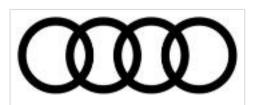
About this organisation

Machine translation

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

AUDI AG is one of the world's most successful automobile manufacturers in the premium segment. Innovative technology, visionary design and outstanding quality have made AUDI a recognised manufacturer of high-quality vehicles. The development of pioneering and sustainable vehicle concepts is at the centre of all activities.

Innovative lightweight construction solutions are given high priority within AUDI AG. In recent years, Audi has developed a large number of components with fibre reinforcement, both glass fibre and carbon fibre reinforced, and implemented them in series production. Examples include the CFRP rear panel of the current A8, which has been implemented in large-scale production, and a large number of CFRP components in the R8 Spyder and R8 GT. Audi is also continuing to work on the implementation of continuous fibre-reinforced composites in various vehicle models. The main focus here is on the aspects of suitability for mass production and cost-effectiveness as an alternative to metallic lightweight materials.



Organisation type Large enterprises

Sector

Employees 500 and more

Turnover More than €50m

Funding

Auto Union Str. 1 85057 Ingolstadt Bavaria Germany 🗷 www.audi.de	
Main areas covered	Conceptual lightweight construction, Innovative construction methods, Intelligent material combinations, Lightweight construction system
Infrastructure	
Certifications	
Keywords	
Memberships	

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Dessent		Manufacturing
Research	Development	& Supply
	\checkmark	
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	Research	N Development	lanufacturir & Supply		
Manufacturing process					
Additive manufacturing 3D printing		\checkmark			
Coating (surface engineering)					
Fibre composite technology Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion		~			
Forming					
Joining					
Material property alteration					
Primary forming					
Processing and separating					

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	Research	Development	Manufacturing & Supply		
Material					
Biogenic materials					
Cellular materials (foam materials)					
Composites					
Fibres					
Functional materials					
Metals					
Plastics					
Structural ceramics					

Contacts

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