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Arkema Invests in Continuous Composites, Strengthening Their Strategic Partnership

Arkema, a leader in high-performance materials for composites and photocurable liquid resins for additive manufacturing, is strengthening its partnership with Continuous Composites, creator of Continuous Fiber 3D Printing technology (CF3D®). Arkema has invested in the American start-up to rapidly advance the development of 3D composite manufacturing, a groundbreaking innovation for strong, lightweight structures.

[Continuous Composites](#) is a pioneering technology company that has reinvented composite manufacturing techniques using their extensively patented CF3D® technology with a complete solution including software, hardware, materials, and motion platforms. The company's core technology is driving a fundamental shift in composites design and manufacturing capabilities utilizing high-performance thermosets resins.

With world-renowned expertise in designing photocurable liquid resins, Arkema – through its Sartomer Business Line - has a specific N3xtDimension® offering for additive manufacturing processes and is now developing a new generation of solutions with their use for CF3D®. N3xtDimension® is part of the [3D Printing Solutions by Arkema](#) platform, delivering an unlimited array of solutions for all major 3D manufacturing technologies worldwide.

Having signed a Joint Development Agreement (JDA) in September 2019 the two companies have already succeeded in hitting key milestones with the ongoing co-developments focused on progressing N3xtDimension® photocurable resins for the CF3D® process. This co-innovation has enabled the production of customized and large-scale composite parts with high performance mechanical properties for applications in aeronautics, automotive, and energy sectors, among many others. Current development projects include collaborations with [Lockheed Martin \(US\)](#), [Air Force Research Laboratory \(US\)](#), and [Siemens](#)

“Our team diligently laid the foundation of our business and strategic relationships so when we enter the market, we have all the building blocks in place,” says Tyler Alvarado CEO and Co-Founder of Continuous Composites. “Arkema’s JDA and strategic investment demonstrates our commitment to bringing an exponential growth curve to various industries. We are enabling more innovation through our alliance with Arkema’s 60 years of material science expertise and our dedicated R&D capabilities.”

“We are delighted to strengthen our strategic partnership with Continuous Composites, which has an agile, reliable team with a very strong entrepreneurial spirit. Our investment is a testament to our belief in the market opportunity of CF3D®. This collaboration will accelerate the development of innovative materials and disruptive manufacturing technology,” says Sumeet Jain, Senior Director of 3D Printing Worldwide at Arkema.

About Continuous Composites

Continuous Composites, established in 2015 and headquartered in Coeur d'Alene, Idaho, owns the world's earliest granted patents on Continuous Fiber 3D Printing (CF3D®). Offering the most advanced composites and additive manufacturing solution, CF3D redefines mainstream manufacturing. The CF3D process leverages the power of composite materials with a 3D printing process to reduce the high cost, long lead times, and design constraints found in traditional manufacturing. CF3D elevates the use of composites by bringing tailorable, snap curing thermoset materials solutions to new applications. To learn more, visit www.continuouscomposites.com.

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About Arkema

Building on its unique set of expertise in materials science, Arkema offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, Arkema today is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials - Adhesive Solutions, Advanced Materials, and Coating Solutions - accounting for some 80% of Group sales, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, inter alia, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of €8.7 billion in 2019, and operates in some 55 countries with 20,500 employees worldwide. www.arkema.com

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