AZL Workgroup

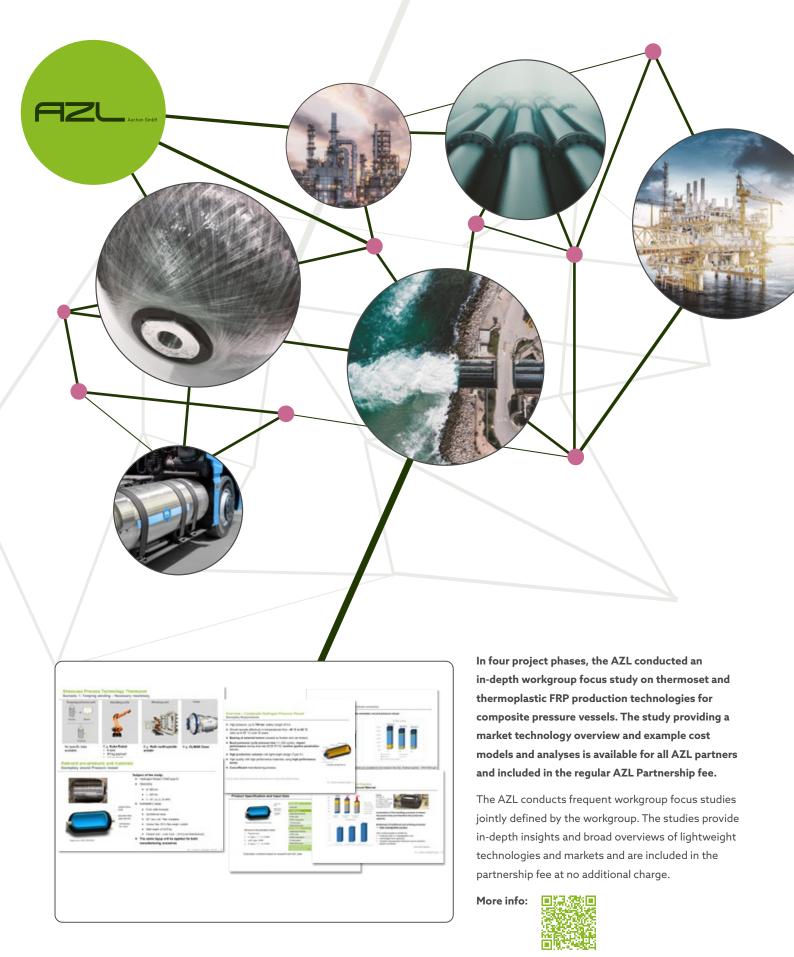
Composite Pipes & Vessels





Join an extensive partner network from industry and science that develops new solutions and ideas around fiber-reinforced pressure tanks







Connecting Science,
Engineering and Production

The goal of the workgroup is to combine the requirements and needs of OEMs and part manufacturers with the **novel solutions** of fiber-reinforced composites and hybrid materials in pipe and vessel technologies.

Basically, we are connecting the market "pull" with the technology "push" in many different industries. From automotive, aerospace and construction to oil and gas, marine and hydrogen economy. During our periodic meetings twice a year, the workgroup is connecting more and more with technology decision makers.

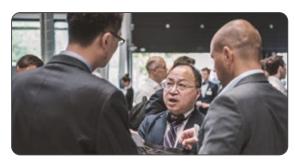
Roadmap & Topics

Since 2014, the workgroup has not only worked intensively on the development of new technologies, but has also conducted extensive market analyses. With changing

Braiding and Multi-Filament-Winding Thermoplastic- & Thermoset-based Pressure Vessels

focus topics, the emphasis is on different modules in the value chain. The topics are always based on current pain point lists within the partner network.

Multi-Material Designs Hybrids in Pressure Vessels Recycling/ Circular Economy























In cooperation with



What our Workgroup is all about

The primary goal of the AZL Workgroups is to network active partners from research and industry, from production and application development in the field of of pipes and vessels.

The activities go far beyond pure networking. The definition of real goals and initiatives and the regular exchange lead again and again to new processes, products and collaboration and make the AZL Workgroups so unique.

These are the six AZL Workgroups:

- High Performance SMC
- Advanced Thermoset Production
- Composite Pipes & Vessels
- Composites in Buildings & Infrastructure
- Hybrid Thermoplastic Composites
- Product Cost Benchmarking

Join the Network of more than 80 active Partners:



About AZL

AZL stands for excellence in lightweight production. As a one stop shop for market and technology know how, the senior staff of AZL brings together experts and decision makers from academia and industry to support business and technology development for the lightweight industry. We support you, regardless of your position in the value chain, in the development, benchmarking and improvement of your design methodologies, manufacturing techniques and products.





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