Pyrum Innovations AG

About this organisation

Machine translation

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

Pyrum Innovations AG was founded in 2007. Its core business is the construction and commissioning of pyrolysis plants for recycling used tyres; the prototype plant has been built on the company's premises in Dillingen/Saar. There, used tyres are converted into recycled products with the aid of heat in the absence of oxygen. Research and development work is currently being carried out in feasibility tests for other residual materials and types of waste.

To date, the recycling of CFRP has not been the core business of Pyrum Innovations AG; the main markets are used tyres and plastics. Pyrum wants to open up this market with a new and efficient technology for the high-quality recycling of CFRP and is developing process technology in various plant sizes for this purpose. On the one hand, there is a continuously operating version on a laboratory scale for research facilities and institutes as a target group. On the other hand, the main focus is on an in-house plant size for companies. As a plant manufacturer, Pyum wants to offer in-house plants for production facilities that manufacture or process CFRP. This will provide the market with a solution for internal utilisation in order to reintegrate production waste into the manufacturing process.

Dieselstr.
66763 Dillingen
Saarland
Germany
www.pyrum.net

Organisation type
Small or medium-sized enterprise

Sector

Employees
50 up to 249

Turnover
€10m - €50m

Funding

Pyrum Innovations AG

About this organisation

Main areas covered	Recycling plants
Infrastructure	
Certifications	
Keywords	Recycling, CFRP, Pyrolysis
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Machines and plants	✓	✓	
Services & consulting			
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation Plant construction	✓	✓	
Recycling technologies Recycling	✓	✓	

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration Thermochemical treatment	✓	✓	
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites Carbon-fiber reinforced plastics (CFRP)	✓	✓	
Fibres			
Functional materials			
Metals			
Plastics Thermoset plastics, Elastomers, Thermoplastics	✓	✓	
Structural ceramics			
(Technical) textiles			

Contacts

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Contacts

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