NVGTR

About this organisation

Machine translation

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

NVGTR Gbr is a Munich-based future lab. Founded in 2014 by designers Dominik Meier, Dirk Licht and Christian Jurke, the product innovation and design studio and its team develop characterful, sustainable visions and concepts for international customers from the mobility, everyday goods and medical sectors. The focus of their creative work is on future, realisable and circular products and solutions.

Design thinking processes and methods such as Vision in Product (TU Delft/NVGTR) allow a well-founded evaluation and focus strategy for lightweight construction challenges when developing new solutions, in addition to the life cycle assessment. The outstanding material expertise from the various industries served and the competence in AI-supported computational design development allow for constructive and aesthetic innovations. Methods, processes and solution spaces for various research projects for the EU and different ministries in the research alliance, as shown by outstanding, award-winning product results for the various industries, sustain this strategic approach. More and current projects at: www.wearenavigator.com

NVGTR

Organisation type
Small or medium-sized enterprise

Sectors
Others: Konsumgütter

Employees
Up to 9

Turnover
Up to €2m

Funding

Isabellastraße 38
80796 München
Bavaria
Germany
www.wearenavigator.com

Main areas covered	Urban Mobility / Transportation / Public Transport
Infrastructure	
Certifications	
Keywords	Computational Design / Circular Economy / LCA
Memberships	

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Systems and end products	✓	✓	
Services & consulting Consulting, Testing and trials, Prototyping, Simulation, Others (Innovation & Design)	✓	✓	
Field of technology			
Design & layout Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	
Functional integration Media conductivity		✓	
Measuring and testing technology Environmental simulation		✓	
Modelling and simulation Life-cycle analysis, Processes		✓	
Plant construction & automation Robotics	✓		
Recycling technologies Downcycling, Material separation, Recycling, Upcycling	✓	✓	

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing	✓	✓	
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

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Contacts

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