

# BOGE Rubber & Plastics Group

## About this organisation

### Machine translation

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

BOGE Rubber & Plastics has stood for excellent products in the field of vibration control technology and lightweight components for the automotive industry since 1931. As a long-standing partner of leading international automotive manufacturers, BOGE develops innovative solutions for the mobility of tomorrow. With around 4,000 employees in seven countries on four continents, BOGE Rubber & Plastics has a global presence.

For the perfect and brand-specific driving experience, BOGE goes the extra mile and develops integrated solution concepts for its customers that optimise function, weight and costs. Continuous fibre-reinforced plastics offer lightweight construction potential, as they have been used in the automotive industry for years. Using the example of a safety-critical component, BOGE Rubber & Plastics will demonstrate a fully automated process chain based on the brake pedal, which it manufactures from plastic granulate and pre-consolidated textile semi-finished products (organic sheets). The weight saving realised in the series production process is between 40 and 55% compared to conventional pedals. In addition, continuous fibre-reinforced plastics can be used in the transport industry to help reduce fleet consumption or to compensate for the weight of the battery for increasing unit scenarios.

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Lower Saxony  
Germany  
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### Organisation type

Large enterprises

### Sectors



### Employees

500 and more

### Turnover

More than €50m

### Funding

n/a

# BOGE Rubber & Plastics Group

## About this organisation

**Main areas covered** Continuous fibre-reinforced plastics

**Infrastructure**

**Certifications**

**Keywords**

**Memberships**

## Overview of lightweighting expertise

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**Research   Development   Manufacturing & Supply**

### Offer

*Products*

*Services & consulting*

### Field of technology

*Design & layout*

*Functional integration*

*Measuring and testing technology*

*Modelling and simulation*

*Plant construction & automation*

*Recycling technologies*

## 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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