

TRIMET Aluminium SE

About this organisation

Machine translation

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

Around 2,400 employees work together with our customers to make cars more economical, aeroplanes lighter, wind turbines and power plants more efficient, buildings more modern and packaging more ecological.

As an innovative, medium-sized family business, TRIMET develops, produces, recycles, casts and sells modern light metal products made of aluminium at eight production sites. Aluminium is light, highly conductive and can be recycled again and again without loss - these convincing properties open up a wide range of possible uses. That is why we regularly use our metallurgical expertise and commercial know-how to work on innovations that pave the way for new and better aluminium products. In addition to alloy development, we are also driven by the optimisation of processes and the development of new materials. Many improvements have already found their way into production, for example in the field of high-strength aluminium alloys for use in the automotive industry or in extrusion billet casting technology.

Aluminiumallee 1
45356 Essen
North Rhine-Westphalia
Germany
www.trimet.de



Organisation type

Large enterprises

Sectors



Employees

500 and more

Turnover

More than €50m

Funding



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Main areas covered	Aluminium, Aluminium alloys, Alloy development
Infrastructure	Electrolysis, Foundry, Laboratory, Trade, Distribution
Certifications	ISO 9001:2015, ISO 14001:2015, ISO 50001:2018, IFAT 16949:2016
Keywords	Aluminium recycling, Primary aluminium, Secondary aluminium, Moulding work
Memberships	Aluminium Germany, Association of German Metal Dealers, Future through industry, Eurometaux, European Aluminium

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Training, Consulting, Distribution, Testing and trials, Prototyping, Validation, Simulation, Technology transfer	✓	✓	✓

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Optimisation, Processes, Materials	✓	✓	
<i>Plant construction & automation</i>			
Recycling technologies Recycling	✓	✓	✓
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>			
Primary forming Casting	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium	✓	✓	✓
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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