **Coatings application is scheduled to occur during November and December 2025**
- **A webinar focused on the development and commercialisation of Sparc's graphene based additives is to be held at 11:30am AEDT on Wednesday, 12 November 2025**

Sparc Technologies Limited (**ASX: SPN**) (**Sparc, Sparc Technologies** or the **Company**) is pleased to announce the commencement of a collaborative coatings project with Dulux Australia (**Dulux**) on the Cape Jaffa Lighthouse in Kingston South East. The project will see Sparc's flagship graphene based additive, **ecosparc®**, incorporated in Dulux's epoxy-based protective coating, Durebild® STE as part of a Dulux Protective Coating system to provide durable protection to this historic landmark.

Preparation for this project has been ongoing for several months, with maintenance works on the Cape Jaffa Lighthouse due to commence on 10 November 2025 and conclude by December 2025. This collaboration extends Sparc's strategy of working with asset owners and major coatings companies to demonstrate the performance advantages of **ecosparc®** enhanced coatings in real-world environments. The Cape Jaffa Lighthouse, built in 1872, is a historically important asset which is listed on the South Australian State Heritage Register. It is exposed to highly corrosive coastal conditions making it ideal for showcasing **ecosparc®** enhanced coatings. Importantly, this is the first **ecosparc®** field trial conducted with Dulux, within a highly regarded and widely used protective coatings .

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

> *"This collaboration with Dulux Australia is a meaningful step on the pathway towards commercialisation for Sparc, representing the second major coatings manufacturer engaging with ecosparc® enhanced products in the field. The Cape Jaffa Lighthouse is an iconic National Trust asset and we are privileged to play a role in protecting this important piece of South Australian history well into the future. This collaboration builds on recent momentum behind ecosparc® which we are confident will play a meaningful role within the US$33bn protective coatings market[1]."*

[1] Average market forecast from Snsinsider, Fortune Business Insights, Mordor Intelligence (PC), Research Nester, Researchandmarkets, Strategic Market Research, Mordor Intelligence (Marine) and Technavio

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Dulux Australia Protective Coatings General Manager, Vin Brereton commented:

"Dulux Australia has a long history of driving innovation and performance through strong investment in research and development. This latest strategic collaboration with Sparc Technologies will provide a real-life performance study of novel graphene-epoxy coating technology currently in development. Whilst graphene has been available for several years, understanding where it provides value-adding performance has proven challenging to the industry. Working with Sparc we are confident of developing new Protective Coatings which deliver improved corrosion protection. Field trials such as this, along with our rigorous R&D regime, help ensure the new technologies we bring to market exceed our customers' and consumer expectations for application and long-term performance."

National Trust of South Australia commented:

"The National Trust of South Australia's Kingston SE Branch has been working with Sparc Technologies and Dulux Australia over a number of months planning for the rectification and recoating of the Cape Jaffa Lighthouse. We are exceptionally pleased that this iconic Australian piece of history is being coated with a system including an ecosparc® enhanced Dulux Protective Coating to provide longevity to the asset and protect it from corrosion."

The Cape Jaffa Lighthouse is an iconic South Australian cast iron structure which sits prominently on the foreshore at Kingston South East. From 1872 to 1973, it was located on the Margaret Brock Reef, 8km offshore from Cape Jaffa, before creating Australian history when it became the first offshore lighthouse to be dismantled and relocated onshore. In 1973, the Federal Government de-commissioned the light station and gifted the lighthouse to the National Trust of South Australia. It opened in 1976 as a museum and is now managed by the Kingston S.E. Branch of the National Trust South Australia. The Cape Jaffa Lighthouse is listed on the South Australian State Heritage Register.

Figure 1: Cape Jaffa Lighthouse, Kingston SE, South Australia

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Investor Webinar

Managing Director, Nick O'Loughlin, will host an investor webinar to provide an update on the development and commercialisation of Sparc's graphene based additives.

Webinar Details:

- **Date:** 12 November 2025
- **Time:** 11:30AM AEDT / 8:30AM WST
- **Registration Link:** https://us02web.zoom.us/webinar/register/WN_YAtz0LwHS-6Kajudddgozg

Upon registering, attendees will receive an email containing information about joining the webinar. A replay will also be made available via Sparc's website and social media channels. Questions can be sent in advance of the webinar to spitaro@nwrcommunications.com.au

Commercialisation Pathway

Sparc is progressing a dual-track approach to commercialise the **ecosparc®** graphene based additive in widely used epoxy-based protective coatings, targeting both major coatings companies and large asset owners. Sparc is actively engaged with five of the eight largest global protective coatings companies and major asset owners including BHP, Santos and the South Australian Government on field trials and testing of **ecosparc®**. In addition, Sparc is working with several oil & gas companies on confidential testing programs. Sparc views the strong level of engagement from the coatings industry and asset owners as evidence that graphene is gaining traction as a product enhancement tool and that Sparc is seen as a leader in this emerging area due to its experience and extensive data.

With field trial results and lab testing in commercially applicable products progressing during 2025, Sparc expects commercial acceptance and adoption of **ecosparc®** enhanced products during FY26. As commercial manufacturing capability is already established, the Company expects to support ramp up of product volumes without a significant increase in investment or working capital. The target addressable market for **ecosparc®** within the broader anticorrosive protective coatings market is estimated at ~US$1.0bn per annum[2].

About ecosparc® - A performance additive for protective coatings

Sparc Technologies has conducted over 6 years of research and development on **ecosparc®**, its flagship graphene based additive range. The addition of very small quantities of **ecosparc®** has demonstrated substantial anti-corrosion improvement in commercially available epoxy-based coatings, ensuring the reliability, longevity, safety and cost-effectiveness of the steel infrastructure they cover.

In 2023, the Company commissioned its **ecosparc®** commercial production facility. The facility enables Sparc to provide commercial quantities of graphene based additive product for the coatings industry and to support field trials. Multiple global coatings companies continue to undertake product evaluation of **ecosparc®** in their anti-corrosive coatings. Further to this, Sparc is progressing a campaign targeting asset owners with a view to conducting field trials utilising **ecosparc®** enhanced coatings on key steel infrastructure such as frames, tanks and structures in a variety of corrosive environments. Infrastructure owners being targeted include government, defence, mining, and oil and gas companies.

[2] Calculated based on Sparc's estimate of the proportion of products in the global protective and marine coatings markets suited to the ecosparc® product (25%) along with Sparc's proposed selling price relative to coating sales value in 2030. 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.

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-ENDS-

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

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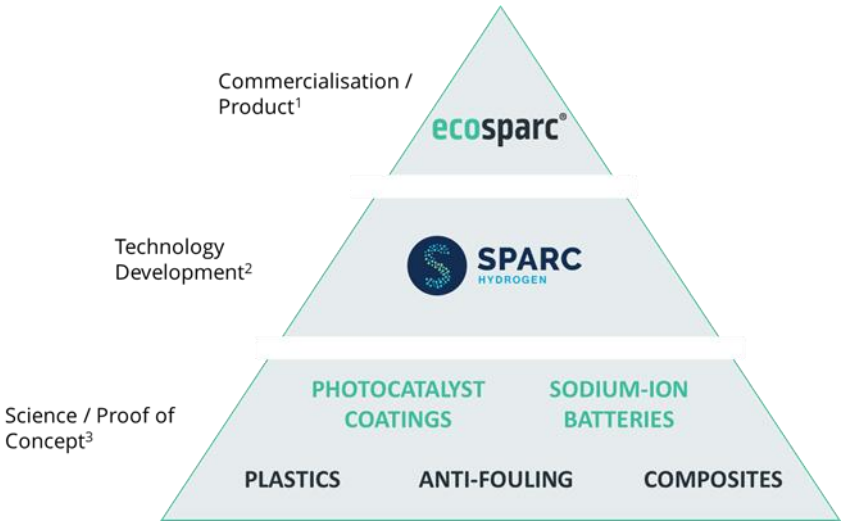
About Sparc Technologies



Sparc Technologies Limited ('Sparc', ASX: SPN) is an Australian technology company developing solutions that enhance environmental and sustainability outcomes for global industries. Sparc has two transformative technology areas in which it works: green hydrogen and graphene enhanced materials. Sparc conducts research and development in-house and has extensive engagement and relationships with the university sector in Australia and globally.

1. **Sparc Hydrogen** is a joint venture between Sparc Technologies, Fortescue Ltd and the University of Adelaide which is pioneering next-generation green hydrogen production technology. Photocatalytic water splitting (PWS) is an emerging method to produce green hydrogen without electrolysers - using only sunlight, water and a photocatalyst. Given lower infrastructure requirements and energy use, PWS has the potential to deliver cost and flexibility advantages over existing hydrogen production methods.

2. Sparc has developed and is commercialising a **graphene based additive** product, **ecosparc®**, which at low dosages significantly improves the performance of commercially available epoxy-based protective coatings. Sparc has commissioned a manufacturing facility to produce **ecosparc®** and is engaging with global coatings companies and large asset owners on testing, trials and commercial partnerships.

For more information about the company please visit: sparctechnologies.com.au

For more information about Sparc Hydrogen please visit: sparchydrogen.com