

About this organisation

Machine translation

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

ambigence develops ideas and promotes innovations in the furniture industry and successfully implements them with its partners. The think tank focusses on the development of new technology and application platforms with high innovation potential. The aim is to achieve a broad implementation of these innovations in the furniture industry and to promote cross-company co-operation.

With the concept "The PANEL is the new fitting", the think tank from Herford has attracted attention. It describes the vision of the perfect fusion of design and technology in furniture - the furniture panel and function are seen as one system. The resulting system element, which represents a completely new product category, still offers a great deal of potential and is far from being fully realised. Functional integration offers technology companies space to be successful with their solutions in furniture. Lightweight construction achieves important added value through functional integration. This turns lightweight components into high-tech materials. Non-visible functions offer new creative scope for designers and furniture constructors. The network company ambigence is a source of ideas, a companion and a door opener for companies within and outside the furniture industry. By pooling expert knowledge, synergies are created to promote innovation and new business models.

Goebenstraße 3-7
32052 Herford
North Rhine-Westphalia
Germany
www.ambigence.com



ambigence
SPACE TO INNOVATE

Organisation type

Large enterprises

Sectors



Others: ambigence erstellt für Technologieunternehmen aus allen Branchen Business Cases für die Möbelbranche, und initiiert und begleitet kooperative Projekte.

Employees

Up to 9

Turnover

Up to €2m

Funding

About this organisation

Main areas covered	Function integration
Infrastructure	Corporate network furniture industry
Certifications	
Keywords	Function integration in furniture, Network, Technology transfer, Cross-company projects, Furniture rethought
Memberships	Interessengemeinschaft Leichtbau eV

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Systems and end products		✓	
Services & consulting Consulting, Technology transfer		✓	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Hybrid structures, Lightweight construction concepts		✓	
Functional integration Actuator technology, Media conductivity, Sensor technology, Thermal activation, Material functionalisation		✓	
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<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			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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