

Hybrid Thermoplastic Composites

AZL Workgroup

FOCUS OF ACTIVITY

Enhancement by continuous fiber reinforcement



Composite studies based on expert interviews on a regular basis Effort in material & part testing Alternatives to carbon fiber – hybridization with metal Industrialized tape placement

systems



TECHNOLOGICAL CHALLENGES

Scalability – robustness & quality assurance Functionality – more than mechanics Thermal management in manufacturing

The Workgroup works on the consolidation of the high-potential overmolding technology of thermoplastic FRP inlays for series production with partners of industry and RWTH Aachen University since 2013. The Workgroup so far has initiated 5 Joint Partner Projects.

Road Map of the Workgroup



WWW.LIGHTWEIGHT-PRODUCTION.COM | WWW.AZL-RWTH-AACHEN.DE



Visit us at www.tp-composites.com

OTHER AZL BUSINESS PLATFORMS









Ph: +49 241 8024-520

PARTNERSHIP CONTACT



Marina Biller Head of Partner Network Services marina.biller@azl-aachen-gmbh.de Ph: +49 241 8904-380