

# Industrieverband Veredlung - Garne - Gewebe - Technische Textilien e.V.

## About this organisation

### Machine translation

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

IVGT e.V., based in Frankfurt, represents the technical and economic interests of around 170 member companies from the fields of textile raw materials, finishing, yarns, fabrics, nonwovens, braids and technical textiles. The association thus represents more than 60% of the German textile industry. The association also includes manufacturers of textile machinery, chemicals, raw materials and service providers such as research institutes.

Organisation and management of technical working groups involving the supplier industry and end users. Initiation and technical support of research projects and projects in the field of basic research and product development. Supported by workshops and specialised seminars. Preparation of technical reports (research, standardisation, patents) and market analyses for approx. 77 manufacturers of textile membranes, solid construction and lightweight construction products with the aim of opening up new markets and fields of application for members in the medium and long term.

Mainzer Landstraße 55  
60329 Frankfurt am Main  
Hesse  
Germany  
[www.ivgt.de](http://www.ivgt.de)



### Organisation type

Association, Chamber of industry and commerce

### Sectors



Others: Textil

### Employees

Up to 9

### Turnover

n/a

### Funding

n/a



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## About this organisation

<b>Main areas covered</b>	Specialist lobbying (technology, environment, trade policy), Representation of the industry DE/EU/Int., Advisory boards of research institutes, Network of the textile chain
<b>Infrastructure</b>	Working groups, seminars, statistics, Standardisation, technical committees, Authority management, Market exploration, trade fair participation, project-accompanying committees
<b>Certifications</b>	
<b>Keywords</b>	Professional association, network, Textile Association, Network, Working groups, workshops, seminars, Research, Research
<b>Memberships</b>	Gesamtverband Textil+Mode e.V., Forschungskuratorium Textil e.V., ITMF.org, IWTO.org, DNFI.org, ETT-Club.eu, Textile-Platform.eu

## Overview of lightweighting expertise

### Machine translation

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Machines and plants, Software & databases, Materials	✓		
<b>Services &amp; consulting</b> Training, Consulting, Funding, Standardisation, Technology transfer	✓	✓	✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<b>Design &amp; layout</b> Hybrid structures, Lightweight construction concepts	✓		
<b>Functional integration</b> Actuator technology, Sensor technology, Material functionalisation	✓		
<b>Measuring and testing technology</b> Environmental simulation, Materials analysis	✓		
<b>Modelling and simulation</b> Life-cycle analysis, Optimisation, Processes, Materials	✓		
<i>Plant construction &amp; automation</i>			
<b>Recycling technologies</b> Downcycling, Material separation, Recycling, Upcycling	✓		

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Fused deposition modeling	✓		
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<b>Forming</b> Thermal converting, Rolling	✓		
<b>Joining</b> Adhesive bonding, Sewing	✓		
<b>Material property alteration</b> Mechanical treatment, Thermochemical treatment, Thermomechanical treatment, Heat treatment	✓		
<b>Primary forming</b> Pultrusion	✓		
<i>Processing and separating</i>			
<b>Textile technology</b> Fibre manufacturing, Braiding, Yarn & roving production, Preforming, Knitting, Textile surface treatment and finishing, Nonwoven & mats production, Weaving, Knitting, laid web production	✓	✓	✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Bioplastics, Biocomposites	✓		
<b>Cellular materials (foam materials)</b> Open-pore	✓		
<b>Composites</b> Aramid fibre composites, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Ceramic matrix composite (CMC), Carbon-fiber reinforced plastics (CFRP), Short fibre-reinforced concrete, Natural fibre reinforced plastics (NFRP), Textile-reinforced concrete	✓		
<b>Fibres</b> Aramid fibres, Basalt fibres, Glass fibres, Ceramic fibres, Carbon fibres, Metal fibres, Natural fibres	✓		
<b>Functional materials</b> Shape memory materials, Piezoelectric materials	✓		
<b>Metals</b> Intermetallic alloys	✓		
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics	✓		
<b>Structural ceramics</b> Ultra-high-temperature ceramics	✓		
<b>(Technical) textiles</b> Yarns, rovings, Meshes, Laid webs, Crocheted fabrics, Woven fabrics, Knitted fabrics, Nonwovens, mats	✓	✓	✓

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## Contacts

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

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