

CARBOCON GMBH

About this organisation

Machine translation

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

CARBOCON is a leading and independent service provider when it comes to carbon reinforced concrete. Whether it's project management, planning and consulting for construction projects, transfer to industry or special issues relating to the development and approval of innovative and technical solutions, right through to patent applications.

Carbon concrete is a composite material made from two high-performance materials. The combination of carbon fibres in the form of fabrics or rods with fine concrete enables a significantly more diverse construction method with a high load-bearing capacity at the same time. Due to the corrosion resistance of the scrims and rods, the concrete cover and thus the use of resources can be minimised. With carbon concrete, construction can be sustainable, resource-saving, less material-intensive and lighter. Planning services and subsequent applications with carbon reinforced concrete often require special solutions and approaches. The knowledge of services and the existing and approved products of conventional technologies only allow the use of carbon reinforced concrete up to certain limits. Building with carbon concrete therefore requires a very specific variety of products. CARBOCON is available with its expertise to develop the best solution together with customers and partners.

Mohorner Straße 13
01159 Dresden
Saxony
Germany
www.carbocon.de



Organisation type

Small or medium-sized enterprise

Sector



Employees

10 up to 49

Turnover

n/a

Funding

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About this organisation

Main areas covered Consultancy services, Planning service

Infrastructure

Certifications TOP100 Top Innovator 2021

Keywords

Memberships C³ e.V., Friends of civil engineering, Smart³ e.V., Tudalit e.V., Saxony Chamber of Engineers

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Validation, Technology transfer, Approval	✓	✓	✓
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>			

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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