

Composite Pipes and Vessels

AZL Workgroup

About this organisation

Machine translation

This profile has been machine-translated based on data provided in German.

The "Composite Pipes and Vessels" workgroup is an industrial working group of AZL partner companies and institutes that meet every six months for technology-oriented networking and to define joint pre-competitive research and development. Their business platform is currently being set up and will provide technology-relevant information such as use cases as well as contact to established suppliers and innovative partners.

In the "Pipes and Vessels" workgroup, all competences along the entire process chain are represented in the area of high-performance SMC systems: From raw material manufacturers to tool and machine manufacturers, Tier 1 and Tier 2 to OEMs, from small and medium-sized companies to large international corporations.

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52074 Aachen
North Rhine-Westphalia
Germany

www.lightweight-production.com/workgroups-and-workshops/



Organisation type

Cluster

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a

Main areas covered

FRP pressure vessels and pipes, Standardisation, Pre-competitive R&D co-operation, Technology-orientated networking, Business Development

Infrastructure

Certifications

Keywords

Automotive, oil, water, gas, Composite pipes and pressure vessels, Pressure Vessels, CNG tank

Memberships

Composite Pipes and Vessels

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Machines and plants, Software & databases, Systems and end products, Materials, Tools and moulds	✓	✓	
Services & consulting Consulting, Testing and trials, Technology transfer, Maintenance and repair	✓	✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & factory automation</i>			
<i>Recycling technologies</i>			

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Overview of lightweighting expertise

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Research Development **Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

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Contacts

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