

The Creative SPARC

INSPIRE • INNOVATE • IGNITE



SPARC – Driving Innovation Every step of the Way

At SPARC, innovation isn't just a buzzword – it's embedded in everything we do. Each year, we gather for our strategic workshop to assess past achievements, analyse new discoveries and chart our course for the future and company growth.

This ongoing process allows us to consistently innovate, create valuable intellectual property (IP), and deliver groundbreaking solutions that benefit both The Harrison Group of Companies and our current and future customers.

SPARC SNAPSHOT!

THIS ISSUE

Unpacking the challenge of staying ahead whilst driving true innovation.

Fueling Project Pipeline: Three New High-Potential Projects Approved for Growth and Innovation.

Collaborating For The Future: The Connections and Inspirations from Sydney Water Innovation Festival 2025.

From Concept to Reality: Announcing Our First IP Project Scale Up, Poised to Generate Recurring Revenue.

Powering Up

Our Project Pipeline

Our strategic workshop revealed that the systems and processes we've implemented are beginning to deliver results. While we're on the right track, it's time to ramp up our project pipeline with high growth potential and technical promise. We've approved three exciting new projects in high-growth sectors – energy, sustainability, and construction – including groundbreaking work in rechargeable battery materials, green chemistry coatings, and recycling end-of-life tyres.

All of these projects are in the "Proof Of Concept" approval stage- a crucial stage to quickly test the technical hypothesis for projects with strong business potential. This process allows us to rapidly validate ideas, harvested from across the Harrison Group, and either integrate them into our project pipeline or pivot toward even more valuable research opportunities.

These exciting new research projects align with our purpose to empower tomorrow's solutions today, offering the potential for significant societal and economic impact. We're excited to see where these projects lead and the valuable collaborations they can unlock.



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Collaborating for the Future: Sydney Water Innovation Festival 2025

We're always looking to push the boundaries of innovation, which is why the SPARC team attended the Sydney Water Innovation Festival 2025 (SWIF25) in March. At the festival, we engaged with industry leaders on critical topics like circular economy, innovation for the future, regenerative sustainability, and strategic innovation frameworks (from ideation to deployment).

Through insightful panel discussions and case studies, we gained valuable knowledge on water quality management, AI integration, and the future of water utilities – one of our 6 key industrial areas.

We're especially excited about applying insights from our Li frother project, developing sustainable, bio-based frothers and collectors which focuses on sustainable, bio-based solutions for industries like water treatment. Key discussions focused on innovative approaches to wastewater reclamation, focusing on sustainability and efficiency. Experts highlighted cutting-edge technologies (i.e., bio-based materials) and strategies for improving water reuse in urban and industrial areas.

The connections and inspirations from SWIF25 will undoubtedly fuel our growth and innovation and influence our water treatment project with UNSW in our Industry PhD award.



FUN FACT

The world's largest tyre manufacturer, by volume, produces over 300 million units per year – roughly 50% more than the number two manufacturer.

The company isn't Goodyear or Dunlop or Yokohama....it's **LEGO!**



From Concept to Reality: Our First IP Scale Up

We are thrilled to announce that our first IP project – a novel EP additive for metalworking fluids and industrial gear oils is undergoing scale-up trials and benchmarking this month. This milestone marks the beginning of a new chapter for SPARC as we prepare to transfer this technology to our sister company, Harrison Manufacturing Company, by the fourth quarter of this financial year.

This will generate a recurring revenue stream for us, combining cutting-edge technology with sustainable materials to create a product that is poised for success, whilst overlapping with the core business of The Harrison Group – lubricant manufacturer and distribution.



“The best way to predict the future is
to invent it – together.”

Alan Kay – American computer scientist.



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Stay tuned for exciting updates on our commercialisation journey by subscribing to our quarterly newsletter “The Creative SPARC”. At Harrison SPARC, we’re committed to driving innovation, and we want you to be part of the journey. By subscribing, you’ll get insights into our latest projects, developments, and milestones as we work towards bringing our innovations to life.

Don’t miss out, stay informed as we make groundbreaking strides in commercialising our vision.

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