



Nandina REM

Media Release

Nandina REM competes in JEC World 2025's Startup Booster as Sole Asian Finalist

Among 20 finalists, the company is also poised to showcase the world's first aviation-grade circular carbon fibre



PARIS, FRANCE, March 2025 – Nandina REM has secured a coveted spot among the 20 finalists in this year's edition of Startup Booster at **JEC World 2025**, the premier international composites show. Held at the Paris Nord Villepinte Exhibition Centre, Nandina REM will be competing in the "Process, Manufacturing & Equipment" category as the only Asian company, standing out from over 200 applicants with its novel solutions in aviation circularity.

The company will also showcase its world-first aviation-grade circular carbon fibre at the event. Nandina REM's pioneering solution transforms highly engineered assets - starting with retired airplanes - into new sources of high-quality materials ready for a wide range of industries and applications, ultimately supporting manufacturers who are increasingly facing supply chain uncertainty and growing pressure to create sustainable innovations.

Nandina REM's aviation-grade circular carbon fibre delivers material performance on par with virgin alternatives. Reducing manufacturing costs and requiring 71% less energy to produce, these products are tailored for advanced manufacturing applications, including aircraft cabin interiors, electric vehicle battery casings, and high-performance automotive components.



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Nandina REM also reclaims a number of other high-value materials, such as aluminium, copper, textiles such as wool yarn, and plastics, offering manufacturers greater material availability and reliability of supply.

Dazril Phua, COO of Nandina REM, shared, “At JEC World 2025, we’re excited to demonstrate how our aviation-grade circular carbon fibre addresses two critical challenges in advanced manufacturing: ensuring consistent access to high-quality materials, and achieving sustainability goals. By delivering a cost-competitive, high-performance product, we’re enabling manufacturers to integrate sustainable practices without compromising on performance or affordability.”

The science behind the solution

Through its [proprietary recovery process](#), Nandina REM preserves the structural integrity of reclaimed carbon fibre, ensuring it meets stringent quality standards for high-performance applications. With over 15,000 aircraft expected to be decommissioned in the next decade, Nandina REM is turning waste into value for advanced manufacturing and supporting the global demand for critical minerals and resources.

Driving industry-wide impact

Nandina REM’s solutions align with its commitment to decarbonising global supply chains and fostering circularity. As one of the founding organisations of the [Aviation Circularity Consortium \(ACC\)](#), the company is driving collaboration across the aviation ecosystem to scale sustainable practices. Launched last November, [the ACC’s latest industry roadmap](#) offers actionable steps for integrating circular materials into supply chains, reducing emissions, and enhancing resource efficiency.

Showcasing sustainable innovations at JEC World 2025

At JEC World 2025, visitors can explore Nandina REM’s circular carbon fibre and learn about its potential applications across diverse industries. The company’s exhibit at **Booth 6H04** will feature material samples, insights into the recovery process, and a closer look at how aviation-grade circular materials are driving the future of sustainable advanced manufacturing.

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About Nandina REM

Nandina REM delivers supply chain certainty for critical minerals and materials in advanced manufacturing. Our mission is to transform every highly engineered asset across the globe into a new resource, starting with retired aircraft - thousands of which are retired globally, with 90% being reusable or recyclable. We implement end-to-end innovation, bringing together industry expertise and material reprocessing technology to drive impact at scale, underpinned by advanced data collection and analytics. For more information, visit www.nandinarem.com and connect with us on [LinkedIn](#).