

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/



Organisation type
Large enterprises

Sector
A small, dark blue icon of a car, representing the automotive sector.

Employees
500 and more

Turnover
More than €50m

Funding
n/a

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

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
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	✓	✓	

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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Overview of lightweighting expertise

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

Contacts

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Contacts	
Mr Dr.-Ing. Sebastian Schmitz	Ms Dominika Wolak
sebastian.schmitz.v5@mail.toray	dominika.wolak.q5@mail.toray