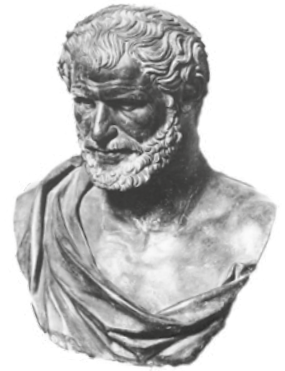


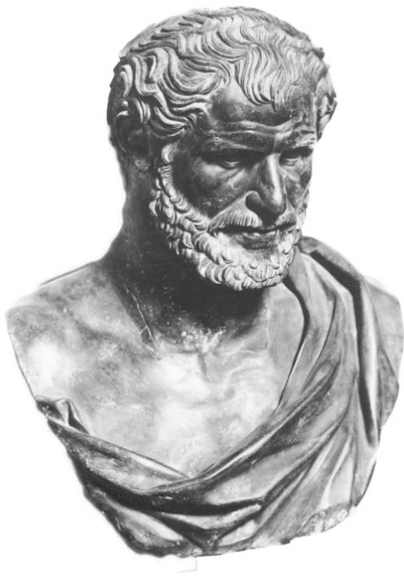
# EVERYTHING FLOWS

πάντα ρεῖ



- Heraclitus of Ephesus -





“EVERYTHING IS IN A  
CONSTANT, FLOWING PROCESS  
OF BECOMING.”

*πάντα ρεῖ – Heraclitus of Ephesus – (circa. 520 – 460 B. C.)*

Our internationally focused group of companies with a highly efficient network of Western and Eastern European suppliers and subcontractors as well as IATF- and ISO-certified production facilities in Poland, Hungary and Germany supports companies in the metal processing industry throughout the entire value chain. We are constantly breaking new ground in doing so.





# PROGRESS

# THROUGH CHANGE



“You could not step twice into the same rivers; for other waters are ever flowing on to you.” Heraclitus already described a state of affairs in 500 B. C. that we define today as a challenge to our corporate actions. Innovative ideas, new structures of cooperation, the development of new markets and products, visions and the courage to embrace change: All this is essential if we are to be a qualified and reliable partner for our customers today and in the future and to assert ourselves in dynamic markets.

– Dierk Behrmann, Chairman 3RIVER METAL GROUP –  
(Summer 2019)



Poland – Oder

# BUILDING

# BRIDGES

With strong partners at home and abroad, we bring together products, processes, production sites and markets. Our presence in countries throughout Central and Eastern Europe, combined with our high flexibility and innovative strength, open up a wide range of options to optimise costs.



# SOLUTIONS FROM A SINGLE SOURCE



## **Recycling and circular-flow management of aluminium waste materials**

We ensure sustainable improvement throughout the value chain by consistently optimising the material flow cycle.



## **Processing of aluminium waste materials in the foundry**

Our companies work consistently according to your required material specifications in order to produce aluminium billets individually tailored to your needs.



## **Raw material**

Extruded billets in various alloys are available at short notice from our warehouse.



## **Aluminium extrusion plant**

We produce and refine your profile up to the finished component. We take care of all work steps using precise and state-of-the-art equipment, from further processing to surface finishing.



We are your qualified partner for industrial outsourcing in the areas of lean production, packaging, logistics, quality, environment, energy, occupational safety and data protection. We can help you to outsource individual production processes and simultaneously create space to focus on your core business. Cost advantages are an important motive for implementing an outsourcing strategy.



#### **Mechanical processing**

We are in a position to take over all work steps in mechanical processing – from small parts to profile lengths of up to 7,000 mm – using our CNC machining centres.



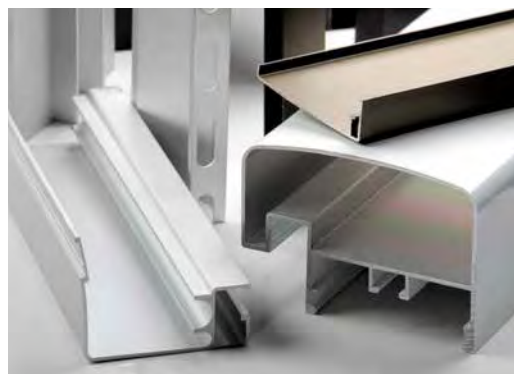
#### **Aluminium profile bending installation**

Our production processes range from very precise high-performance saws to punching, drilling, milling and bending systems. We pay special attention to the highest accuracy here so that we can fully meet the requirements of our customers.



#### **Surface refinement with powder coating**

A negatively charged powder is applied to the positively charged aluminium surface during an electrostatic process and then fired in order to obtain a resistant and pore-tight surface. The heating process creates a strong bond between the powder and the surface, which is extremely robust and durable.



#### **Surface refinement with anodised finish**

Untreated aluminium oxidises when exposed to oxygen. This surface process can be artificially induced to protect against corrosion. The resulting anodised surface is corrosion-resistant and insensitive to wear following final compaction. Even the applied paint remains stable.

Our fleet of machinery makes us a qualified supplier of machined and surface-treated aluminium and metal parts. As an industrial service provider, we have many years of experience in the field of component assembly. This also includes bringing components together, training employees, accepting work contracts and hiring out specially trained employees.



#### **Component and assembly production**

*Whether individual elements or complete assemblies – we supply both partially and completely assembled units at the customer's request.*



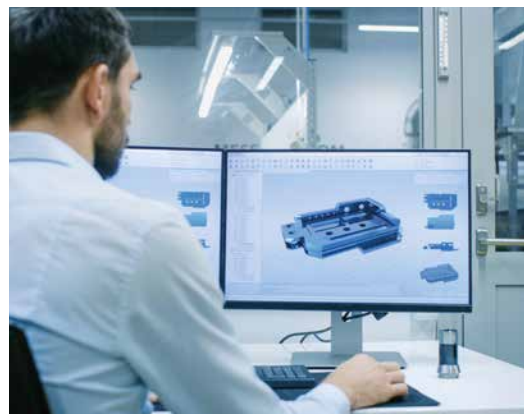
#### **Checks**

*We are able to guarantee that the wishes and requirements of our customers are fully met through our highly standardised quality management system.*



#### **Logistics/warehousing**

*The desired profile or the required component in the specified quantity at the right time at the right place for us means customer-focused storage, careful raw material management and just-in-time delivery.*



#### **Engineering**

*We invest in research, development and design in order to support our customers both now and in the future with innovative ideas and cutting-edge technology.*





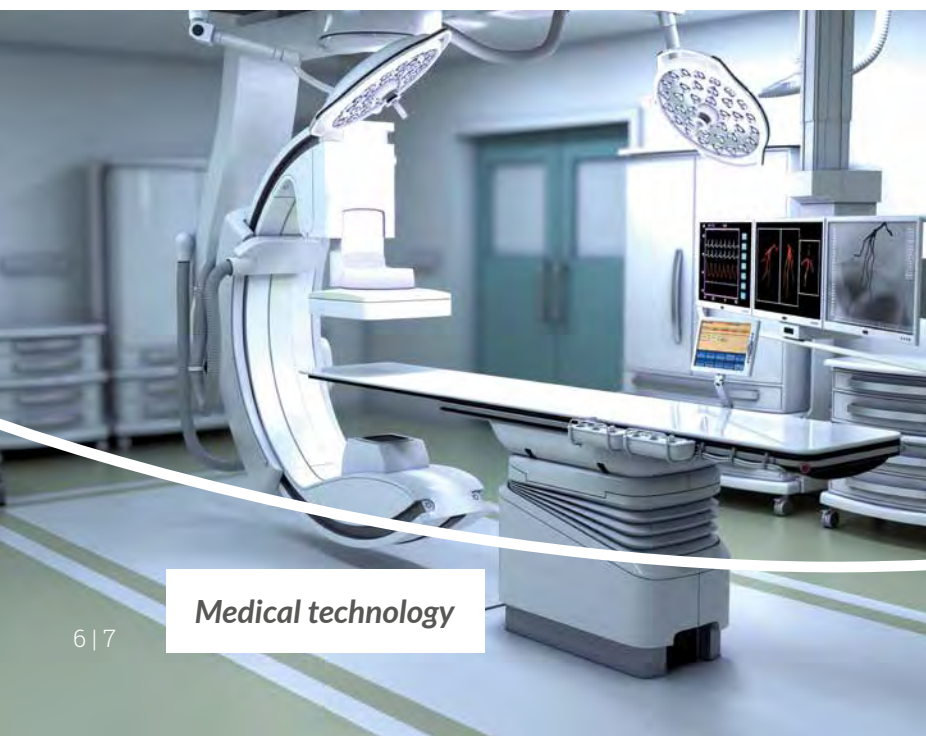
Air freight industry



Automotive



Construction industry



Medical technology



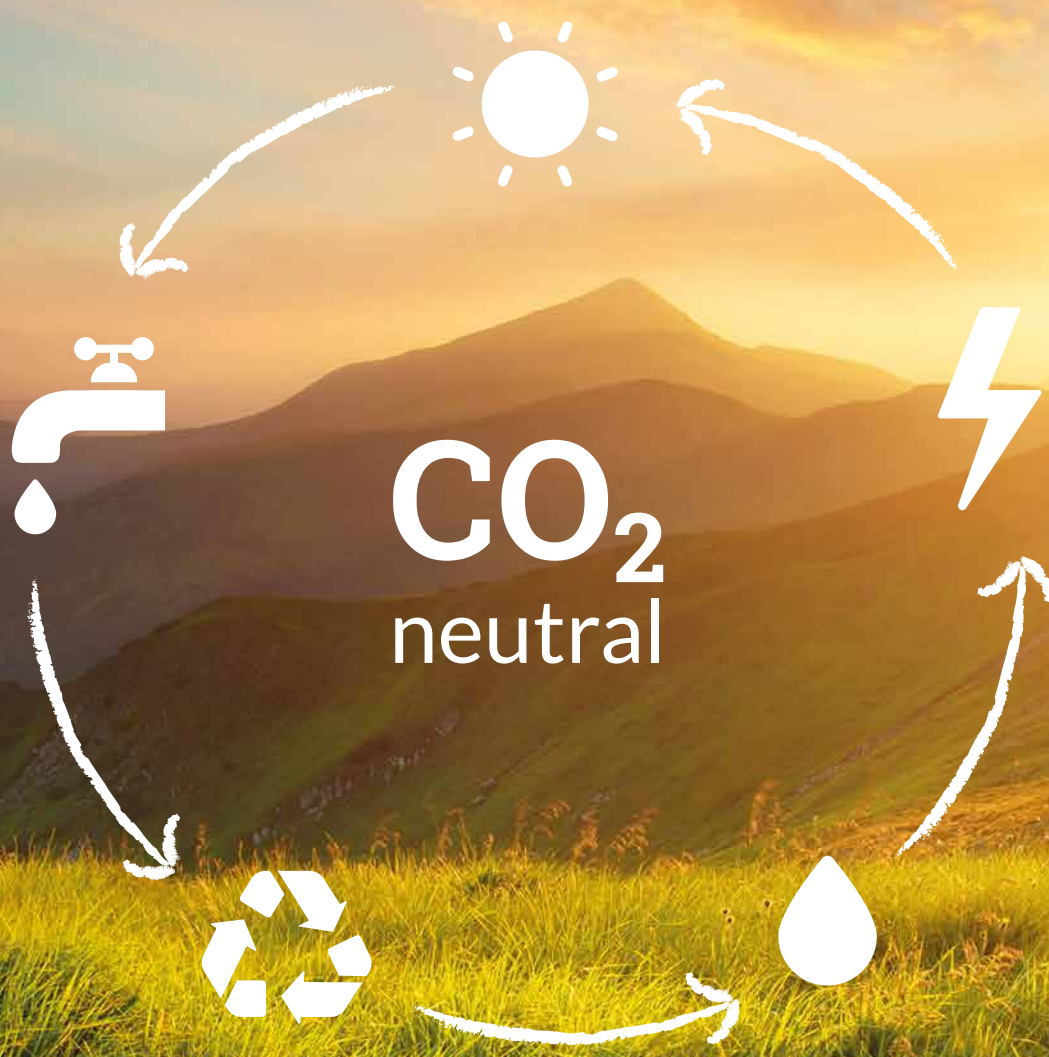
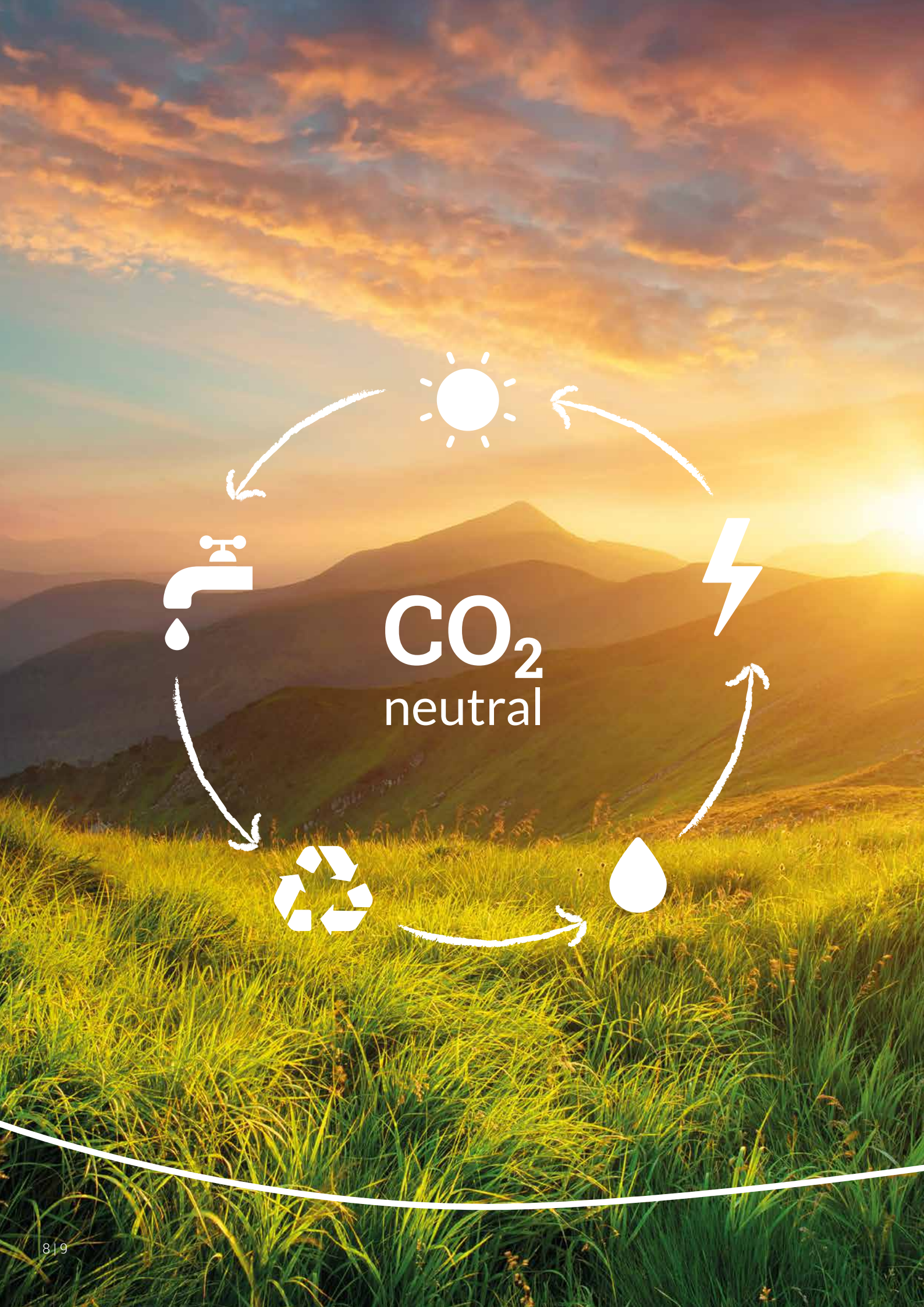


A large industrial factory setting with a car body on an assembly line. The car is silver and has its rear door open. A worker in a white shirt is visible in the background. The factory has a high ceiling with various pipes and structural elements.

# MATERIAL OF THE FUTURE

Aluminium is our profession. Whether for aerospace, automotive and e-mobility, robotics, medical technology or for the buildings of the future: We develop innovative and sustainable aluminium products for the markets of the future. Our team identifies the right raw and primary materials, researches suitable production facilities at home and abroad, and finishes the semi-finished products in intelligent machining centres to form system components ready for installation. We can draw on around 50 years of experience in aluminium for this purpose. But that's not all. We are also proficient in stainless steel, steel and plastic.









# CONSERVING

# RESOURCES

Acting responsibly today means thinking in terms of recycling systems and value chains. This includes energy supply, raw material recycling as well as responsible supply and disposal. Aluminium materials in particular offer the best conditions here. When sustainably recycled, they lay the foundation for new products.



*We place great value on processes and designs that save raw materials.*

*We pride ourselves on CO<sub>2</sub>-neutral production in our production facilities. This is why we generate our own renewable energy and reduce or avoid factors that have a negative CO<sub>2</sub>-impact.*

*We will achieve this corporate goal by 2022 (as of 07/2019: 55 %).*







# CREATIVITY AND COMPETENCE DEVELOPMENT

If consistently further developed, human capital in an industrial community is subject to a constant process of change. We count on the expertise of our experienced employees and external specialists as well as on the qualified training and further education of our junior staff.

We are continuously investing in research and development and work in close cooperation with universities, technical colleges and research institutes.



# OUR DIVERSITY IS REFLECTED

# IN OUR SOLUTIONS

*Our claim: A-supplier status = zero error strategy*



*Air freight*



*Construction sector*



We believe that intelligent solutions **from a single source** are part of our daily commitment to work and application. From the procurement of raw materials, production of semi-finished products, mechanical processing and surface refinement, to the assembly of products and systems ready for installation, as well as distribution through an efficient warehouse and logistics system.



*Construction sector*



*Automotive*





# SERVICES

*Technical advice.*

*Location analyses.*

*Process relocations.*

*Rental of warehouse space.*

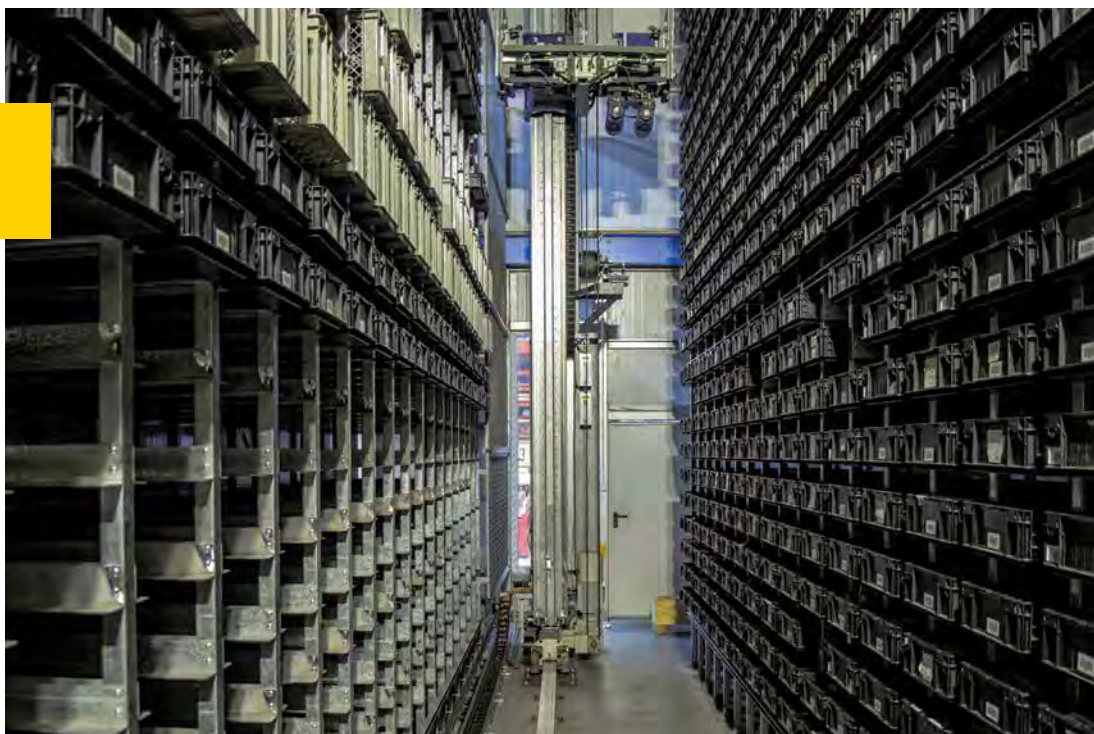
*Property management.*



# TRADE

*Trade in semi-finished aluminium  
and stainless steel products.*

*Distribution.*



# BUSINESSES

*TEC Consult GmbH*

*Pannon Metal GmbH*

*Elrec GmbH*

*I.C.I*







# PRODUCTION

Manufacture of aluminium and stainless steel products.

Machining of aluminium castings.



# PARTNERS



OTTO VON GUERICKE  
UNIVERSITÄT  
MAGDEBURG

FAKULTÄT FÜR  
MASCHINENBAU



# LOCATIONS

Remagen – Germany

Harzgerode – Germany

Brzeg – Poland

Fót – Hungary



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[info@3river.eu](mailto:info@3river.eu)

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DE-53424 Remagen

*Detailed information about our fleet  
of machinery, alloys and certificates  
can be found on our homepage.*

