

Sparc Technologies and Detmold Packaging enter into Collaboration Agreement

HIGHLIGHTS

- Sparc and Detmold Packaging have entered into a Collaboration Agreement with a view to developing graphene-enhanced paper packaging products
- Detmold Group, established in 1948, is a global leader in sustainable paper and board packaging solutions with over 2,800 employees across 17 countries
- The collaboration involves developing and testing Detmold paper packaging products with Sparc's graphene additives to improve sustainability and performance

Sparc Technologies Limited (ASX: SPN) (**Sparc, Sparc Technologies** or the **Company**) is pleased to announce the execution of a Collaboration Agreement with Detmold Packaging Pty Limited, a wholly owned entity of the Detmold Group (**Detmold**). The Collaboration Agreement outlines the framework under which the parties will undertake research and development with a view to developing paper packaging products with improved barrier resistance, weight, strength, flexibility and/or durability, through the use of graphene.

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

"Sparc is very pleased to be working with a global sustainable packaging leader like Detmold to develop graphene enhanced paper packaging products. This collaboration is a logical extension of our R&D in epoxy coatings into other polymers and represents our approach of working collaboratively with end users to develop fit-for-purpose graphene additives and products."

The Collaboration Agreement with Detmold represents a continuation of Sparc's strategy to apply its deep expertise in developing graphene additives for coatings into adjacent polymer markets. This agreement follows collaborative discussions between Sparc and Detmold since Q2 2024.

Sparc's key obligations, as outlined in the Collaboration Agreement, are to produce and conduct initial testing on graphene-enhanced polymers suitable for Detmold's paper packaging products. Detmold's obligations are to incorporate the graphene-enhanced polymers into packaging products and conduct laboratory testing to relevant packaging industry standards. Subject to meeting pre-agreed performance requirements the parties may jointly agree to conduct pilot trials at shared cost. The financial impact of the Collaboration Agreement is not expected to be material in the near term; however, it is considered strategically significant as it marks a key milestone in the expansion of the Company's R&D in graphene additives into adjacent polymer markets. The commercialisation of any Detmold paper packaging products incorporating Sparc's graphene-enhanced materials will be governed by the



terms of a separate agreement between the parties to be negotiated in the future. The term of the Collaboration Agreement is 24 months, unless terminated by the parties earlier.

About Detmold Group

Detmold Group is an Australian family owned and operated business established in 1948. Over more than 75 years, Detmold Group has expanded operations to 17 countries, employing 2,800 people and producing over 20,000 distinct food and retail packaging products. The group supplies premium packaging solutions to some of the world's largest and most iconic food and retail brands and is committed to sustainability, including reducing waste and designing packaging ranges to be reusable, recyclable and compostable.

-ENDS-

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

For more information:

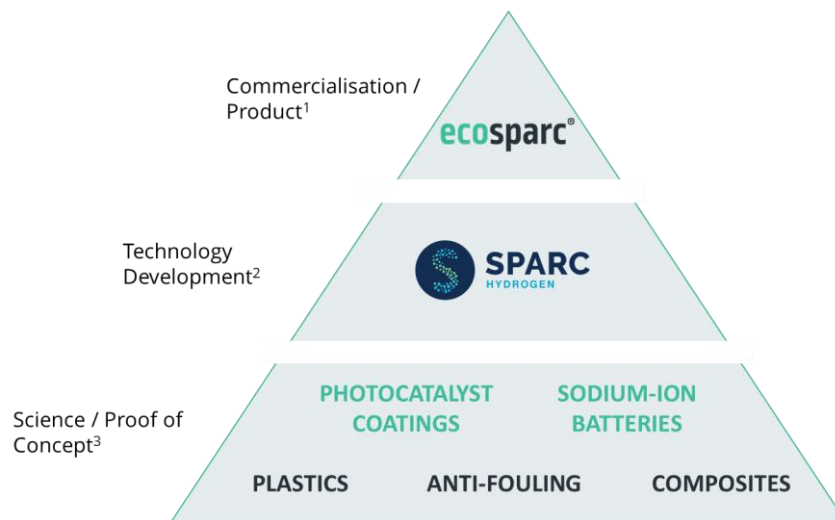
Nick O'Loughlin
Managing Director
info@sparctechnologies.com.au

Aiden Bradley
Investor Relations
aiden@nwrcommunications.com.au
+61 414 348 666

Download the dialog app
and message the Sparc
Technologies
management team today.



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 Limited 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 electrolyzers - 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

For more information about **ecosparc®** please visit: ecosparc.com.au

