

SINFOSY digital GmbH

About this organisation

Machine translation

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

SINFOSY digital GmbH develops software solutions for industrial applications with a focus on data-based process optimisation, sensor integration and AI-supported analysis. The company supports manufacturing companies in digital quality assurance, process monitoring and the development of intelligent assistance systems to increase efficiency, transparency and product quality.

The lightweight construction expertise of SINFOSY digital GmbH lies in the field of digital support and monitoring of lightweight construction processes. In the joint project "AFP-Shaft", concepts for sensor-based quality control of fibre-reinforced plastic components and for the holistic consideration of load cases were developed. The company has expertise in Integration and evaluation of sensor data Development of data-driven quality monitoring systems AI-supported analysis of process and material data Digital life cycle analysis of lightweight components The aim is to increase process reliability and component quality through digital methods and intelligent data analysis.

Dorfanger 2
15713 Königs wusterhausen
Brandenburg
Germany

www.sinfosy.com

Main areas covered Sensors

Infrastructure Digitisation

Certifications Process monitoring

Keywords Quality assurance

Memberships Data analysis



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

Up to 9

Turnover

Up to €2m

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Software & databases		✓	
Services & consulting Testing and trials, Validation	✓	✓	
Field of technology			
<i>Design & layout</i>			
Functional integration Sensor technology		✓	
Measuring and testing technology System analysis, Destructive analysis, Non-destructive analysis	✓	✓	
<i>Modelling and simulation</i>			
Plant construction & automation Automation technology		✓	
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology			
Filament winding	✓	✓	
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites			
Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)	✓	✓	
<i>Fibres</i>			
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts	
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