

CFK Valley Stade Recycling GmbH & Co. KG

Specialised waste management company

About this organisation

Machine translation

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

As a subsidiary of Karl Meyer AG, CFK Valley Stade Recycling GmbH & Co KG is responsible for the waste disposal and recycling of carbon fibre reinforced plastics (CFRP) and carbon fibres (C-fibres). A CFRP recycling plant, unique in Germany, recovers pure carbon fibres from production waste and end-of-life components by means of thermal treatment.

The CFRP recycling plant was commissioned in 2011, operates with a minimum capacity of approx. 1000 tonnes p.a. and won the first "German Raw Material Efficiency Award" in the same year. In a first step, CFRP waste delivered to the plant is sorted according to fibre type and processing condition and, if necessary, shredded. Pure carbon fibres are recovered with the help of the pyrolysis plant. The product properties of the recycled fibres are almost comparable to those of new fibres. In the next step, the fibres are further processed according to customer specifications and, depending on the application, can be processed into free-flowing short fibres, long fibres or a fibre fleece.

Stader Str. 55-63
21737 Wischhafen
Lower Saxony
Germany
www.cfk-recycling.com



Organisation type

Small or medium-sized enterprise

Sectors



Employees

500 and more

Turnover

More than €50m

Funding

n/a

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Main areas covered	services, Lightweight construction products
Infrastructure	Plant: Preparation of CFRP fibres, Plant: Cutting of CFRP fibres
Certifications	ISO 14001, ISO 9001, Specialised waste management company (Efb)
Keywords	CFK Valley Stade, Carbon Composites e.V., CFRP recycling, Pyrolysis, CFRP disposal
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
<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 & automation</i>			
Recycling technologies			
Recycling		✓	✓

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		Manufacturing & Supply
Research	Development	

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

Carbon-fiber reinforced plastics (CFRP) ✓

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

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Contacts

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