Textile Research Institute Thuringia-Vogtland e.V.

Research & Development

About this organisation

Machine translation

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

TITV Greiz - The think tank for high-tech textiles As a competent development partner in funded research projects and a sought-after service provider for contract research, we offer a comprehensive service for the development of innovative products and new technologies, from textile materials to integrated electronic systems. We research and develop, advise companies, manufacture prototypes, test textiles and smart textiles.

Together with partners, TITV Greiz contributes its expertise in textile-reinforced lightweight construction, consolidates natural fibre yarns using flame pyrolysis and integrates electrical and electronic components into the reinforcing structures for lightweight construction. In the current BioFunction research project, these are LASER-structured textile panel heaters for e-mobility.

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Thuringia
Germany
www.titv-greiz.de/de/forschung-entwicklung

titv
Textilforschungsinstitut
Thüringen-Vogtland e. V.

Organisation type
Non-university research institution

Sectors

Employees
50 up to 249

Turnover
€2m - €10m

Funding
n/a

Main areas covered	Smart Textiles, Surface functionalisation, Flexible materials, Sustainability
Infrastructure	
Certifications	
Keywords	
Memberships	

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Research & Development

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products			
Services & consulting Training, Consulting, Standardisation, Prototyping, Validation, Simulation, Technology transfer	✓	✓	
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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