

## 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](http://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
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Materials		✓	✓
<i>Services &amp; consulting</i>			
<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; 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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This profile has been machine-translated based on data provided in German.

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