

AZL Partner Network | Excellence in Lightweight Production

AZL Aachen GmbH

About this organisation

Machine translation

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

As part of the AZL partnership, AZL Aachen GmbH facilitates close cooperation between the AZL partner institutes of RWTH Aachen University and an industrial network of more than 80 companies along the entire value chain of lightweight construction production. In addition to intensive networking, the companies from more than 19 countries co-operate in workgroups, joint research projects and joint business development.

As a service provider in the field of lightweight construction, AZL Aachen GmbH offers industrial engineering services in the form of studies and benchmarks, technology consulting and R&D projects.

Campus Boulevard 30
52074 Aachen
North Rhine-Westphalia
Germany
www.lightweight-production.com



Organisation type
Cluster

Sectors
A row of seven black icons representing different sectors: a car, a building, a grid pattern, a lightning bolt, an airplane, a truck, and a camera.

Employees
10 up to 49

Turnover
n/a

Funding

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Main areas covered	Network management, Studies and benchmarks, Technology consulting, Research/development projects, Business Development
Infrastructure	Access to RWTH infrastructure, Test benches, High-volume equipment
Certifications	
Keywords	International partner network, Consortial R&D, Joint Business Development, Networking and open innovation, Excellence in Lightweight
Memberships	

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, Funding, HR services, Prototyping, Validation, Simulation, Technology transfer	✓	✓	

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	Research	Development	Manufacturing & Supply
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 & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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Mr Dr.-Ing. Michael Emonts Managing Director michael.emonts@azl-aachen-gmbh.de	Mr Dr.-Ing. Kai Fischer Managing Director kai.fischer@azl-aachen-gmbh.de
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Contacts

Ms Marina Biller

Executive Assistant - Marketing

marina.biller@azl-aachen-gmbh.de