

About this organisation

Machine translation

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

nebumind is committed to quality management in manufacturing. In order to reduce costs for quality/non-quality, nebumind offers software for analysing component quality. The software visualises production data as "digital component twins" and enables errors to be traced and detected in the ongoing production process, comprehensive documentation of each component to be created and machines to be run in more quickly.

As the nebumind software can offer great added value, especially in complex manufacturing processes with high quality requirements, the potential for use in the field of lightweight construction is correspondingly high. The founders of nebumind have long been active in the fields of composite and additive manufacturing with their own sensor development for "in-process" quality control in the automated fibre placement process. The challenges regarding quality drivers, correlations and other influencing factors are therefore very well known. With its software, nebumind hopes to sharpen insights into manufacturing quality in lightweight construction and optimise production processes.

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Bavaria
Germany
www.nebumind.com

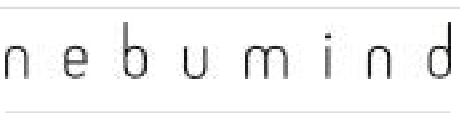
Main areas covered Data analysis software

Infrastructure Process chain

Certifications

Keywords digital twin, smart manufacturing, quality 4.0, data analytics

Memberships bavAIRia e.V., AVIASPACE BREMEN e.V.



Organisation type
Small or medium-sized enterprise

Sectors

Employees
10 up to 49

Turnover
n/a

Funding

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Software & databases	✓	✓	✓
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis	✓	✓	✓
<i>Modelling and simulation</i>			
Plant construction & automation Automation technology, Robotics	✓	✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing	✓	✓	✓
<i>Coating (surface engineering)</i>			
Fibre composite technology Pre-preg processing	✓	✓	✓
<i>Forming</i>			
Joining Adhesive bonding, Riveting, Welding	✓	✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Milling	✓	✓	✓
<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			
Carbon-fiber reinforced plastics (CFRP)	✓	✓	✓
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Titanium	✓	✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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