

# GINKGO Project Development GmbH

## Ginkgo textile concrete

### About this organisation

#### Machine translation

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

Development of processes and tools for prestressing carbon and basalt fabrics for use in precast concrete elements with prestressing in immediate bonding. Prefabricated fabrics, tensioning tools and prototype applications of prestressed carbon concrete.

Ginkgo Textile Concrete develops solutions for precast concrete plants for the prestressing of thin, shell-like rod-shaped, slab-like or folded concrete shells. Ginkgo Textilbeton supplies the tensioning tools (grippers) as well as tensioning yokes and the corresponding prefabricated tensioning fabrics. The precast element manufacturer can produce prestressed flat precast concrete elements by converting the tables of circulation systems with the support of a steel tensioning frame. Solutions for utilising a long prestressing bed are also under development.

An der Pikardie 6  
01277 Dresden  
Saxony  
Germany

🌐 [www.ginkgo-textilbeton.de](http://www.ginkgo-textilbeton.de)

#### Main areas covered

Tools Prestressing fibre concrete

#### Infrastructure

#### Certifications

#### Keywords

#### Memberships



#### Organisation type

Small or medium-sized enterprise

#### Sectors



#### Employees

Up to 9

#### Turnover

Up to €2m

#### Funding

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## Overview of lightweighting expertise

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|                                                                      | Research | Development | Manufacturing<br>& Supply |
|----------------------------------------------------------------------|----------|-------------|---------------------------|
| <b>Offer</b>                                                         |          |             |                           |
| <b>Products</b><br>Parts and components, Materials, Tools and moulds |          | ✓           | ✓                         |
| <b>Services &amp; consulting</b><br>Consulting                       |          | ✓           | ✓                         |
| <b>Field of technology</b>                                           |          |             |                           |
| <b>Design &amp; layout</b><br>Lightweight material construction      |          | ✓           | ✓                         |
| Functional integration                                               |          |             |                           |
| Measuring and testing technology                                     |          |             |                           |
| Modelling and simulation                                             |          |             |                           |
| <b>Plant construction &amp; automation</b><br>Handling technology    |          |             | ✓                         |
| Recycling technologies                                               |          |             |                           |

## Overview of lightweighting expertise

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|                                     | Research | Development | Manufacturing<br>& Supply |
|-------------------------------------|----------|-------------|---------------------------|
| <b>Manufacturing process</b>        |          |             |                           |
| Additive manufacturing              |          |             |                           |
| Coating (surface engineering)       |          |             |                           |
| Fibre composite technology          |          |             |                           |
| Forming                             |          |             |                           |
| Joining                             |          |             |                           |
| Material property alteration        |          |             |                           |
| Primary forming                     |          |             |                           |
| Processing and separating           |          |             |                           |
| Textile technology                  |          |             |                           |
| <b>Material</b>                     |          |             |                           |
| Biogenic materials                  |          |             |                           |
| Cellular materials (foam materials) |          |             |                           |
| Composites                          |          |             |                           |
| <b>Fibres</b>                       |          | ✓           | ✓                         |
| Basalt fibres, Carbon fibres        |          |             |                           |
| Functional materials                |          |             |                           |
| Metals                              |          |             |                           |
| Plastics                            |          |             |                           |
| Structural ceramics                 |          |             |                           |
| (Technical) textiles                |          |             |                           |

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## Contacts

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Mr Dipl.-Ing.Univ. Tankred Lenz, M.B.A.

[lenz@ginkgo-projekt.de](mailto:lenz@ginkgo-projekt.de)