

OUR STRATEGIES FOR A GREEN FUTURE

voestalpine BÖHLER Edelstahl



MATERIAL INNOVATIONS FOR THE FUTURE SINCE 1870

For generations the name BÖHLER has been synonymous worldwide with top quality special steels. The BÖHLER companies today are located on sites with a long history in steelworking. At voestalpine BÖHLER Edelstahl we develop, produce and deliver high-speed steels, tool steels and special steels for customers worldwide. Through research and development of new environmentally friendly manufacturing processes and products, we secure living space for current and future generations.

FOCUS ON SUSTAINABILITY OUR ACTIONS

As an innovation leader in the development and production of special steels, we have made sustainable production processes and responsible use of resources an inherent part of our corporate philosophy for decades. This concerns all areas of the production chain and focuses on using resources, especially raw materials and energy, as economically as possible and minimizing the environmental impact of processes and products.

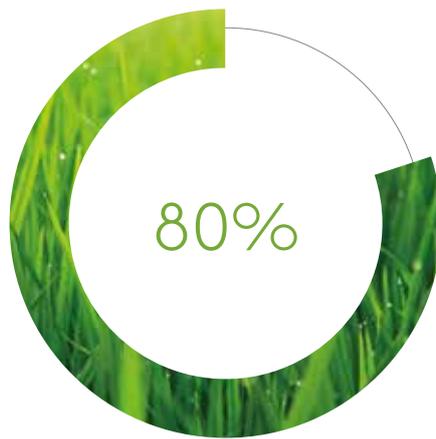
SPECIAL STEEL AN ENVIRONMENTALLY FRIENDLY MATERIAL

Along with innovative solutions for a sustainable future, the raw materials used play a crucial role. Special steel is an indispensable material for our modern world because it is versatile, durable and environmentally friendly. No other material is recycled as effectively as special steel, in unlimited cycles and with no loss of quality. Worldwide roughly 80 percent of all steel ever produced is still in use today, making it an environmentally exemplary material.

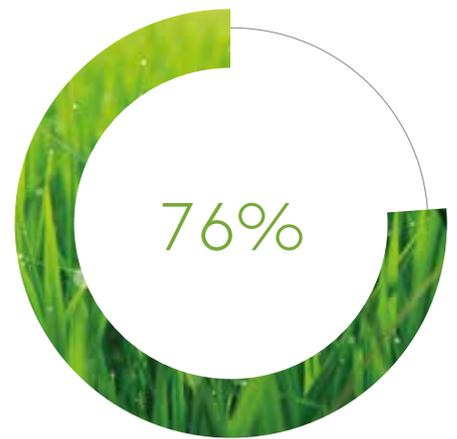




**SPECIAL STEEL
IS 100%
RECYCLABLE**



**WORLDWIDE
ROUGHLY 80 PERCENT
OF ALL STEEL
EVER PRODUCED
IS STILL IN USE TODAY**



**OUR PRODUCTS
ARE MADE FROM
UP TO 76%
RECYCLED SCRAP**



The new electric steel plant in Kapfenberg sets new standards in production quality, process reliability and environmental practice.

OUR STRATEGIES FOR THE FUTURE

Strategic fields
of voestalpine BÖHLER Edelstahl

SUSTAINABLE PRODUCTS

We work on the development and production of sustainable special steels, which offer environmental, social and economic benefits while at the same time protecting public health and the environment over their entire lifetime, from raw material extraction to end-of-life disposal.



SUSTAINABLE TRANSPORT

We are gradually converting our vehicle fleet to e-mobility, investing in e-mobility infrastructure, optimizing our delivery logistics, and encouraging “soft mobility” among our employees (sustainable, low-impact, socially responsible and low-accident modes of travel, such as walking, cycling or using public transportation).



SUSTAINABLE OPERATIONS



We integrally accept our corporate responsibility: We deploy the best available technologies in our production facilities, and we continuously pursue higher efficiency, lower emissions, and less use of resources and energy in the framework of existing steel production.



SUSTAINABLE SUPPLY CHAIN



We practice active supply chain management. The social and environmental impacts and risks of supplier activities are systematically identified, evaluated and taken into account in supplier development.



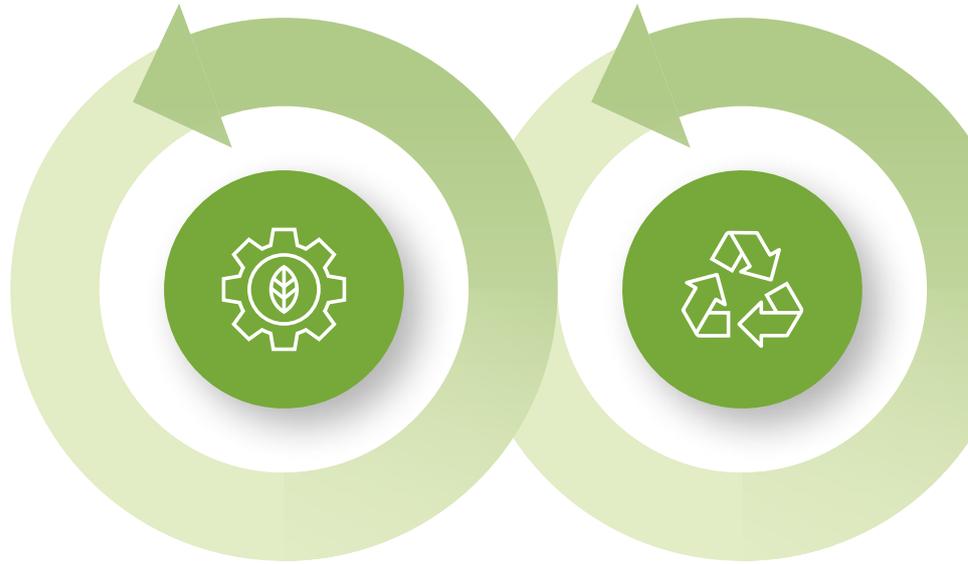
SOCIAL RESPONSIBILITY

Social responsibility has been an integral part of our business since the establishment of BÖHLER in 1870 by the Böhler brothers, and we regard it as a commitment to future generations.

We take our obligation seriously to deal consciously with the diversity, achievements and potential of our employees, society and other organizations.

STRATEGIC FIELDS AND ACTIONS

of voestalpine BÖHLER Edelstahl



SUSTAINABLE OPERATIONS

Energy efficiency

Continual improvement of production processes, deployment of the latest technologies, and advanced concepts for waste heat and heat recovery make a significant contribution to higher energy efficiency.

Renewable energy

We generate and use exclusively green electricity for our production facilities.

Reduction of emissions and immissions

We have a clear decarbonization strategy to reduce our CO₂ emissions. By deploying the best possible, environmentally friendly technologies, we can reduce the environmental burden in the air, water and soil to a minimum.

Chemicals and ingredients

We reduce the use of hazardous chemicals and ingredients in our processes and products.

SUSTAINABLE PRODUCTS

Circular economy

By operating a circular economy and recycling our scrap and materials, we can produce more sustainable products.

Environmental footprint

By reducing our environmental footprint, we make a significant contribution to climate protection.

Sustainable business models

Through the implementation of our sustainability strategy, we aim to offer sustainable special steel products in the future.



SUSTAINABLE SUPPLY CHAIN

Sustainable procurement

ESG-compliant products

Dealing responsibly with people and the environment, along with honest and transparent business management in our supply chain, form the essential basis of our sustainable business success.

SUSTAINABLE TRANSPORT

E-Mobility management and infrastructure

By expanding our electric vehicle fleet and our electrical charging infrastructure, as well as support projects, we offer our employees and our customers access to sustainable transportation.

Sustainable logistics

We include transportation from suppliers and to customers in our logistics strategy.

SOCIAL RESPONSIBILITY

Positioning as an attractive employer

Employee development and promotion

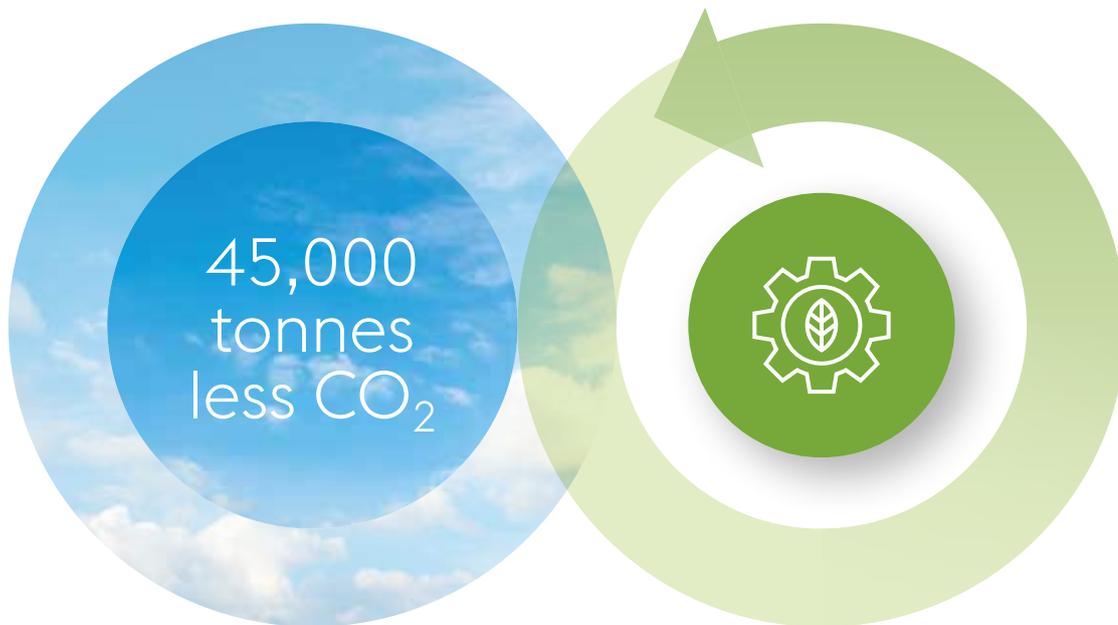
Diversity

Respect for all persons, regardless of gender, skin color, nationality, ethnic origin, religion or ideology, disability, age, sexual orientation or identity, is important for us.

Health and safety

Our health promotion programs and our corporate and personal safety measures increase the health and safety of our employees.

SUSTAINABLE OPERATIONS



We have prevented CO₂ emissions by 45,000 t since 2014.

This corresponds to the annual CO₂ emissions of 2,700 households.

STRATEGIC AREAS AND ACTIONS

CO₂-neutral by 2050

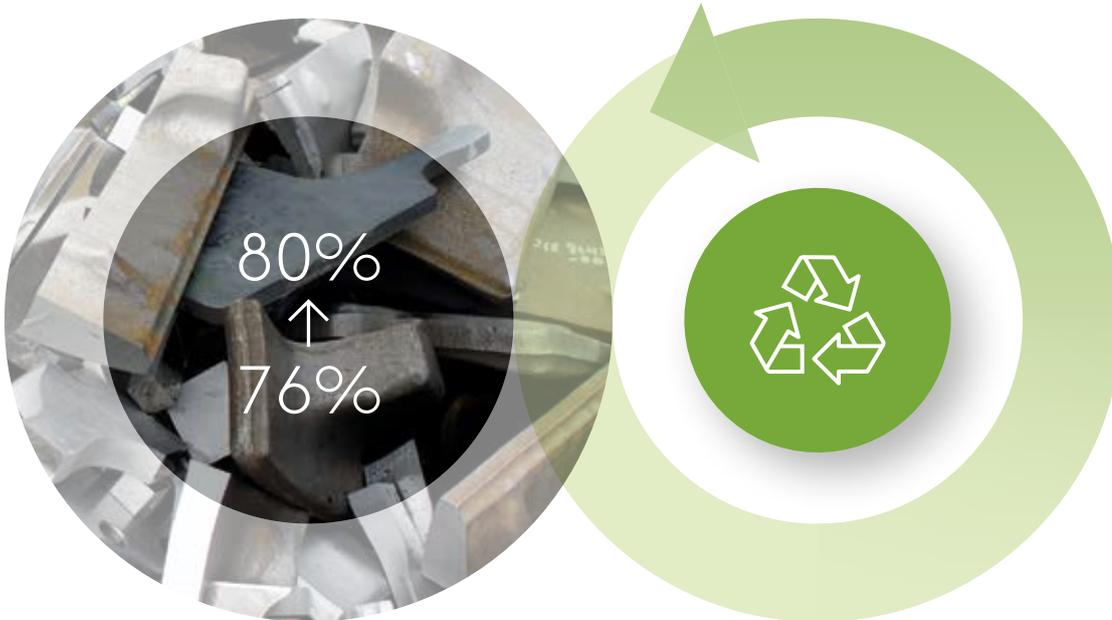
- » Reducing energy consumption by 2% per year by using of energy efficiency measures
- » Increased utilization of waste heat (e.g. for cooling and heating buildings or district heat)
- » Developing alternatives to natural gas (e.g. hydrogen, syngas, green electricity, etc.)
- » Boosting local generation of renewable energy (e.g. hydro power, photovoltaics, wind power)
- » Deployment of 100% renewable electrical energy
- » Deployment of green industrial gases

Reducing emissions and immissions

- » Dust, NO_x, water, etc.

Reducing the deployment of hazardous chemicals and ingredients

SUSTAINABLE PRODUCTS



Our average recycling rate is currently 76%. We aim to use more than 80% recycled raw materials by 2030.

STRATEGIC AREAS AND ACTIONS

Circular economy projects for critical raw materials

- » Recycling of waste streams and byproducts
 - » Goal: Recycling rate 80% by 2030

Reducing the environmental footprint during the entire product life cycle

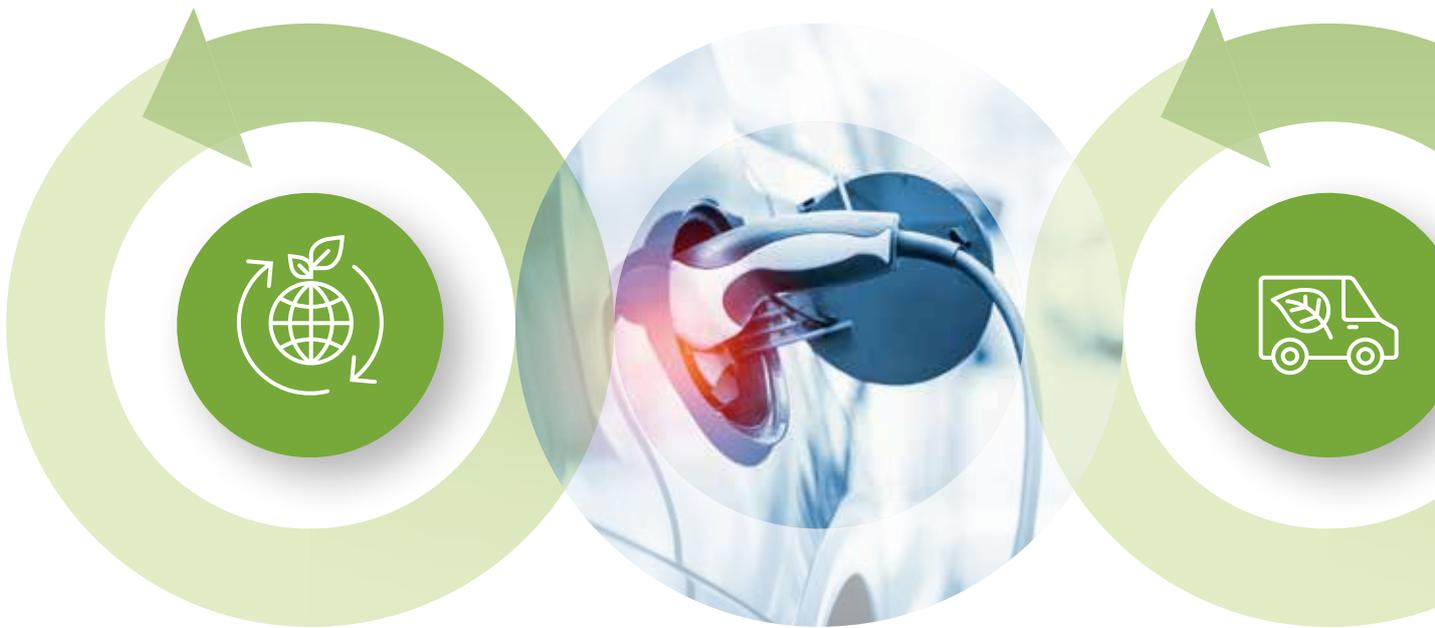
- » 50% reduction of our CO₂ footprint (Scope 1 & Scope 2) by 2030
- » Life cycle assessment at the product level with current data for relevant product groups (Scope 1, 2 & 3) by 2025

Sustainable business models

- » Encouraging scrap and material recycling by customers, VAS companies and our external partners
- » High-performance materials with a smaller CO₂ footprint

SUSTAINABLE SUPPLY CHAIN

SUSTAINABLE TRANSPORT



STRATEGIC AREAS AND ACTIONS

Procurement of ESG-compliant products

Focus on sustainable procurement

- » Consideration and reduction of upstream and downstream emissions

STRATEGIC AREAS AND ACTIONS

Sustainable transportation to customers and from suppliers

Higher proportion of e-mobility in our fleet

E-Mobility infrastructure for employees, customers and suppliers

SOCIAL RESPONSIBILITY



STRATEGIC AREAS AND ACTIONS

Positioning as an attractive employer

Employee development and promotion

Fostering health and safety

- » Reducing Lost Time Injury Frequency Rate (LTIFR) by 50% until 2030
- » Health rate > 96% by 2030

Fostering diversity over all workplaces

- » Equality and diversity in all workplaces
- » Raising the proportion of women to 15% by 2030

RENEWABLE ENERGY



Electricity for voestalpine BÖHLER Edelstahl is sourced 100% from green energy. On average, 1,000 households per year can be supplied with power from the company's own electricity generation (small hydropower plant and PV systems).



SUSTAINABLE OPERATIONS

Renewable energy production on-site:

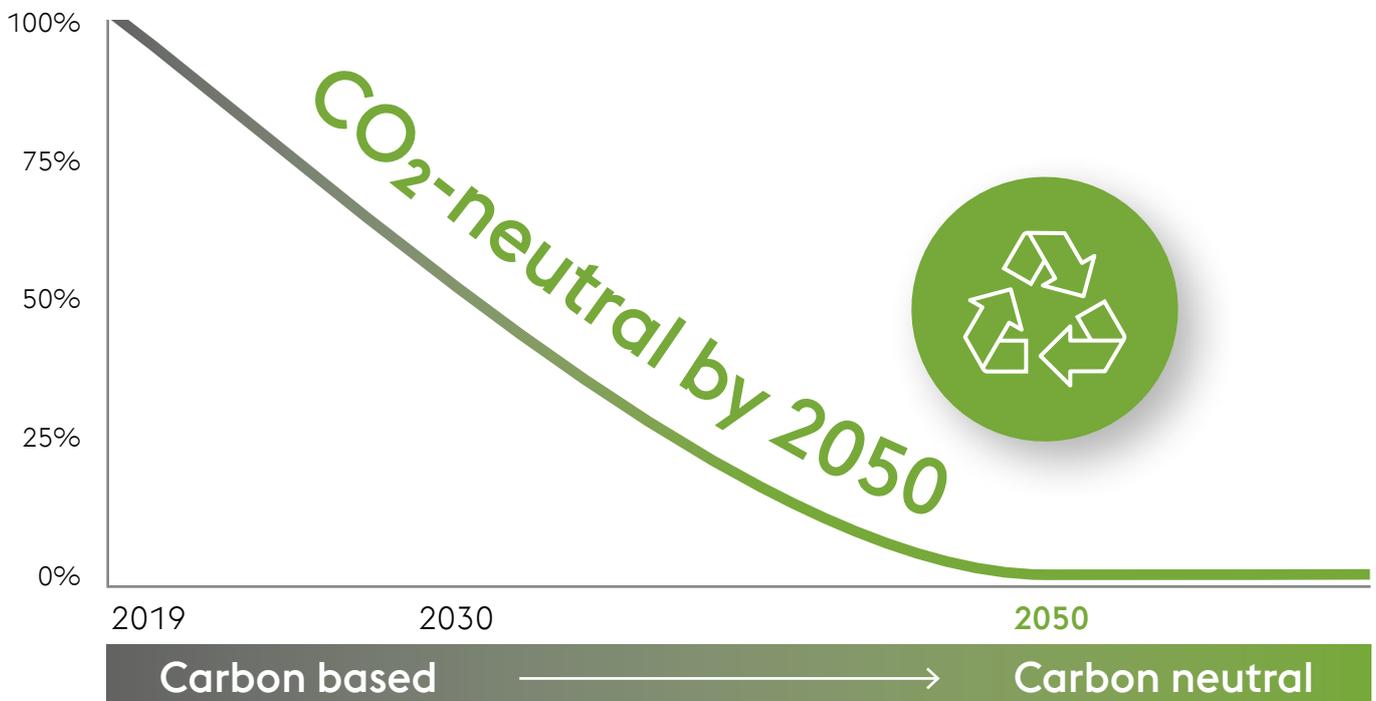
- » Hydropower
- » PV-installations on roofs

Renewable energy consumption:

- » Electricity from 100% renewable energy

Green solar power is provided by 7,000 m² of solar panels on the roofs of voestalpine BÖHLER Edelstahl buildings.

ON THE WAY TO CO₂-NEUTRALITY



As part of the iron and steel industry, a significant player in terms of energy and emissions, we have a responsibility to contribute to EU climate goals and to global climate protection.

We have set a goal to reduce our CO₂ emissions by 50% by 2030 and to have our production be CO₂-neutral by 2050.

SUSTAINABLE OPERATIONS

Purchasing Green Energy

Focus on alternatives for natural gas

» Hydrogen, syngas

Reducing our CO₂-footprint (scope 1 & scope 2) -50% until 2030

Increase energy efficiency measures

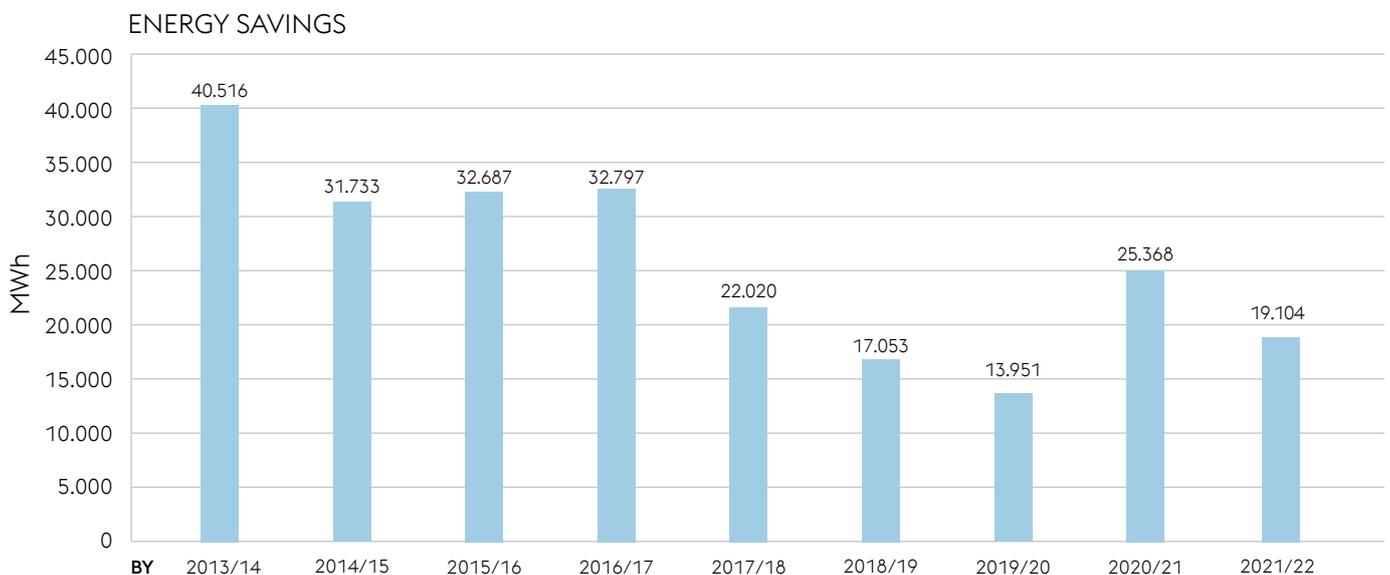
Increase renewable energy production on-site

» Hydropower, pv-installations, wind power

Consumption of green, industrial gases

ENERGY EFFICIENCY

Boosting energy efficiency makes an essential contribution to our sustainability strategy and to achieving CO₂ neutrality. With our goal of reducing energy consumption by 2% per year using energy efficiency measures, we have avoided roughly 45,000 tons of CO₂ emissions since 2014.



Through energy efficiency measures, we have reduced our power consumption by 235 million kilowatt-hours since 2013. This is enough to supply power to 23,000 Austrian households for one year.

SUSTAINABLE OPERATIONS

Furnace optimizations

- » E.g. recuperative and regenerative burner systems, combustion optimization, lambda measurement and control

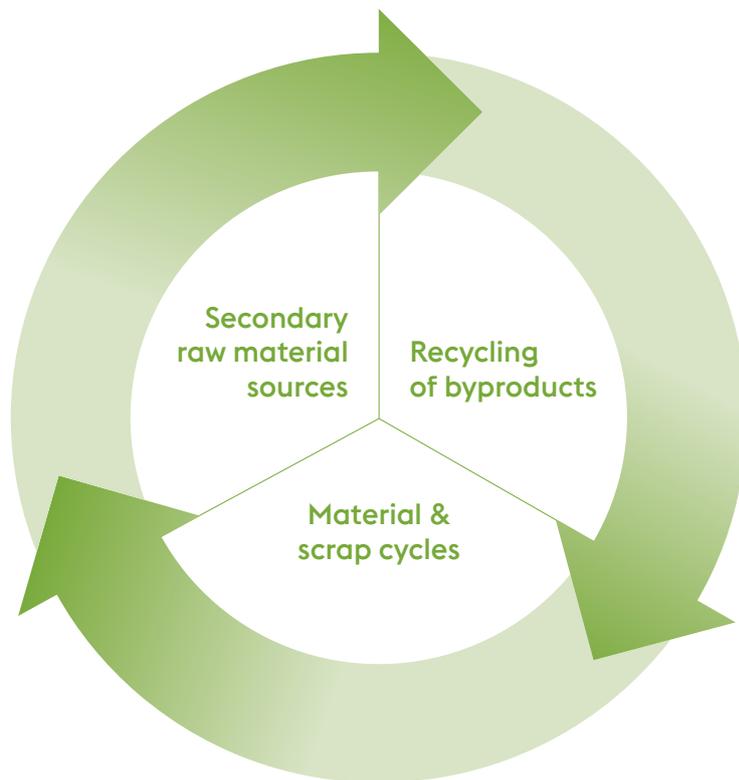
Process and infrastructural optimization

- » E.g. output improvement, waste heat recovery, control technology, process adaptations, minimization of trafo losses

Electrical savings

- » E.g. LED-systems, process optimization

CIRCULAR ECONOMY



The availability (volume, competitive costs) of key materials is becoming increasingly important for the sustainable development of core segments. That's why voestalpine BÖHLER Edelstahl focuses on the recycling of scrap, waste and byproducts from customers and suppliers.

SUSTAINABLE PRODUCTS

Increasing the recycling rate

Decreasing the amount of primary raw material sources

Defined Strategy for recycle scrap from customers and suppliers

Recycling slag and other waste materials

» E.g. dust, metal chips

Circular economy Projects

- » Defined Buyback process at BEG
- » Knowledge building and sharing for handling scrap as waste in the recycling process over all involved parties

SUSTAINABLE TRANSPORT



E-MOBILITY MANAGEMENT

E-Mobility transformation from conventionell drive to electrified drive

- » E-mobility for internal fleet
- » E-mobility for costumers and supplier
- » E-mobility for employeer

Switching from fossil fuel vehicles to electromobility is a component of our sustainability strategy.

With the expansion of our electrically powered fleet, we are creating the transformation to clean and more efficient mobility.

SOCIAL RESPONSIBILITY



We are aware of our social responsibility to our employees, and we look after the health and safety of our employees and offer a wide range of training and education opportunities.

POSITION AS ATTRACTIVE EMPLOYER

Fair remuneration

Employee shareholding

Contribution to retirement plan

Private foundation

KVP-program

Development and promotion

Benefits

DEVELOPMENT AND PROMOTION OF EMPLOYEES

Exciting work assignments

Targeted education and trainings

Social and professional support

Expert and management careers

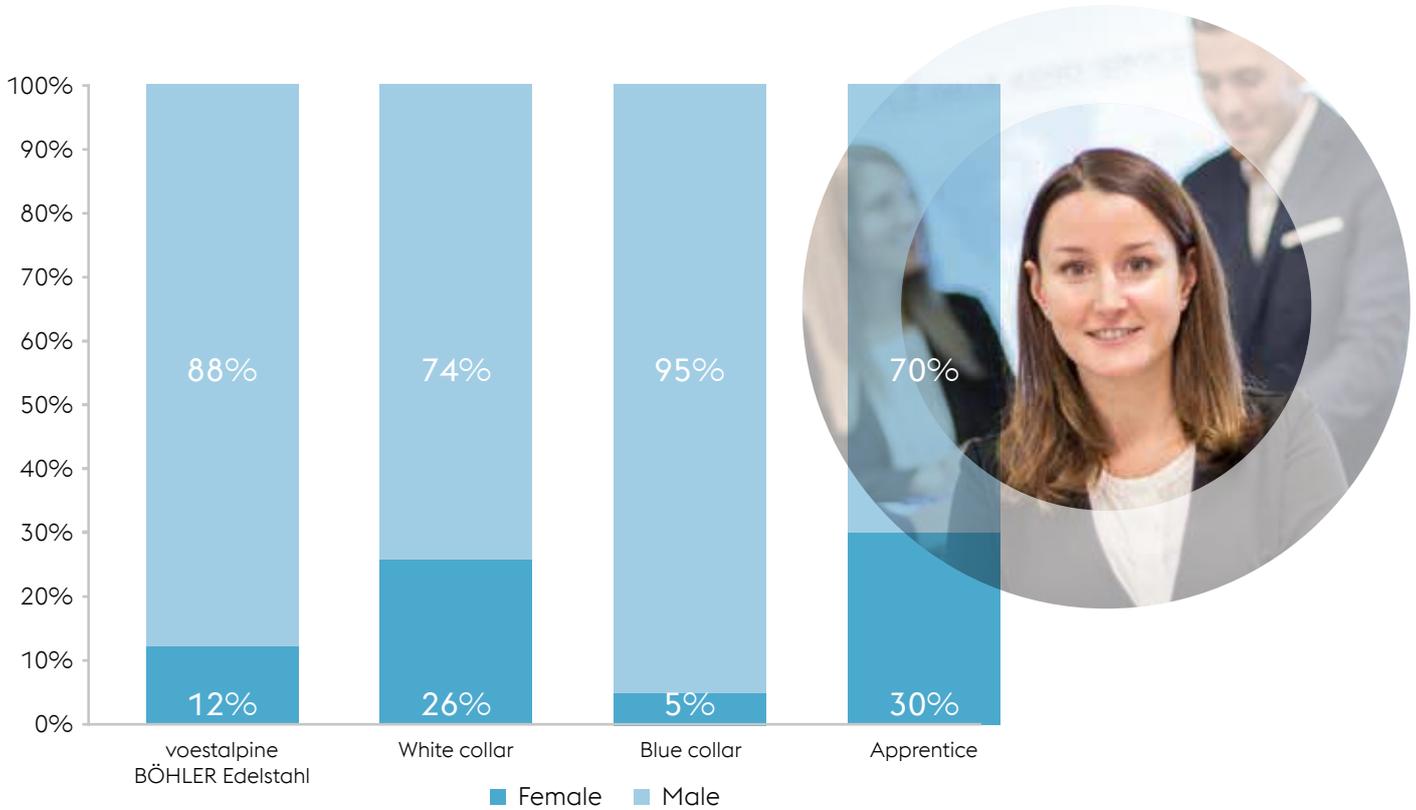
Apprentice programs

Training center for apprentices

Integration management

Youth projects

SOCIAL RESPONSIBILITY



BENEFITS

Home Office

Flexible working time

Grant for infant care

Information and guidance for parental leave

Integration management

Job ticket

Work/life balance

DIVERSITY / WOMEN'S QUOTA

Increase the proportion of women to 15% by 2030

Equality and diversity through all workplaces

HEALTH & SAFETY

FREQUENCY RATE - LTIFR (Lost Time Injury Frequency Rate)



HEALTH

Healthy food offerings

Exercise offerings

Health care and raising awareness

Ergonomics and workplace design

- » Continuous work-related measures to create safe and healthy working conditions

Work/life balance coaching

- » To strengthen individual resources

Work ability coaching

SAFETY

BBS behaviour based safety trainings

DuPont project with focus on H&S responsibility leadership and trainings

Environment, Health & Safety (EH&S) activities and program

EH&S TOOLBOX

Activities in the last years

- » 14.000 safety walks
- » 14.000 EH&S workplace audits
- » 2.500 safety trainings
- » 23.000 safety talks
- » 1.100 documented near miss and unsafe conditions
- » 800 accident and incident analysis
- » Over 14.000 measures >98,8% implemented
- » Leadership and employee trainings

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ONE STEP AHEAD.