

EATC - European Alliance for Thermoplastic Composites

Network [AVK working group]

About this organisation

Machine translation

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

The EATC was founded in 2000 by various companies from the thermoplastic composites sector. The group, which currently consists of more than 20 companies, focuses on all issues relating to LFT (long fibre reinforced thermoplastics) and GMT (glass mat reinforced thermoplastics).

Thermoplastic materials currently have greater growth potential than thermoset materials in many cases. There are many product and process innovations. Expertise along the entire value chain is pooled in the EATC. The focus of the work is on pooling interests and expertise in order to drive forward developments and enable innovations. Joint marketing activities and the organisation of seminars are the most important elements of this.

Am Hauptbahnhof 10
60329 Frankfurt am Main
Hesse
Germany

www.eatc-online.org



Organisation type

Cluster

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a



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About this organisation

Main areas covered LFT (long fibre reinforced thermoplastics), GMT (glass mat reinforced thermoplastics)

Infrastructure on request

Certifications

Keywords Thermoplastics, LFT, GMT

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Systems and end products, Materials	✓	✓	✓
Services & consulting Consulting, Testing and trials, Standardisation, HR services, Technology transfer	✓	✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing	✓	✓	✓
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation Plant construction, Automation technology, Handling technology	✓	✓	✓
Recycling technologies			
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology Others (Pressing, pressing processes, injection moulding)	✓	✓	✓
Forming Compression moulding, Thermal converting	✓	✓	✓
Joining			
Material property alteration			
Primary forming Injection moulding	✓	✓	✓
Processing and separating			
Textile technology			

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	✓
Fibres Glass fibres, Carbon fibres	✓	✓	✓
<i>Functional materials</i>			
<i>Metals</i>			
Plastics Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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