



Progress beyond

Press release

Solvay partners with BETA Technologies for Advanced Air Mobility Platform

BETA Technologies' electric aircraft to utilize Solvay's lightweight composite materials to enable zero-emission passenger and cargo air transit

Alpharetta, Ga., Oct 3, 2023

[Solvay](#) has been appointed as primary composite material supplier to [BETA Technologies](#), an electric aviation company based out of Vermont, with an office in Montréal, Canada. Solvay will provide BETA with qualification support and advanced materials for the production of their ALIA CTOL, electric fixed-wing aircraft, and ALIA VTOL, electric vertical takeoff and landing aircraft, developed for a variety of applications, including medical, cargo and passenger transportation.

"Solvay is proud to be the advanced material supplier of choice for BETA Technologies as they bring their new aircraft to market" said Marc Doyle, Executive Vice President, Composite Materials, Solvay. "These vehicles represent a new dawn in safe and efficient electric aviation. Solvay's unrivaled portfolio of composite, adhesive and specialty polymer solutions will help ensure the development of lightweight and certifiable aircrafts. Our technical team is supporting BETA and its partners both remotely and on site across material qualification, certification, and industrialization. We are excited to be involved in this pioneering program."

"We're focused on building the safest, most reliable, technically proficient and scalable electric aircraft, and that means starting from the strongest foundation possible, right down to the materials and systems we use," said BETA Technologies Founder and CEO, Kyle Clark. "We are proud to be collaborating with Solvay and benefit from their broad knowledge and experience of aerospace materials qualifications and unmatched technical support."

Solvay and BETA are collaborating to select and qualify a tailored suite of materials from [Solvay's broad portfolio](#) to meet the rigorous performance and rate demands of the Advanced Air Mobility (AAM) market. Composites and specialty polymers will be used for primary and secondary structures, as well as non-structural parts, combining multifunctional integration with high strength and low weight, as well as electromagnetic interference and lightning protection.



Related media



Solvay is BETA Technologies primary material supplier and is providing lightweight advanced materials for the production of BETA's electric aircraft family. The design of the electric aircraft will benefit from the use of Solvay's NCAMP qualified material systems. (Photo courtesy of Beta Technologies).

Media relations

Perrine Marchal
+32 478 32 62 72

media.relations@solvay.com

Business contact

Claire Michel
+44 7977 530 410

claire.michel@solvay.com

About Solvay

Solvay is a science company whose technologies bring benefits to many aspects of daily life. With more than 22,000 employees in 61 countries, Solvay bonds people, ideas and elements to reinvent progress. The Group seeks to create sustainable shared value for all, notably through its Solvay One Planet roadmap crafted around three pillars: protecting the climate, preserving resources and fostering a better life. The Group's innovative solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices, health care applications, water and air purification systems. Founded in 1863, Solvay today ranks among the world's top three companies for the vast majority of its activities and delivered net sales of €13.4 billion in 2022. Solvay is listed on Euronext Brussels and Paris (SOLB). Learn more at www.solvay.com.



About BETA Technologies

BETA Technologies is an electric aerospace company that is creating a new paradigm for transporting goods and people, making it greener, safer, and more efficient. To do this, we are building an electric transportation system that includes net-zero, all-electric aircraft and a cross-country, multimodal charging infrastructure to support various types of EVs.

Safety, simplicity, and pragmatism are at the heart of everything we do, from the design of our products to our approach to the market. The team brings experience from top global organizations, and takes a hands-on, multi-disciplinary approach to problem-solving and innovation. To foster a deep understanding of aircraft, engineering, and a connection to the mission, each BETA team member has the opportunity to become flight-certified at no cost.