



MISSION FUTURE

Environment and Sustainability



PERFORMANCE IN TUBULARS

Our world is based on high tech seamless pipes that can withstand the toughest conditions, day in, day out. We promise highest performance based on the core values customization, innovation, sustainability and responsibility.



CUSTOMIZATION



INNOVATION



SUSTAINABILITY



RESPONSIBILITY

MANAGEMENT SYSTEMS

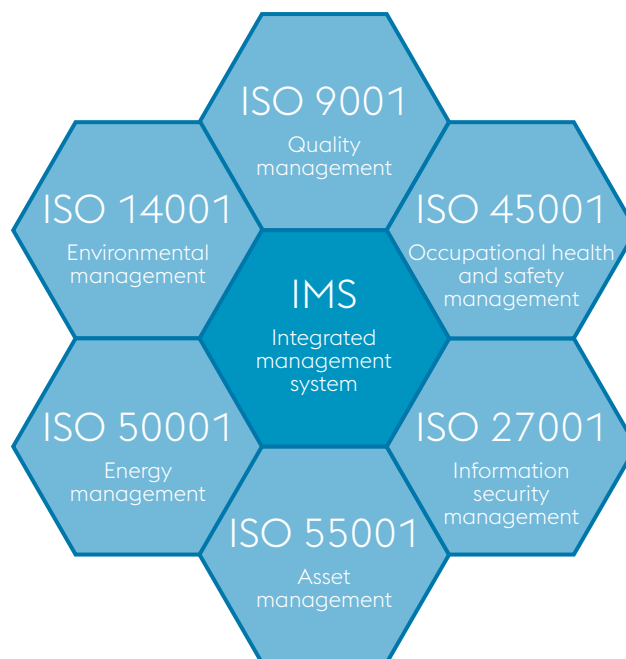
The voestalpine Tubulars GmbH & Co KG facility in Kindberg has been registered as an EMAS site with an environmental management system certified in accordance with ISO 14001 since 1999.

The environmental management system is part of the integrated management system currently comprising 6 different certified management systems:

- » ISO 9001 (quality management system)
- » ISO 14001 (environmental management system)
- » ISO 45001 (health and safety management system)
- » ISO 50001 (energy management system)
- » ISO 55001 (asset management system)
- » ISO 27001 (information security management system)

In addition to the ISO management systems, a safety management system for the maintenance of rail vehicles in accordance with EU Regulation 2019/779 was introduced in 2025, integrated into the existing integrated management system, and successfully certified.

In addition to three EMAS awards for the best environmental declaration, the company has so far received numerous other awards in the field of environmental practice (Ökoprofit, klima:aktiv).



The integration of the environmental management system into a fully integrated management system ensures all issues handled by the various systems receive equal treatment.

In addition, it enables synergistic effects to be utilized and unnecessary duplication to be avoided.

A unified system gives employees a greater understanding of the relevant company processes.

ENVIRONMENTAL PERFORMANCE OF THE COMPANY

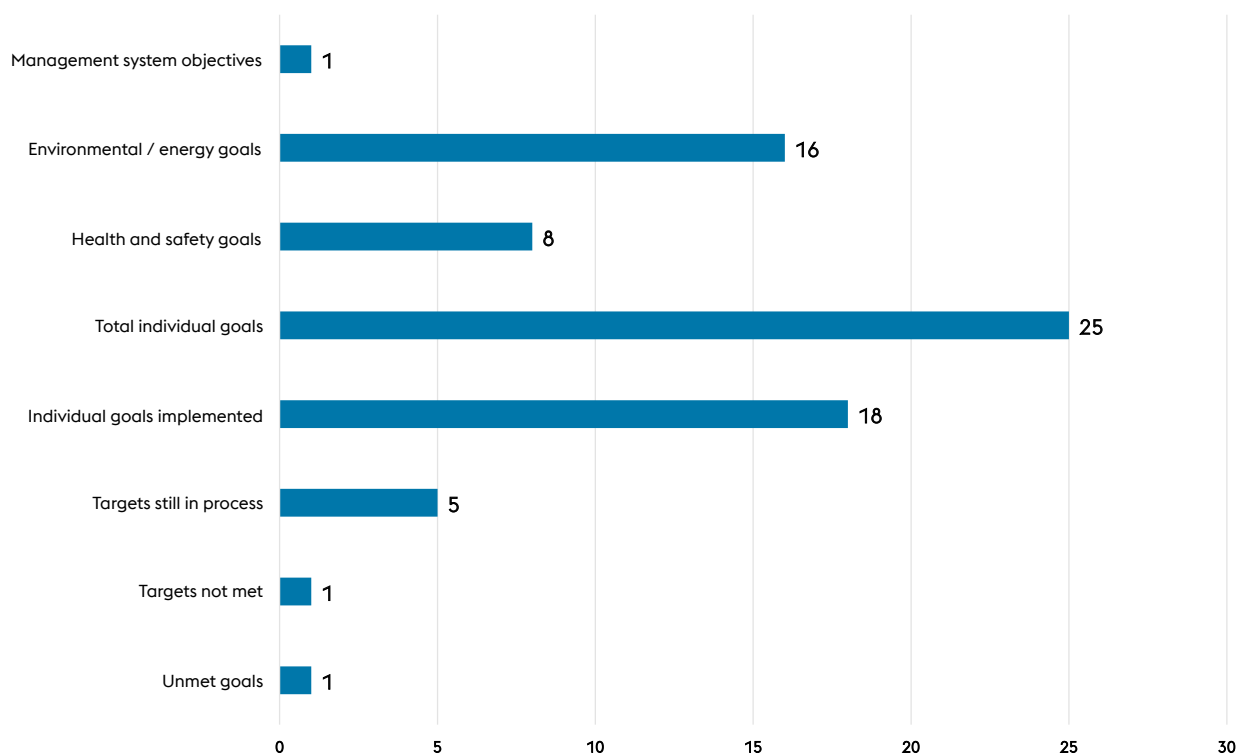
Environmental, energy and health & safety program:

A common environmental, energy and health & safety programme was defined for the financial year 2025/26 (April 1, 2025, to March 31, 2026), with 25 individual targets specified for the following areas:

- » Management system (1)
- » Sustainability (1)
- » Input materials (1)
- » Waste (3)
- » Water / waste water (2)
- » Exhaust air (2)
- » Energy (6)
- » Transport (1)
- » Safety (5)
- » Health (3)

Achievement of individual targets from the 2025/26 program:

Of the 25 environmental, energy, health, and safety targets for FY 2025/26, 18 were achieved on time, corresponding to a 72% implementation rate.



Individual targets for FY 2025/26 by area:

Management system

One individual target was set for the management system area and implemented on schedule.

- » **Approval for internal rail vehicles to operate on the public rail network** – Obtaining ECM certification for the maintenance of rail vehicles in accordance with Implementing Regulation (EU) 2019/779 – implemented (implementation and integration into the existing management system and successful external certification by TÜV Süd)

Sustainability

One individual target was set for the sustainability area and implemented on schedule.

- » **Knowledge of the current greenhouse gas footprint of the company and the product** through annual updating and external verification of GHG inventories in accordance with ISO 14064-1 (Corporate Carbon Footprint) and ISO 14067 (Product Carbon Footprint) – implemented (preparation of a GHG inventory according to ISO 14064-1 and ISO 14067 for the year 2024 and verification of both inventories by TÜV Süd)

Raw materials

One individual target was set for the raw materials area; however, the target was not implemented on schedule and will be continued in the IMS program for FY 2026/27.

- » **Use of a more environmentally and health-friendly mandrel lubricant** by replacing the existing mandrel lubricant for the thin-wall program with a boron-free lubricant – not implemented on schedule (supply issues on the part of the manufacturer) – to be continued in FY 2026/27

Waste

Three individual targets were set for the waste management area, of which two were implemented on schedule. One target will be continued in FY 2026/27.

- » **Overview of on-site waste collection points** by creating an updated overview of waste collection points at the site – completed (overview of waste collection points at the site was updated)
- » **Optimization of waste storage and labeling in the seamless tube rolling mill** as part of an Ökoprofit project – completed (labeling of waste storage areas and waste containers was updated)
- » **Reduction of paper waste generation through the introduction of paperless administration** in the threading department using digital work cards – to be implemented in FY 2026/27

Water / Wastewater

In the wastewater sector, two individual targets were set and implemented on schedule.

- » **Targeted collection of all wash water and discharge of pre-treated wastewater** into the public sewer system through the construction of a central treatment plant in the seamless tube rolling mill area – implemented (a washing facility for vehicles and various tools/spare parts/components was built; an indirect discharge agreement was signed with the Mürzverband, discharge of wash water into the public sewer system and subsequently into the Mürzverband wastewater treatment plant)
- » **Reduction of nitrate and nitrite discharge into the Mürz** receiving water via wastewater from the neutralization plant of the coupling shop through indirect discharge of wastewater into the sewer system – implemented (Indirect Discharge Agreement with the Mürzverband and modification of the discharge of

wastewater from the neutralization plant into the public sewer system and subsequently into the Mürzverband's wastewater treatment plant, ensuring compliance with the limit values specified in the waste disposal contract)

Exhaust air

Two individual targets were set for the exhaust air sector, both will be continued in the FY 2026/27.

- » **Reduction of workplace exposure at the grinding station** in the locksmith area of the coupling shop through the installation of a new extraction system for grinding operations – to be continued in FY 2026/27
- » **Improvement of the indoor climate in the tool-swivel-head workshop** in the coupling shop by replacing the existing gas heaters with electric heaters and installing an air conditioning unit – to be continued in FY 2026/27

Energy

In the area of energy, six individual targets were set, four of which were implemented on schedule. One goal will be continued in the IMS program for FY 2026/27. One goal was not implemented.

- » **Awarding of a submitted project on energy efficiency** as part of klima:aktiv – not implemented – in 2025, milestones were defined in the monitoring tool as part of the project partnership with klima:aktiv – the next submission of an energy efficiency project will take place in 2026
- » **10% reduction in energy consumption and maintenance costs for compressed air generation** through the investment in new compressors (screw and turbo compressors) – implemented – a turbo compressor and a screw compressor were installed for compressed air generation in the summer of 2025 – Compressed air production in April 2025 amounts to 2,919 m³ with 339 MWh of electricity consumption (equivalent to 0.116 MWh/m³) – Compressed air production in November 2025 amounts to 3,047 m³ with 397 MWh of electricity demand (equivalent to 0.130 MWh/m³) – corresponds to a 10.8% reduction in energy demand for compressed air generation
- » **Modernization of the water management systems** in the threading department and the heat treatment line 2 through demand-based service water supply via process optimization and modernization of the units, thereby achieving energy savings – planned commissioning in the heat treatment line 2 in August 2026 and in the threading department in August 2027 – continuation in FYs 2026/27/28
- » **1% gas savings for hall heating in the threading line 1 and in the finishing department** by integrating the gas radiant heaters into the existing control system through the installation of controllers – implemented (energy savings, taking heating degree days into account, of 1.5% in the threading line and 1.2% in the finishing department)
- » **Energy savings in hardening furnace 1 by reducing energy losses** by 1% through renovation of the furnace floor by relining the refractory material and installing a new recuperator – implemented (energy savings of approx. 2%)
- » **Optimization of the hall temperature in the threading department by installing an automatic control system** that maintains the hall temperature at a constant level throughout the day – implemented (temperature control system installed)

Transport

In the area of transport, 1 individual target was set and implemented on schedule.

- » **Development of a sustainable supply chain solution** through the creation of a new intermodal concept involving rail pickup and onward transport by truck for delivery to European recipients – implemented (the new intermodal concept combining rail and truck transport was tested, but deemed ineffective and therefore not implemented – time-consuming loading, load securing, delays, higher costs)

Safety

In the area of occupational safety, 5 goals were defined, 4 of which were achieved on schedule. For one goal, the target value could not be met.

- » **10% reduction in workplace accidents** – LTIFR value max. 7.3 through continuation of the initiative “Consciously Safe,” conducting safety meetings, improving initial training for new employees, and monthly focus topics during safety inspections – target not achieved (the LTIFR rate stands at 10.3 for FY 2025)
- » **Increasing safety and ease of handling pipe samples in the incoming inspection** of the oil/gas pipe finishing line by installing a manipulator at the cutting machine in the Rotomat 1 area – implemented (robot for handling pipe samples was installed)
- » **Ensuring the use of hearing protection at noisy workstations** in the threading lines through awareness-raising measures in the form of training sessions, mini-workshops, and regular meetings on the topic “Wearing Hearing Protection”—implemented (training of employees on the topic of “Consistent Wearing of Hearing Protection at Noisy Workstations”)
- » **Reducing physical strain on employees by selecting suitable exoskeletons** for specific workstations in the threading lines – implemented (exoskeletons available for certain tasks in the threading lines and coupling shop)
- » **Assistance with conducting safety inspections** by creating a checklist – implemented (checklist for safety briefings created as a form)

Health

In the area of health promotion, 3 targets were set and implemented on schedule.

- » **Achieving a high level of health** (health rate $\geq$ 94.5%) through the implementation of preventive health measures – implemented (health rate in FY 2025: 94.7%)
- » **Maintaining the presence of workplace health management (BGM) and increasing health awareness** by achieving a high number of BGM measures and offerings of >45 per year – implemented (46 offerings implemented)
- » **High participation in workplace health management courses and events by $>30\%$** of the average number of employees through target-group-oriented planning of measures – implemented (participation rate: 34.7%)



SUSTAINABILITY



In addition to the life-course approach, numerous measures and projects in the area of sustainability were initiated and implemented in 2025.

Divisional sustainability management

Sustainability is an integral component of the environmental and energy management at voestalpine Tubulars. In 2022, a sustainability management was established within the Division. All business units, including voestalpine Tubulars, have set up special organizational units for sustainability. Regular discussions make it possible to define and roll out sustainability measures across the Group. The Group has established climate targets and publishes a detailed CR report on an annual basis.

Core topics of the sustainability management include:

Sustainability strategy:

- » Organisational structure for sustainability
- » Market development (green steel)
- » Certifications and gradings (ESG, EPD, CDP, SBTi, ISO, EcoVadis)
- » Circular economy
- » Energy efficiency potential – reduction in greenhouse gas emissions

"Road to Zero" decarbonization program

- » Production processes (natural gas)
- » Heating (natural gas)
- » Vehicle fleet (fuels)

Sustainability communication guidelines

- » Basic knowledge of sustainability
- » Transformation steps
- » Energy supply
- » Green products

Projects

- » Examples: Waste heat utilization, PV system, hydropower plants, hydrogen

Sustainable procurement

- » Group-wide project
- » Consideration of social and ecological risks and effects of suppliers within the supply chain management
- » Establishment of a sustainable supply chain as an essential component of the sustainability strategy

Responsible Sources Tubulars® (RST™)

voestalpine Tubulars GmbH has received a Gold RST™ award for the year 2025. This award recognizes a company's ongoing commitment to quality, responsibility, and sustainability in the energy sector.



The certificate received represents:

- » Commitment to sustainable manufacturing methods
- » Reduced environmental impact
- » Responsible sourcing of raw materials
- » A focus on the well-being of employees and the community
- » Compliance with safety and labor standards
- » Demonstrated commitment to sustainable business growth

EcoVadis

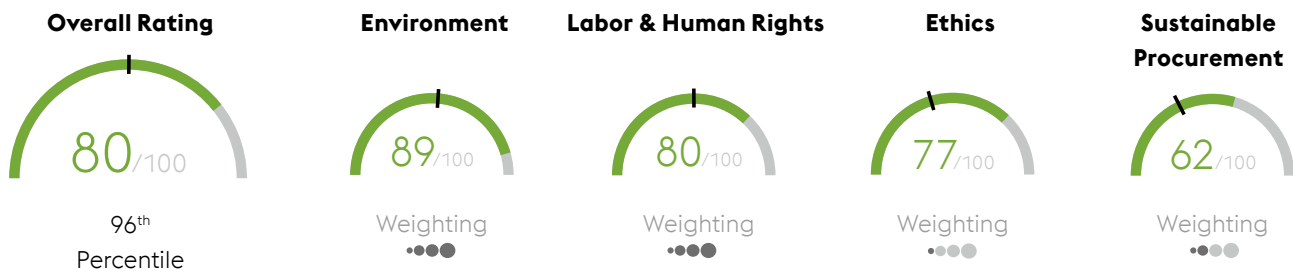
In 2025, voestalpine Tubulars underwent a sustainability assessment by EcoVadis and achieved Gold status with a score of 80 out of a maximum of 100 points.

This score places the company in the 96th percentile, meaning voestalpine Tubulars ranks among the top 5% of the 100,000 companies assessed by EcoVadis.

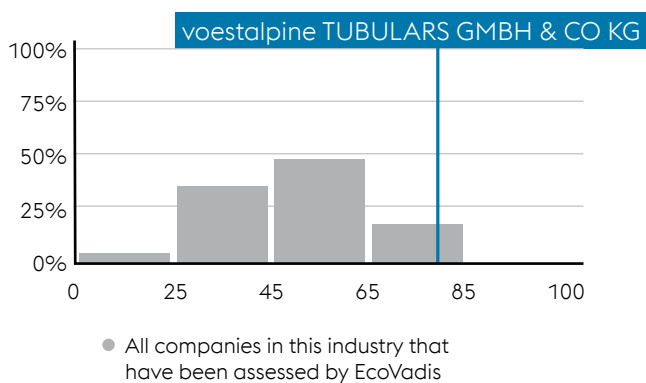
The following areas are assessed as part of an EcoVadis sustainability assessment:

- » Environment
- » Ethics
- » Labor and human rights
- » Sustainable procurement

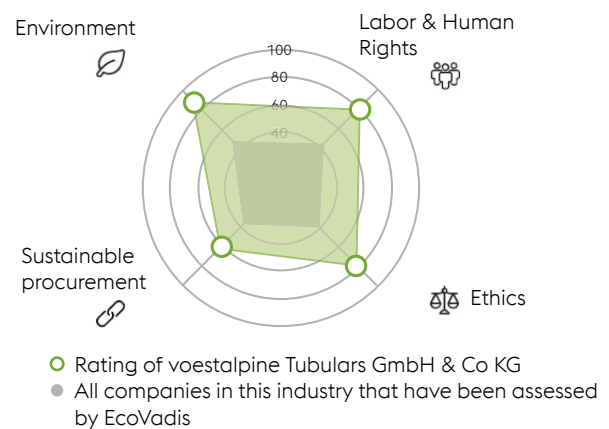
EcoVadis-Score-Card:



Distribution of overall ratings



Comparison of topic scores



In the environmental category in particular, an above-average score of 89 out of 100 points was achieved.

In the Labor and Human Rights category, 80 out of 100 points were achieved, and in the Ethics category, 77 out of 100 points were achieved, with the Labor and Human Rights category carrying a higher weighting in the overall assessment.

In the Sustainable Procurement category, 62 out of 100 points were achieved, making this the category with the lowest score.



Fig.: EcoVadis badge

Sustainability projects



Fig.: PV system on the roof of the seamless tube rolling mill

Photovoltaic systems

In February 2023, the first photovoltaic power plant with an output of 4,200 kWp installed on the roof of the seamless pipe rolling mill commenced operations. A total of 10,200 photovoltaic modules were installed parallel to the roof over an area of 15,400 m². The plant features a central SMA inverter with a peak output of 4,200 kW, which represents a novel innovation for large industrial facilities. The plant is integrated into the internal 20 kV medium-voltage grid via a 20 kV transformer located next to the inverter, thereby reducing the number of inverters required from no fewer than 40 down to one. This configuration helps to simplify maintenance work considerably, offers improved lightning protection and enhances safety in the factory grid by minimizing potential hazards in the event of transformer disconnection. voestalpine Tubulars views this installation as a flagship project for the industry.

In March 2024, a second photovoltaic power plant with an output of 3,100 kWp installed on the roofs of a number of production and storage facilities commenced operations. 7,600 photovoltaic modules were installed over 11,300 m² of roof area, spread over fifteen different roof structures. The plant also uses the central inverter configuration. A steel bridge was erected between coupling and protective cap production as a way to bundle the energy from different roof areas and facilitate access for maintenance.

The large photovoltaic systems on industrial roofs are a significant contributor to environmental protection thanks to their clean generation of renewable energy and reduced carbon emissions. The innovative technical implementation involving central inverters not only improves efficiency, but also maintenance and safety, thereby further enhancing the sustainability and operational reliability of the plants.



Fig.: PV system in the coupling shop area

Heat recovery



Fig.: Rotary Hearth Furnace exhaust stack with heat recovery

When producing seamless tubes, voestalpine Tubulars heats the solid blocks of steel known as blooms to 1,300°C in the rotary hearth furnace. Working with Bioenergie, as much as 4 MW of waste heat is extracted and used to supply heat to the Kindberg municipality, helping to save up to 3,400 tons of carbon emissions in the process.

voestalpine Tubulars has installed a special chimney to recover heat and to centrally collect the exhaust emissions from the rotary hearth furnace. Bioenergie installed a heat exchanger containing 1,536 water-carrying tubes. A dedicated pumping station supplies the recovered heat to Kindberg's new district heating network.

Bioenergie's 4 MW biomass heating plant serves as a backup and addition to waste heat utilization powered by waste from the wood and agricultural industries. The 9 km long district heating line runs underground through Kindberg, supplying its industrial and residential districts, as well as public buildings, such as the "Volkshaus", primary school, sports hall and housing estates since September 2023.

voestalpine Tubulars also uses a portion of the thermal energy produced by Bioenergie to heat its buildings, thereby securing a reliable, environmentally-friendly heat supply.

Hydropower



Fig.: Mürz hydropower power plant in Aumühl

voestalpine Tubulars utilizes renewable energy from two hydropower plants on the River Mürz, operated by Wien Energie.

Mürz hydropower plant in Kindberg-Aumühl:

- » Output: 2,005 kW
- » Drop height: 10.5 m
- » Flow rate: 21 m³/s
- » Equipment: Kaplan turbine (axial flow with bevel gears) which powers the synchronous generator.
- » Integration: Power is fed into the internal UW2 substation via a block transformer and medium-voltage cable. Control is handled by a Siemens S7 Simatic control unit, which is monitored online.
- » Grid stabilization: Is used by APG for tertiary and secondary control in order prevent blackouts.

Mürz hydropower plant in Mürzhofen:

- » Output: 1,361 kW
- » Drop height: 6.7 m
- » Flow rate: 22.2 m³/s
- » Equipment: Axial turbine with bevel gears and horizontal shaft.
- » Integration: Power is fed into the plant's UW3 substation.
- » Grid stabilization: Also used by APG for grid stabilization.

The two power plants are expected to generate 14,753 GWh of electricity each year in total and thereby contribute significantly to the renewable energy supply and grid stability.

Wind farm



Fig.: Aerial view of the Stanglalm wind farm

The electricity purchasing pool for the voestalpine sites in Styria has concluded a multi-year PPA agreement with Windheimat for the exclusive supply of the voestalpine sites. With forecast annual energy generation of 90 GWh for the Stanglalm wind farm and 45 GWh for the farm in Hochpürschtling, the two wind farms will also supply voestalpine Tubulars with around 8% of the annual quantities generated.

This results in a forecast wind energy supply of 10.8 GWh each year for voestalpine Tubulars.

E-charging stations

Since 2024, voestalpine Tubulars employees and external parties have been able to access 14 charging stations in the car parks at the front of the site and 14 inside the plant itself.

The maximum charging capacity of each station is 22 kW, which means that electric cars can be fully charged within an average of two to three hours. The E-charging stations are supplied the company's own PV system.

Energy efficiency projects according to the action plan

voestalpine Tubulars has been certified in accordance with the international standard ISO 50001 since 2012. As part of the certification, an annual action plan to define the energy efficiency projects needs to be created and then published in the annual management review.

The projects with the greatest energy savings (> 1,000 MWh/a) are as follows:

- » 2025: Hardening furnace 1 – 1,000 MWh/a (new recuperator, hot air duct)
- » 2023: Adaptation of the rotary hearth furnace – 3,930 MWh per year (furnace space expanded, new burner)
- » 2023: Heat recovery – 6,673 MWh per year (supplied to the district heating network)
- » 2023: Hardening furnace 1 – 1,208 MWh per year (exhaust system improved)
- » 2018: Tempering furnace 1 – 1,705 MWh per year (air vents replaced)
- » 2017: Tempering furnace 1 – 3,135 MWh per year (furnace control)
- » 2016: Hardening furnace 1 – 1,978 MWh per year (installation of low NOx torch)
- » 2014: Hardening furnace 1 – 5,495 MWh per year (implementation of tracking system, recovery heat exchanger)

Energy efficiency projects in calendar year 2025:

- » LED shop floor lighting – 150 MWh/a (LEDs and daylight control)
- » Hall heating – 300 MWh/year (control of radiant heaters)
- » Compressed air – 450 MWh/year (installation of new compressed air compressors)
- » Energy-efficient renovation of hall roof – 200 MWh/year (threading department)
- » Hardening furnace 1 + tempering furnace 1 – 20 MWh/year (regenerative units during transport)

Sustainable products

Dope-free threaded connections (DryTec®)

voestalpine Tubulars developed the DryTec® product, starting with the project concept in 2008 and the subsequent launch of series production in 2016. DryTec® is a dope-free alternative for premium connections that boosts efficiency and safety during pipe installation while protecting the environment. The benefits of DryTec® include:

- » Ready-to-install threaded connections that make handling easier and conserve resources.
- » Avoidance of blockages and failure due to excess thread compound.
- » Additional corrosion protection during transport and storage.
- » No need to use water to remove transport/storage compound.
- » Reduced environmental pollution and enhanced safety for on-site personnel.



Pipes and systems for hydrogen management

voestalpine Tubulars is currently working on a total of twenty R&D projects aimed at developing solutions for hydrogen management. The focal points are:

Material development: High-strength steels (up to 500 MPa) and ultra-high-strength steels (up to 1,000 MPa) for high-pressure hydrogen up to 1,000 bar.

Threaded connections: Hydrogen-tight connections, such as VAhyper®, for underground and high-pressure storage tanks.

Stationary storage systems: Tubes sealed with screwed end caps for flexible storage solutions with variable pressure levels, TÜV-approved.

Mobile storage systems: Development of a multimodal container (rail and road) to supply hydrogen to regions that are particularly remote or lack adequate infrastructure—this system is currently undergoing the approval process.



Product solutions for geothermal energy

voestalpine Tubulars offers standard tubes (OCTG) in accordance with API specification 5CT for geothermal applications. These tubes feature Proprietary Connections, such as VAsuperior®, which ensure gas-tightness and the integrity of the wells. These tubes also feature thermal insulation and offer a longer service life as well as higher flow rates.



ToughTubes® – thermomechanically rolled seamless steel tubes

Since 2008, voestalpine Tubulars has marketed ToughTubes® seamless steel tubes with maximum strength and resilience. With a production volume of approx. 25,000 tons per year, this technology saves around 3,750 tons of carbon emissions annually by avoiding additional energy-intensive heat treatment.

Proprietary Grades – EP and XP

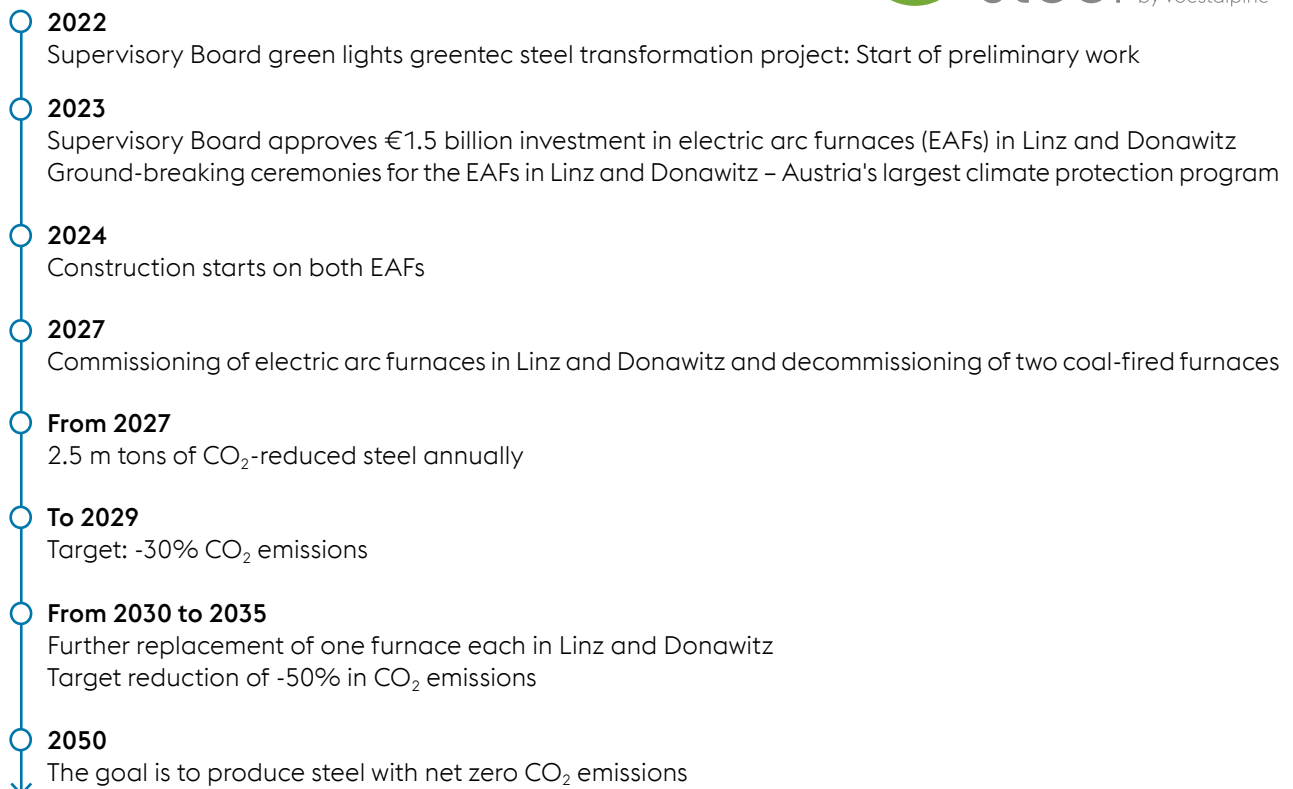
Depending on the dimensions, weight savings of between 15% and 20% are possible, as wall thicknesses can be reduced while maintaining the same performance level or better.

Seamless tubes made from greentec steel

voestalpine is committed to reducing carbon emissions by 2030 by hybridizing the production route with introduction of a smart electric arc furnace (EAF). The greentec steel project aims to produce steel pipes with lower CO₂ emissions. Alternative alloy models are also being developed in parallel to guarantee product quality.



Timetable with milestones for greentec steel:



Sustainable processes

voestalpine Tubulars' decarbonization concept

As part of the NEFI greensteel project (NEFI = New Energy for Industry), a decarbonization concept is being developed together with project partner AIT for the voestalpine Tubulars production site. More specifically, all processes involving the use of fossil fuels are being reviewed and a switch to potential alternative energy sources is being looked into on the basis of certain scenarios.

These reviews are focusing on natural gas-fired heating furnaces, whereby half of the emissions are produced by one main heating unit; the rotary hearth furnace.

As part of this project, a comprehensive concept for climate-neutral steel production is being developed in six project phases:

- » Identifying carbon-neutral energy sources to replace natural gas in steel processing
- » Developing efficient industrial furnaces that can be heated with 100% carbon-neutrality
- » Ensuring high product quality when switching to carbon-neutral energy sources
- » Demonstrating the developed concepts and technologies at real production sites for various voestalpine product lines
- » Preparing to scale and transfer the concepts and technologies to other production sites within the voestalpine Group and in other sectors
- » Obtaining social acceptance and trust in the developed solutions

Demand scenarios are calculated for the possible alternative energy sources, namely electricity, hydrogen, biogas and wood gas, and the carbon footprint is established on this basis. The decarbonization concept for the production site is then developed on the basis of these scenarios. As a matter of course, other processes such as building heating or on-site transport will also be reviewed with regard to decarbonization.

Hydrogen as an alternative energy source for heating and transportation processes

Hydrogen is being closely considered as an alternative energy source. These considerations are also taking place in line with the national hydrogen strategy for Austria, which is being developed under the leadership of the Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology (BMK). Internal plant considerations range from demand, on-site distribution, potential on-site generation, e.g. surplus energy from photovoltaic and hydropower plants, to the purposeful use of hydrogen in processes, primarily heating and transport processes.

Using hydrogen in testing technology for our product developments closes the on-site loop.

In addition to reviewing the hydrogen compatibility of all burners, installation parts and pipelines in the heating furnaces, the impact of the hydrogen found in the flue gas on product quality is also being scientifically investigated as part of a cooperation project with university partners. According to current findings, the main impact would be on scaling on the steel surface and the decarburization depth in the edge area of the tube near to the surface.

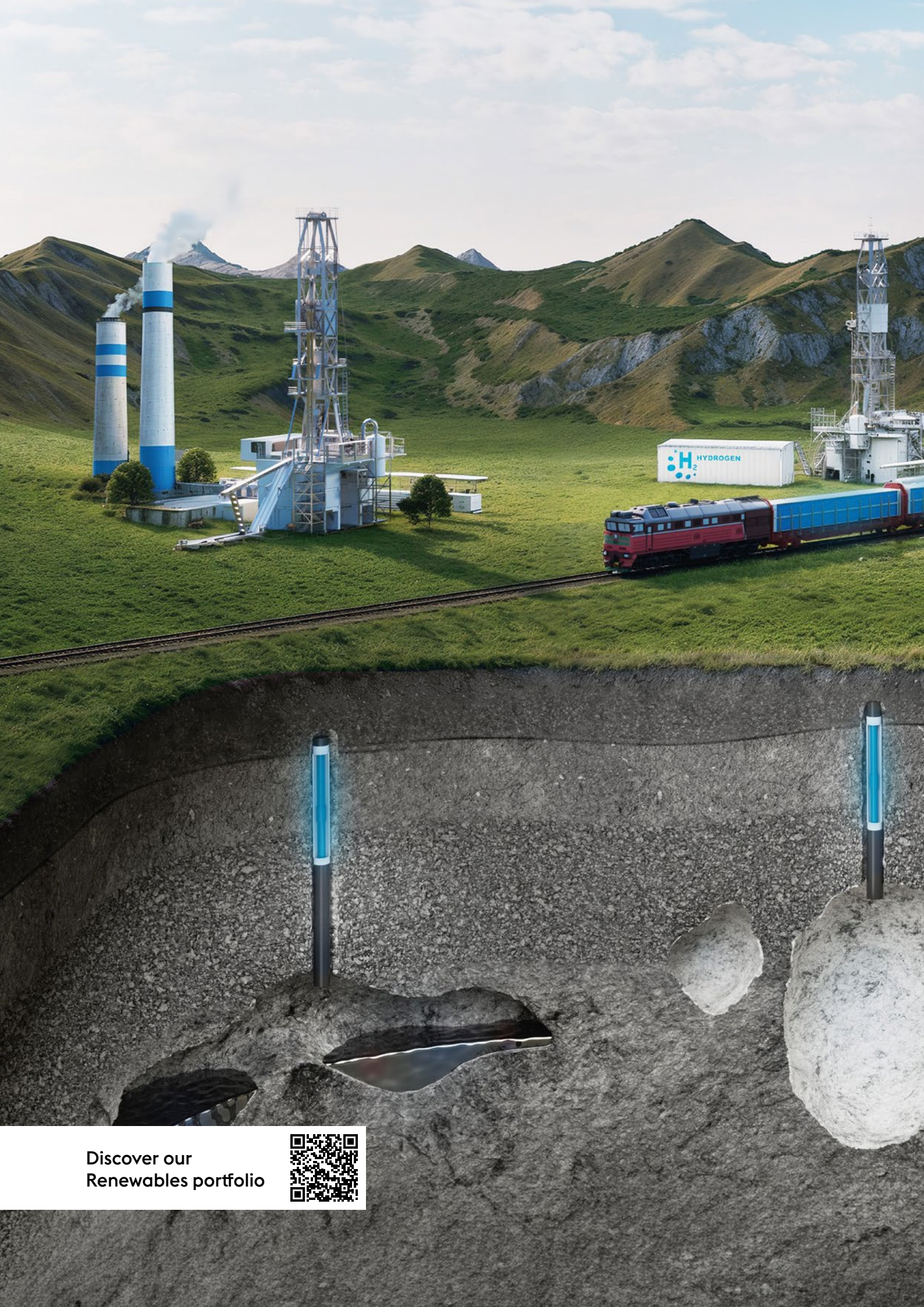
ENVIRONMENTAL PROGRAM 2026/27

For the FY 2025/26 (01/04/2025 to 31/03/2026), a quality, environmental, energy, health & safety, asset management and information security program has been drawn up and approved by the executive management.

No.	Topic	Objective	Program	Managed by	Deadline
MANAGEMENT SYSTEMS					
1	SMETA Certification	Certification according to the Sedex Standard – Compliance with ethical, social, and labor standards throughout the supply chain	Conducting a SMETA audit by TÜV Süd	TM2	July 2026
2	Legal database	Further development of the legal database with a focus on improving user-friendliness and expanding evaluation options	Database modifications in collaboration with the supplier	TM	February 2027
SUSTAINABILITY					
3	H2Tainer Product Launch	Product introduction and presentation of the mobile container solution for an efficient hydrogen supply	Organization of an event for a specific customer group	KP	September 2026
4	Fleet decarbonization	Reduction of greenhouse gas emissions caused by internal transport	Purchase of a fully electric truck with a tipper and crane body	TA6	February 2027
OPERATING MATERIALS					
5	Gas storage Threading department	Safe storage of gas cylinders in the workplace	Definition of storage areas, optimization of equipment, and periodic inspections	TN31	February 2027
6	Gas control center Test center	Modernization of the gas control center for ensuring the tightness and functionality	Renewal of the five test gas distribution stations	TQ	June 2026
WASTE					
7	Waste containers inventory list	Verification of the provided waste containers	Updating the inventory list, repair and replacement of broken containers, replacement of labels	TM2	February 2027
8	Wood waste storage	Optimization of storage of wood waste in terms of fire hazard	Inspection and adjustment in existing wood waste collection points	TM2	February 2027
9	In-house waste disposal	Development and implementation of a plan for waste collection stations	Reorganization of internal waste disposal	TN22	February 2027

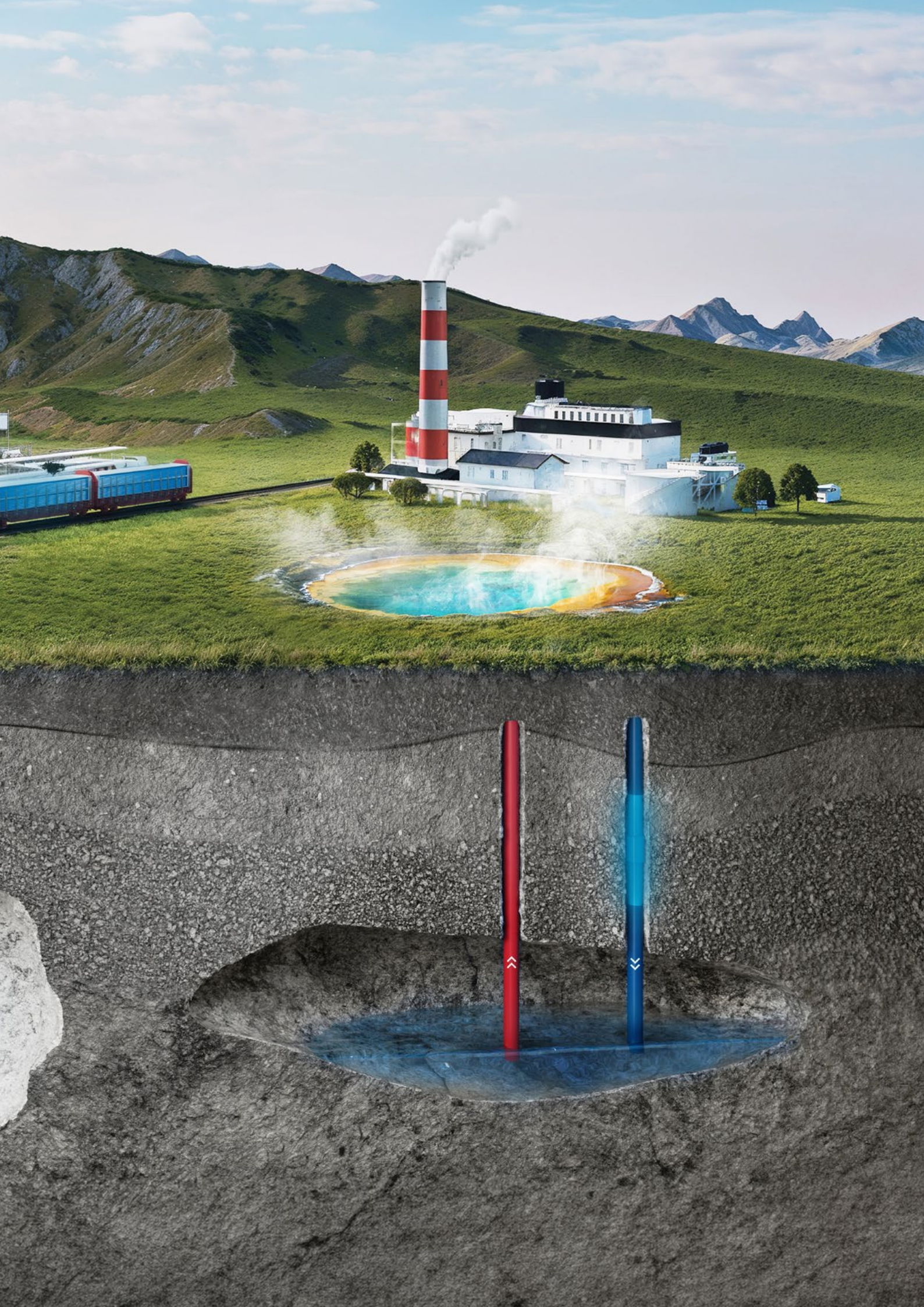
10	Paperless administration	Reduction of paper waste in the threading department	Digital work documents at workstations	TN31	February 2027
WATER / WASTEWATER					
11	Oil detection water management	Early detection of oil leaks at production facilities	Installation of instrumentation and automatic alarm system for anomalies	TA2	February 2027
12	Flocculant	Improvement of wastewater quality	Use of a new flocculant and reduction in chemical usage	TQ	February 2027
AIR / EXHAUST AIR					
13	Extraction Grinding station	Reduction of workstation load during grinding station in the locksmith area of the coupling shop	Installation of a new extraction system for grinding work	TN32	February 2027
14	Indoor air Tool-swivel-head workshop	Improvement of indoor climate in the workshop in the coupling shop	Substitution of the best in the existing gas radiant heater with electric radiators and assembly of an air conditioner	TN32	February 2027
ENERGY					
15	Battery storage	Optimization of the electricity support	Installation of an 8 MW Battery storage with 2-hour charging capacity	TA	February 2027
16	Electricity savings for pumps	Pump power savings in heat treatment line 2 and the seamless pipe rolling mill-ranges by 400 MWh per year	Installation of new pumps with frequency converters	TA	February 2027
17	Automatic pressure reduction	Energy savings of 300 MWh per year	Automatic Pressure reduction when no production with CE Sense model and PLC control system is running	TA	February 2027
18	Water management threading department and heat treatment line 2 modernization	Energy savings in field of water management in the threading department (>951 MWh/a) and in heat treatment line 2 (>529 MWh/a)	Demand-based domestic hot water supply through process optimization and modernization of the facilities	TA2	February 2027
19	Mandrel bar furnace energy savings	Energy savings from mandrel bar furnace to 250 MWh per year	Installation of a new Control	TA4	February 2027
20	Annealing furnace 1 residual oxygen	Reduction in Residual oxygen content in the annealing furnace 1 by 2 %	Change in operating parameters	TA4	February 2027

TRANSPORT					
21	Supply Chain Central Asia	New routes for destinations in Central Asia due to various sanctions	Review of routes and multimodal options	KL	September 2026
SECURITY					
22	Increase workplace safety	Reduction of workplace accidents to a maximum LTIFR of 9.4 – corresponding to a 10% reduction compared to 2025	Continuation of the "Conscious Safety" program, conducting safety meetings with varying focal points, initial limbic training, further development of company- and workplace-specific	TM3	February 2027
23	Skin protection concept	Improvement of the skin protection concept with a focus on skin protection and skin cleansing	Evaluation of the necessary skin protection products in selected operational areas	TM3	June 2026
24	Limbic training container	Improving knowledge transfer during initial training	Limbic representation of hazards and safety measures when entering containers	TM3	September 2026
HEALTH					
25	Increase health	Achieving a high health level with a health rate of $\geq 94.8\%$	Implementation of preventive health measures	TM4	February 2027
26	Sick days	Number of days lost due to illness and accidents under 15 days per employee	Maintaining BGM engagement, increasing health awareness	TM4	December 2026



Discover our
Renewables portfolio





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ONE STEP AHEAD.