

AZL Joint Partner Project

High Value Composite Applications

Market & Technology Study on Opportunities
for Fiber-Reinforced Plastics in Space & Defense
Applications



Excellence in Lightweight Production

Applications in space- and defence technology are developing rapidly. Both technology fields are driven by constantly speeding up of innovation cycles and scaling of production volumes. Achieving technical requirements to produce components within these market segments is also crucial, so when composites can play out their specific advantages in terms of mechanical, protective, electrical, electromagnetical, chemical properties, the ability to cost-effectively manufacture integrated parts with complex shapes and capabilities, they can be positioned as the solution to go for at high margins.

What will you get?

Providing insights into market intelligence for well structured subsegments within the two markets, aerospace and defense, drivers in terms of technologies, insights into value chains, existing and future applications, providing technology trees with fact-sheets on systems and components, and analysing the specific opportunities for composites, we will provide you with a unique basis for your technology and business development strategies, all conducted by composite technology experts with a proven track record in market- and technology analysis.

- Stage 1: Market segment overview and pilot analyzes, Workshop-based preevaluation and selection of applications with expected potentlia
- Stage 2: Systematic selection of attractive applications and components, detailed market and technology studies for selected applications and components
- Stage 3: Identification of highly attractive market opportunities, key players along the value chain

Open to join

Project Start: July 15th 2025

Duration: approx. 9 months



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