

## OUR STRATEGIES FOR A GREEN FUTURE

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**voestalpine BÖHLER Bleche**

# OUR STRATEGIES FOR THE FUTURE

Strategic fields  
of voestalpine BÖHLER Bleche

## SUSTAINABLE PRODUCTS

We work on the development and production of sustainable products, 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 & SOURCING



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  
H. BLECKMANN STAHLWERKE AG in 1863,  
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.



# SUSTAINABLE PRODUCTS



Briquettes of grinding dust

## CIRCULAR ECONOMY PROJECTS FOR RAW MATERIALS

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### Recycling of waste streams and byproducts

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#### Briquetting plant

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- » Briquetting of grinding dusts
- » Return of the pressed oil to the oil circuit

#### Hydrated lime

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- » Reuse of hydrated lime as milk of lime in the production process

# SUSTAINABLE SUPPLY CHAIN & SOURCING



## Project: Life cycle Assessment of A224 metal sheets (cradle-to-gate)

- » Calculation of the environmental footprint of 1 ton of A224 metal sheet

### Top 3 emission categories of the A224

- 87 % raw materials
- 10 % direct emissions
- 3 % upstream nat. gas

- » Raw materials have the greatest impact on the CO<sub>2</sub> footprint of a product



## STRATEGIC AREAS AND ACTIONS

Sustainable procurement of materials (rail transport)

Reduction of upstream and downstream emissions

External Sourcing of pre-materials at preferably local and European producers

Establishment of circular economy projects for Titanium slabs

Recycling of scrap at local and European processors and recirculation of resources to suppliers

# RENEWABLE ENERGY



**voestalpine BÖHLER Bleche**  
is supplied with 100% electricity  
from renewable sources.

Installation of PV systems  
on existing and planned  
hall areas.



# SUSTAINABLE TRANSPORT

The switch from fossil-fueled vehicles to electromobility is part of our sustainability strategy. With the expansion of the electric vehicle fleet, we are creating the transformation to cleaner and more efficient mobility.

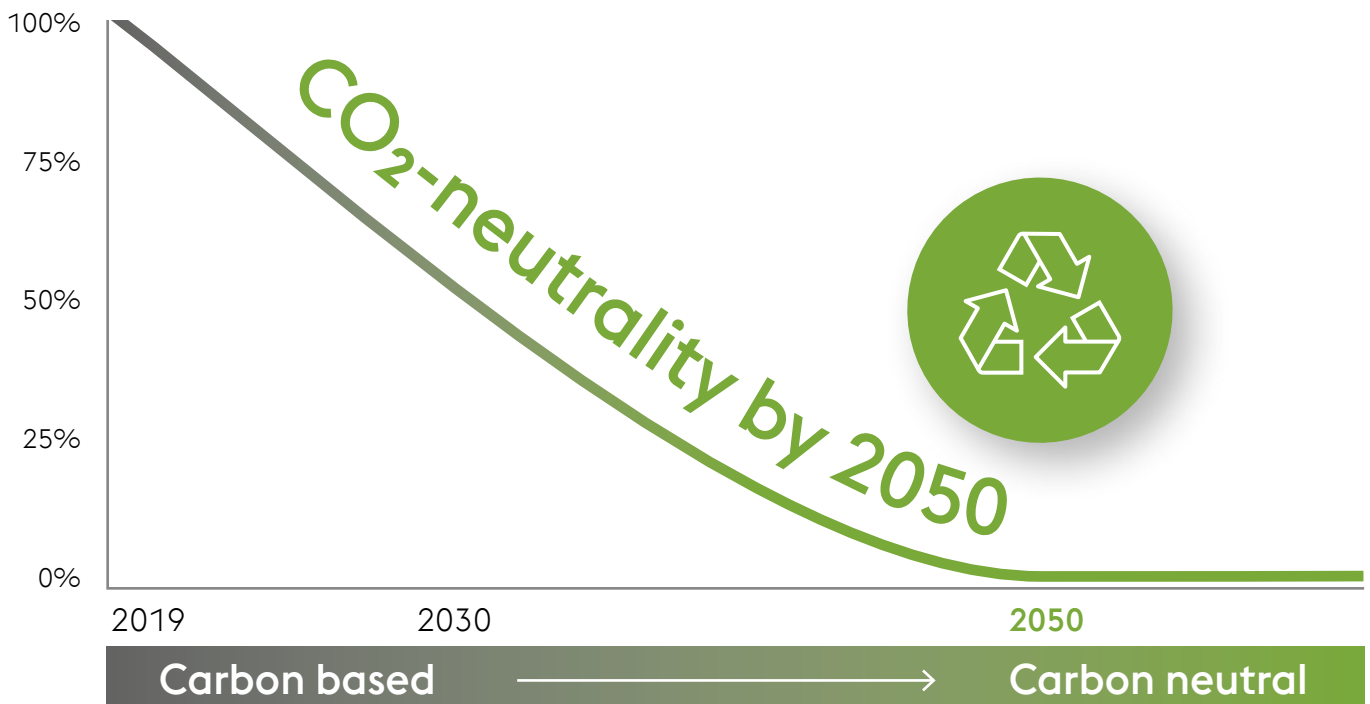


## STRATEGIC AREAS AND ACTIONS

### Transformation from conventional drive types to electrified driving systems.

- » E-mobility in the plant area
- » Integration of E-charging stations at the sites
- » Removal and delivery of material by train

# ON THE WAY TO CO<sub>2</sub>-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 a set goal to reduce our CO<sub>2</sub> emissions by 50% by 2030, and CO<sub>2</sub>-neutral production by 2050.

## SUSTAINABLE OPERATIONS

### CO<sub>2</sub> neutrality by 2050

- » Reducing energy consumption by 2% per year
- » Ongoing implementation of energy efficiency projects
- » Increasing the use of waste heat
- » Deployment of 100% electrical energy from renewable sources
- » Increasing local generation of renewable energy (photovoltaics, wind power)
- » Research into alternatives to natural gas (e.g. hydrogen)

### Continuous reduction of emissions and immissions

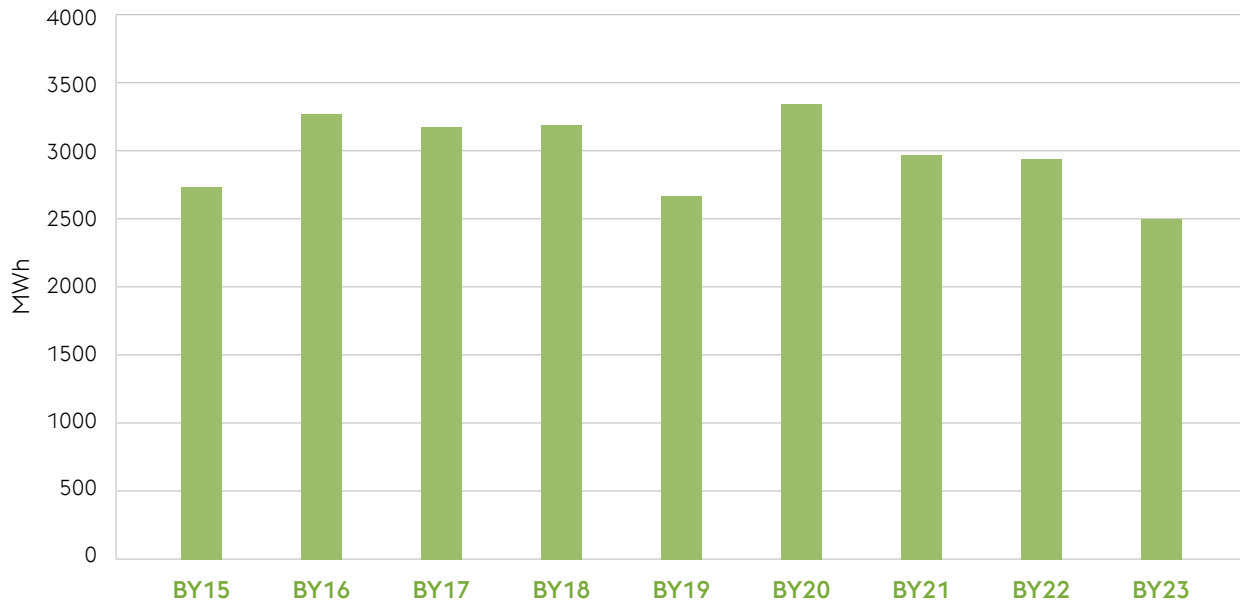
- » Dust, water, NOx, ...

### Reducing the use of hazardous chemicals and ingredients



# ENERGY EFFICIENCY

## ENERGY SAVINGS



### CURRENT ENERGY EFFICIENCY PROJECTS

#### Gas consumption rolling mill

- » Analysis and calculation of product-based gas consumption to identify energy reduction potentials and create the best product outcome

#### Implementation of 8 energy efficiency projects

- » With the implementation of 8 energy efficiency projects, around **2.488 MWh** have already been saved in the last business year
- » Furthermore, a savings potential of around **2.476 MWh** has now been identified for this business year
- » 7 further energy efficiency projects are planned for the 2023/24 business year

### MAJOR SAVINGS PROJECTS FOR BY24

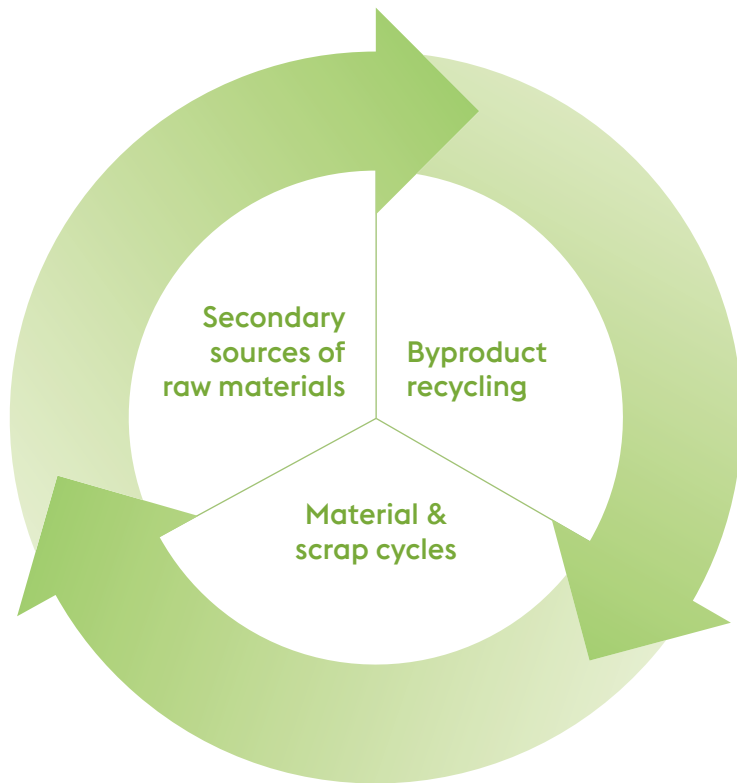
#### Electrical savings – LED lighting

- » Conversion of the existing hall and workplace lighting to LED technology

#### Furnace optimization – heat treatment processes

- » Recuperative burner systems
- » Combustion optimization
- » Lambda measurement and control

# 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 Bleche focuses on the recycling of scrap, waste and byproducts from customers and suppliers.

## STRATEGIC AREAS OF ACTION

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**Increasing the recycling rate**

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**Defined strategy for scrap recycling from customers and suppliers**

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**Recycling of slag and other waste materials**

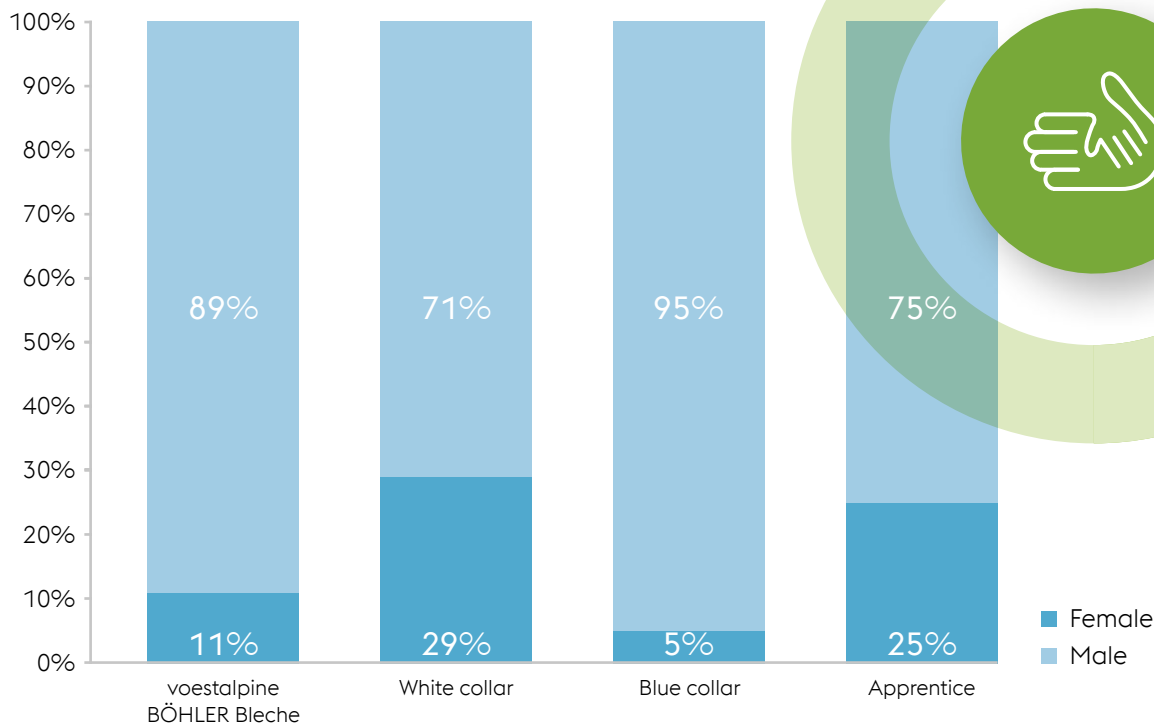
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» E.g dust, metal chips

**Circular economy projects**

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# SOCIAL RESPONSIBILITY



## STRATEGIC AREAS AND ACTIONS

### Positioning as an attractive employer

- » Fair remuneration
- » Employee shareholding
- » Contribution to retirement plan
- » Private foundation
- » KVP-program
- » Development and promotion
- » Benefits

### Employee development and promotion

- » Exciting work assignments
- » Targeted education and trainings
- » Social and professional support
- » Expert and management careers
- » Apprentice programs

### Benefits

- » Home Office
- » Flexible working time
- » Information and guidance for parental leave
- » Job ticket
- » Health benefits (preventive check-ups, hearing / vision tests, support membership for fitness center, yoga classes, ...)

### 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



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**voestalpine**

ONE STEP AHEAD.