

AZL Joint Partner Project

Advanced Plastics & Composite Applications in Defence & Space Systems Applications

A structured market and technology study mapping defence and space applications, materials, manufacturing routes, and functional benefits of plastics and polymer/non-polymer composites

AZL Aachen GmbH



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 Overview and Segmentation**
- **Stage 2: Application and Technology Insights - Comparative screening of relevant applications within identified sub-segments**
- **Stage 3: Technology Insights and Value Chain Mapping - Detailed studies on technologies and value chains**

Open to join

Duration: approx. 9 months



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