



SUSTAINABLY

MEGA 

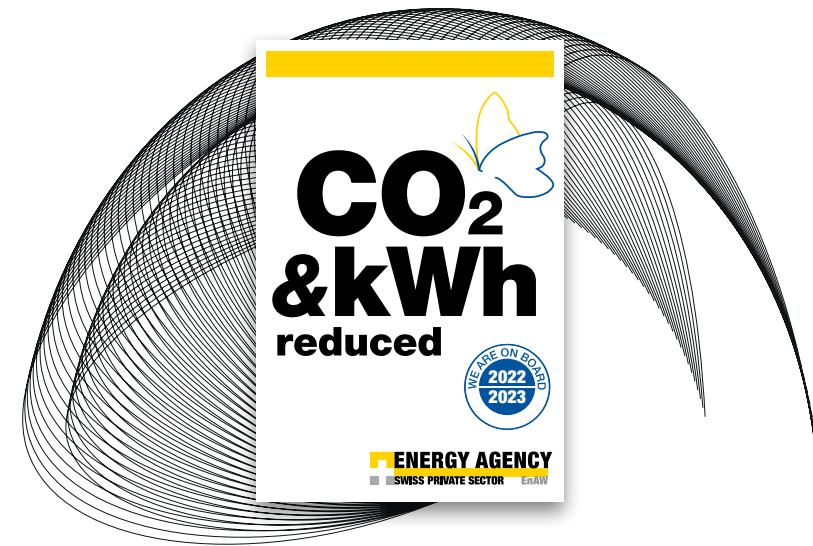
PERFECT IN SHAPE.



Sustainability

Sustainability is an important element at MEGA GOSSAU AG, the Swiss market leader in zinc die casting. It is firmly anchored in our mission statement.

We are convinced that responsibility for people, the environment and products is expressed, among other things, in the careful use of resources. Therefore, we take care of our environment. With targeted periodic audits and measures, we not only ensure compliance with regulations, but we also continue to develop beyond them. As a member of the Energy Agency for Industry, we are committed to ambitious environmental protection objectives.





Conformity

In our own interest and in order to ensure a high level of delivery reliability, we monitor compliance with laws, regulations and ordinances. We strive for responsible use of resources.



REACH is an EU regulation which aims to better protect people and the environment from the risks that can arise from chemicals.



The RoHS Directive serves to restrict the use of certain hazardous substances in electrical and electronic equipment.



With the Dodd-Frank Act, a law has come into force which contains regulations for companies in dealing with conflict minerals.



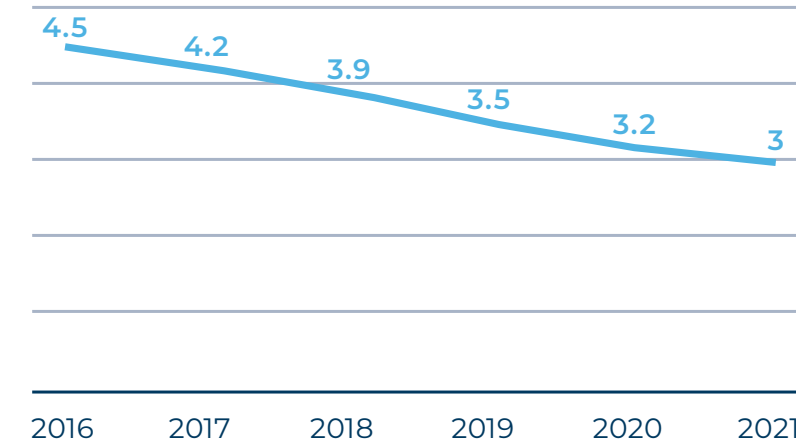


Energy management

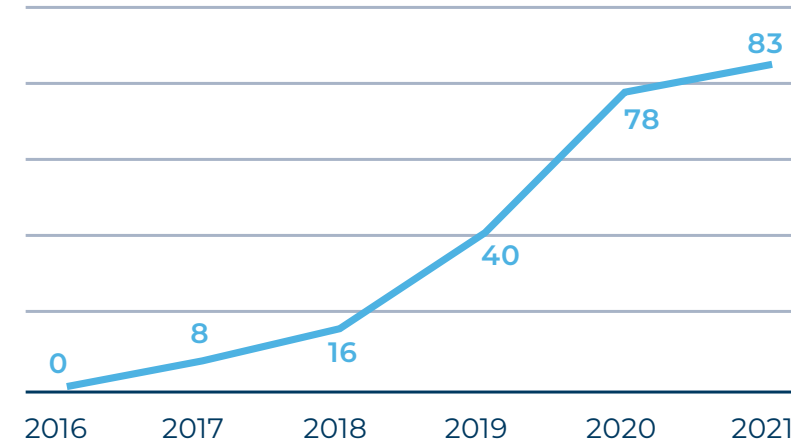


Xamax equips us with a fully automatic load control system. The Xamax system controls ventilation systems and zinc holding baths (night/weekend reduction of bath temperatures). It reduces annual electricity consumption by around 70,000 kWh. With the help of the installed energy management software, a high level of awareness and monitoring of electricity purchases is also possible.

Power consumption (GWh per year)



CO₂ saving (tCO₂ per year)



Consumption monitoring is used to identify outliers in energy consumption, to control costs and to increase electricity efficiency. In addition, peak loads can be significantly reduced, which leads to further cost savings.





Cleaning

A further contribution to sustainability is made by our ecological and economical recycling and wastewater treatment plants, which are at the cutting edge of technology. With regular audits and the measures derived from them, we ensure compliance with regulatory requirements and ordinances.



Protection

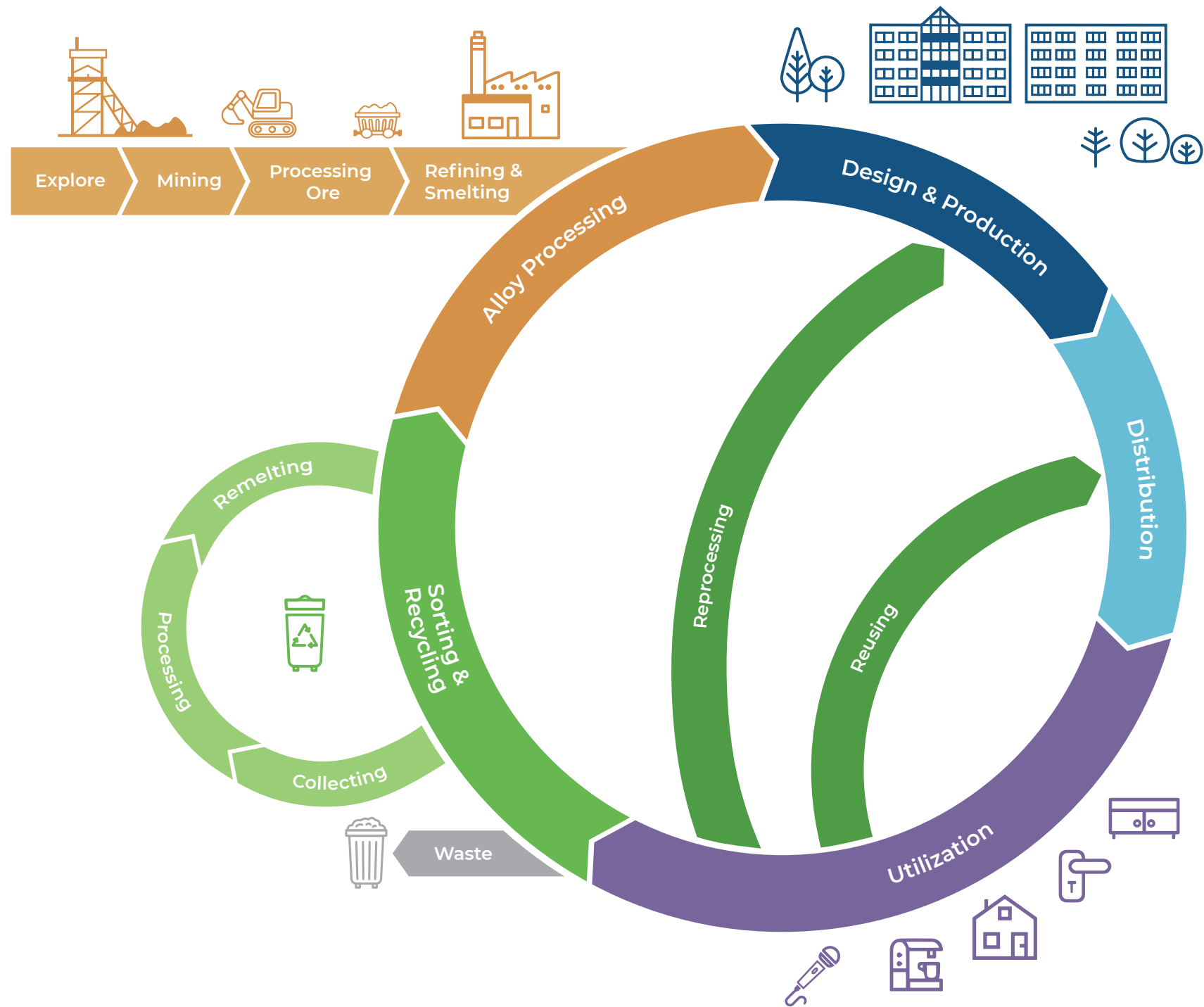
We pay attention to our environment and employee-friendly coating materials. Since 2021, we have converted our electroplating facilities to the modern CHROM 3(III) coating process, which uses a low chromium content. Less harmful waste products are produced, which better protects our employees and reduces the burden on the environment.





Sorting & Recycling

Zinc alloys are harmless from an environmental point of view. The casting process produces only negligible amounts of wastewater. The use of zinc die-cast components is safe. At the end of the life cycle, the components can be returned to the existing and proven recycling cycles of the industry.



Urban mining

The extraction of zinc from mines is associated with environmental and social challenges. Zinc from urban mining is extracted from urban or industrial by-products such as filter ash from waste incineration plants, which recycles valuable resources and reduces the environmental impact.

Since 2023, we have been manufacturing our MEGA zinc fittings entirely from high-quality Swiss zinc from urban mining. We are also working on using only zinc from the secondary extraction process, such as recycled zinc from scrap processing, in our manufacturing processes.

MEGA



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