

# C<sup>3</sup> - Carbon Concrete Composite e. V.

## About this organisation

### Machine translation

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

C<sup>3</sup> - Carbon Concrete Composite e. V. (C<sup>3</sup> e. V.) is developing a new material composite made of carbon fibres and high-performance concrete with more than 160 partners from industry, science and associations from all over Germany and is bringing it to market maturity. "Lightweight construction" and "concrete" are no longer a contradiction in terms, but the concept of the future. Thanks to carbon concrete, it is possible to build corrosion-resistant, raw material-saving and more filigree structures.

Our core expertise lies in the research and development of carbon concrete and other textile-reinforced concretes.

Ammonstr. 72  
01067 Dresden  
Saxony  
Germany  
[www.bauen-neu-denken.de](http://www.bauen-neu-denken.de)



### Organisation type

Cluster

### Sectors



### Employees

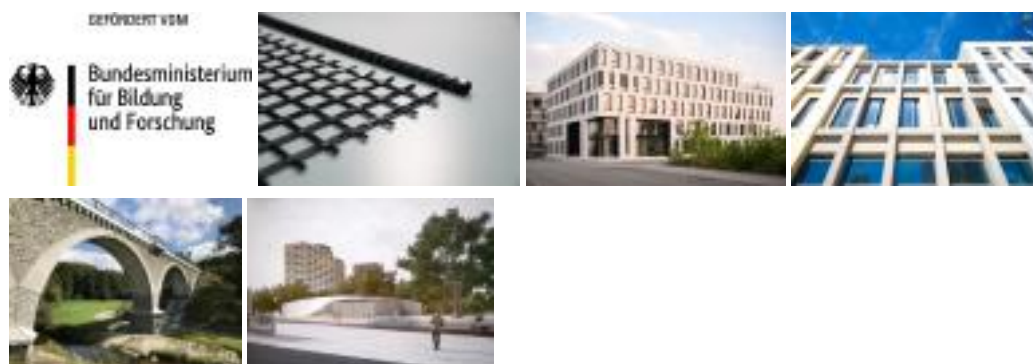
50 up to 249

### Turnover

n/a

### Funding

n/a



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## About this organisation

**Main areas covered**      Construction

**Infrastructure**

**Certifications**

**Keywords**

**Memberships**

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Machines and plants, Software & databases, Systems and end products, Materials	✓	✓	
<b>Services &amp; consulting</b> Training, Consulting, Testing and trials, Funding, Engineering, Standardisation, Validation, Simulation, Technology transfer, Approval	✓	✓	

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## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<i>Design &amp; layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<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>			
<b>Textile technology</b>			
Yarn & roving production, Preforming, Textile surface treatment and finishing, Knitting, laid web production	✓	✓	

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> Textile-reinforced concrete	✓	✓	
<b>Fibres</b> Basalt fibres, Glass fibres, Carbon fibres	✓	✓	
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<b>(Technical) textiles</b> Yarns, rovings, Laid webs, Woven fabrics	✓	✓	

### Contacts

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Contacts	
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