

About this organisation

Machine translation

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

em engineering methods AG is an independent IT and consulting company for processes, methods and technologies in engineering. Methods and technologies in engineering, as well as a software and solution provider for engineering applications.

Development of systemic product development processes for the targeted realisation of lightweight construction potential and provision of digital frameworks for model-based systems engineering in lightweight construction. The widespread use of lightweight construction is hindered in many industries by a lack of holistic approaches to the targeted evaluation of lightweight construction in terms of costs, functionality or CO2 balance, for example. Due to a lack of systemic consideration of products in terms of lightweight construction, the potential for weight savings remains weight-saving potential remains unutilised. The provision of methods for the efficient systemic development of lightweight products and their implementation in a digital workflow is the service portfolio of :em AG. The aim and result of the solution is the design of an application-orientated and interdisciplinary framework for the design, development, optimisation and testing of digital twins of lightweight products. lightweight products.

Rheinstr. 97
64295 Darmstadt
Hesse
Germany
www.em.ag



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding



em engineering methods AG

About this organisation

Main areas covered	Method development, Process consulting, Strategic consulting, Software development
Infrastructure	CAD, CAE, CAM, MBSE
Certifications	ISO 9001
Keywords	Lightweight design methodology, Systems Engineering, Digital transformation, Industry 4.0, SyProLei
Memberships	acatech, GfSE, NAFEMS, VDI, VDMA

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Technology transfer	✓	✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

Machine translation

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

Research Development **Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

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

Contacts

Machine translation

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

Mr Klaus Mai

Team leader

klaus.mai@em.ag

Mr Dr. Sven Kleiner

Management Board

sven.kleiner@em.ag

Ms Yvonne van der Steeg

marketing@em.ag