

Toray Industries Europe GmbH

Automotive Centre Europe

About this organisation

Machine translation

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

Since 1926, Toray Industries has been a manufacturer of innovative materials and products with high added value such as plastics, chemicals and films, but also composite materials made of carbon fibres, materials for information and electrical engineering, pharmaceutical products, water treatment materials and equipment as well as environmental products.

The Toray Automotive Center Europe is part of the Toray Group and was founded in 2017 as a research and development centre. At this location, materials in lightweight construction, electromobility, premium interiors and sustainability are qualified with a focus on the automotive industry.

Am Gfild 6
85375 Neufahrn bei Freising
Bavaria
Germany
www.automotive.toray/

Main areas covered Automotive components

Infrastructure Component simulation, Prototype production CFK/CF-SMC, Component and material testing, Prototype production Injection moulding

Certifications

Keywords

Memberships Composites United e.V., Bayern Innovativ GmbH, AZL Aachen GmbH, Hydrogen Europe ASBL



Organisation type

Large enterprises

Sector



Employees

500 and more

Turnover

More than €50m

Funding

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Overview of lightweighting expertise

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Offer	Manufacturing		
	Research	Development	& Supply
Products Parts and components, Software & databases, Materials	✓	✓	
Services & consulting Testing and trials, Engineering, Prototyping, Validation, Simulation	✓	✓	
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	
Functional integration Material functionalisation	✓	✓	
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis	✓	✓	
Modelling and simulation Life-cycle analysis, Optimisation, Processes, Materials	✓	✓	
<i>Plant construction & automation</i>			
Recycling technologies Recycling	✓	✓	

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Selective laser sintering (SLS)	✓	✓	
<i>Coating (surface engineering)</i>			
Fibre composite technology Manual lamination, Resin infusion process, Pre-preg processing	✓	✓	
Forming Compression moulding, Thermal converting	✓	✓	
<i>Joining</i>			
<i>Material property alteration</i>			
Primary forming Injection moulding	✓	✓	
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Carbon-fiber reinforced plastics (CFRP)	✓	✓	✓
Fibres			
Carbon fibres	✓	✓	✓
Functional materials			
Metals			
Plastics			
Thermoset plastics, Thermoplastics	✓	✓	✓
Structural ceramics			
(Technical) textiles			
Yarns, rovings, Woven fabrics, Nonwovens, mats	✓	✓	

Contacts

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Contacts

Mr Dr.-Ing. Sebastian Schmitz

sebastian.schmitz.v5@mail.toray

Ms Dominika Wolak

dominika.wolak.q5@mail.toray