

About this organisation

Machine translation

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

carboNXT GmbH is the sister company of CFK Valley Stade Recycling GmbH & Co. KG and is part of the Karl Meyer group of companies. It was founded as a sales company for the high-quality recycled carbon fibre products carboNXT chopped, milled, veil and non-woven. The carboNXT products can be further processed to customer specifications and used in the lightweight construction industry.

In addition to producing a recycled carbon fibre using a gentle pyrolysis process, the energy content contained in the matrix is also utilised to support the energy requirement. CFRP components, dry fibre and offcuts, discarded prepregs and other carbon fibre waste can be recycled. The company was awarded the Raw Material Efficiency Prize in 2011 for its patented process. After recovery, the fibres have no adhesions on the surface and are processed into short fibres or long fibres. The fibre surface is then treated with wetting additives to ensure optimum processing. Here, carboNXT offers customer-specific solutions for the provision of raw fibre materials. In addition to providing a high-quality product, material recycling also contributes to sustainability and resource conservation.

Stader Str. 55-63
21737 Wischhafen
Lower Saxony
Germany
www.carboNXT.de



carboNXT®

Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

500 and more

Turnover

More than €50m

Funding

n/a

About this organisation

Main areas covered Lightweight construction products

Infrastructure

Certifications ISO 14001, ISO 9001

Keywords CFRP recycling, Carbon fibres, Short fibres, long fibres, fibre fleece

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Materials		✓	✓
<i>Services & consulting</i>			
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>			

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

Contacts

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