



PRESS RELEASE

CARBOTECH INNOVATIVE RETURNS TO JEC WORLD 2025 WITH PIONEERING PROJECTS

Teramo, February 24, 2025 – Building on the success of last year's event, Carbotech Innovative, part of a network of Italian companies operating in Abruzzo and Piedmont and specializing in advanced composite materials, is proud to announce its participation in JEC World 2025. The company will showcase its innovations in Hall 5, Booth D79, as part of the Made in Italy pavilion coordinated by ICE.

Aligned with its commitment to innovation and sustainability, Carbotech Innovative will present the **C.B.I. Project (Carbon Hybrid Back Injected)**. This state-of-the-art hybrid technology combines thermoforming and injection molding, delivering a process that enhances efficiency and product quality. Developed in partnership with Plastic Components, the project leverages advanced materials such as Tepex composite sheets, promising to transform the production of automotive components.

A highlight of Carbotech's cutting-edge offerings is the **carbon fiber swingarm manufactured using a water-soluble mandrel, part of the "No Mould Structural Components" (NMSC)** initiative. This breakthrough technology enables the creation of lightweight, high-performance structures with complex geometries, enhancing both stability and maneuverability. It represents significant advancement for high-demand sectors like motorsports.

Another standout innovation debuting at JEC World 2025 is the **Patchcarbon** Project, a sustainable solution for repurposing advanced composite materials. By reusing Pre-preg waste—carbon fiber pre-impregnated with resin—this project transforms discarded material into high-quality raw components for carbon-based products. With this patented technology, Carbotech Innovative not only reduces waste but also drives a circular economy model. Tests confirm that components made with recycled materials deliver performance on par with traditional products while significantly lowering environmental impact.

“JEC World is an unparalleled opportunity to showcase Italian excellence in composite materials,” says **Marco Pistillo**, CEO of Carbotech Innovative. “With the C.B.I. Project, the carbon fiber swingarm, and the Patchcarbon Project, we aim to demonstrate how technological innovation can drive sustainable and competitive growth. We look forward to welcoming visitors to Paris to explore the future of advanced materials together.”

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At the event, Carbotech Innovative will also display a range of its flagship carbon products, tailored for automotive, aerospace, marine, and other industrial applications. The company's core strengths include the use of innovative materials such as natural fibers, carbon, glass, epoxy, and thermoplastic resins, alongside a wide array of manufacturing processes (autoclave, press, injection molding, infusion, RTM), all supported by certified quality systems.

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