

C-INERTIA TO PRESENT ITS DISRUPTIVE CARBON FIBER WHEEL TECHNOLOGY AS PART OF THE FRENCH DELEGATION DURING THE FRENCH MOBILITY DAYS AT AUTO SHANGHAI 2025

A New Industrial Standard for Lightweighting in the Age of Electric and Intelligent Mobility



Shanghai, April 23, 2025

C-INERTIA, a French industrial company in automotive tech specializing in scalable carbon fiber wheel manufacturing, will participate in the French Mobility Days – China as part of the official delegation led by Business France, in collaboration with PFA, Mobilians, CARA, the French Foreign Trade Advisors, and Team France Export.

The initiative will take place on the occasion of Auto Shanghai 2025, held from April 21 to 30 at the National Exhibition and Convention Center in Shanghai. As one of the world's leading exhibitions for innovation in the automotive industry, with a particular focus on electric vehicles and the mobility of the future, C-INERTIA will be present at Auto Shanghai, where it will showcase its patented carbon wheel technology to global OEMs, suppliers, and mobility innovators.

This new milestone follows C-INERTIA's participation in CES Las Vegas 2025, the SEMA Show, and EICMA. These major international exhibitions have confirmed the growing global demand for industrial lightweighting technologies that combine structural performance, sustainability, and production readiness. China represents a strategic next phase for the company, not only as the



largest EV market worldwide but also as a key environment for advanced manufacturing collaboration and accelerated mobility innovation.

Founded in Aix-en-Provence, C-INERTIA has developed a proprietary automated Resin Transfer Molding (RTM) process capable of producing 100% carbon fiber wheels at industrial scale. These wheels are up to 50% lighter than aluminum, significantly reducing unsprung mass and improving vehicle handling, responsiveness, and braking efficiency. For electric vehicles, this weight reduction translates into increased battery range, lower consumption, and extended component lifespan.

Until now, carbon fiber wheels have been reserved for luxury and racing applications, due to cost and production limitations. C-INERTIA is redefining this landscape by making carbon fiber accessible for high-volume automotive platforms. Its manufacturing solution enables consistent quality, high repeatability, and industrial scalability. The wheels are fully designed and produced in France, with complete traceability and compliance with OEM-grade performance and durability standards. Pricing begins at \$950 per wheel, with a mid-term cost objective below €700, making them a viable option for premium and electric vehicle programs.

Auto Shanghai provides an ideal context to present this new industrial model. The previous edition welcomed over 900,000 visitors and 1,400 vehicle launches, positioning the event as a key hub for global automotive dialogue and technology deployment. In this setting, C-INERTIA aims to initiate conversations with forward-thinking OEMs, tier-one suppliers, and mobility partners looking to integrate lightweighting as a core pillar of performance and sustainability.

“Thanks to our proprietary manufacturing process, carbon fiber is no longer reserved for exclusive applications. It now stands as a viable structural solution for a wider spectrum of vehicle platforms and may become a defining material for the next generation of automotive design,” states Loïc Bernard, CEO of C-INERTIA. “We are honored to represent the excellence of French engineering as part of the national delegation led by Business France. Participating in Auto Shanghai and the French Mobility Days offers a privileged opportunity to engage with global industry leaders and to witness firsthand the level of innovation being driven by Chinese and international manufacturers alike.”

C-INERTIA's participation underlines the role of French innovation in global industry and reinforces the company's commitment to advancing performance-driven, low-impact materials for the automotive sector.

About C-INERTIA C-INERTIA is a French industrial company based in Aix-en-Provence, specializing in the design and manufacturing of carbon fiber wheels for motorcycles and automobiles. Through a proprietary industrial process developed in-house, the company offers a scalable, high-performance, and cost-effective lightweighting solution tailored to the needs of electric and premium mobility manufacturers.

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