



speira

Redefine the limits of aluminium

Sustainability actions & achievements based
on Speira's sustainability report 2025

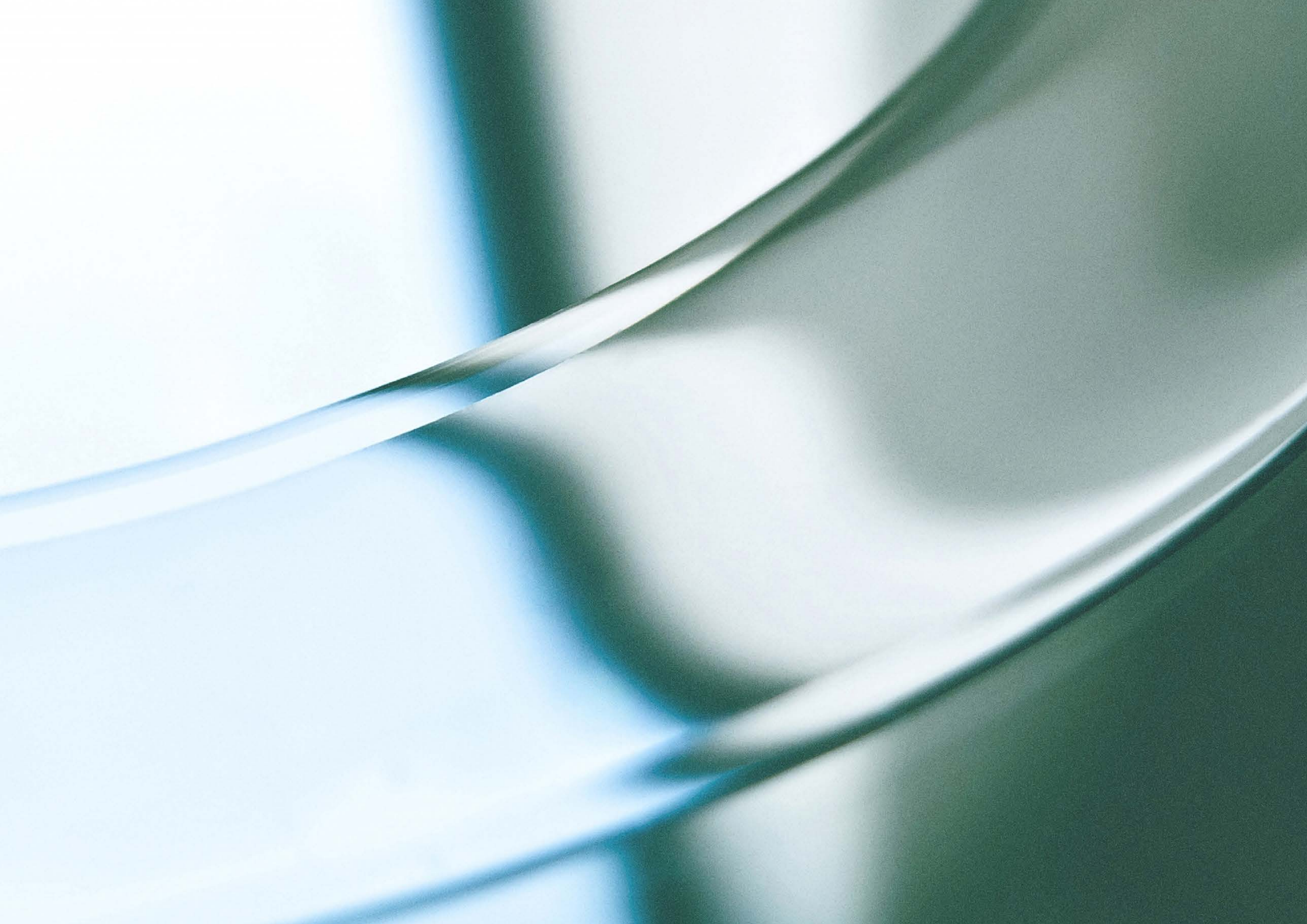


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Redefining the limits of aluminium and sustainability

Sustainability has become a defining factor for competitiveness, resilience and long-term success. As regulatory demands increase and supply chains evolve, it plays a decisive role in how partners and solutions are evaluated.

At Speira, sustainability is at the core of what we do. We produce aluminium with nothing to hide: advancing circular aluminium through targeted recycling investments and committing to science-based climate targets. This enables our customers to make confident, future-ready decisions.





Our focus areas

Focus areas, one clear direction

Turning sustainability ambition into action, these pillars guide our decisions, our operations and our responsibility across the value chain.

01

Transparency on products and operations

Setting a new standard of openness by providing full transparency and traceability.

02

Aluminium with a lower CO₂ footprint

Leading the aluminium industry towards a high-quality low-carbon future.



03

Building a circular world that works

Making the most of aluminium's ability to be reused again and again without losing quality.



04

Responsible actions to protect nature

Safeguarding nature and ecosystems by preventing pollution, minimizing water use and reducing harmful emissions.



05

Support and safeguard our people

Preventing injuries and caring for every employee and value chain worker.

Trust through transparency

We operate with integrity at every level

Clear data and responsible practices are essential for informed decisions. By making performance visible and verifiable, we enable confidence across the value chain.

The Speira way:

- Sustainability labels **ORBIS & RIVOS** for high recycled content and low CO₂ emissions
- A strong compliance culture built on trust and accountability
- A fully established Compliance Management System
- No financial contributions to political parties
- No reported cases of corruption or bribery in 2025
- Ready to launch in 2026: **speira.ID** providing coil-specific, transparent data

01

Anchored in standards, proven by science

We actively engage in leading industry initiatives and align our actions with internationally recognized standards. Independent validation and science-based targets ensure that our progress is measurable, credible and aligned with global ambitions.

The following developments reflect our ongoing progress:

SBTi approval of our 1.5°C-aligned targets, confirming the ambition and credibility of our climate pathway.

Successful recertification under the Aluminium Stewardship Initiative (ASI), reinforcing our commitment to responsible production and sourcing.

Independent verification by third parties of Product Carbon Footprint tools and mass balance allocation for rolled products, supporting low-emission product solutions.



Lowering the carbon footprint

Our road to net zero

Guided by our commitment to a more sustainable future, we are pursuing a clear decarbonization pathway aligned with the Science Based Targets initiative. By accounting for our emissions in accordance with the GHG Protocol, we have already reduced CO₂ emissions by 30% over the past six years – driven by careful supplier selection and the expansion of our recycling capacity.

Key facts:

- Our Near-term and Long-term Net Zero targets were set and have been approved by SBTi
- Speira has upgraded its recycling facilities in Grevenbroich and Töging by installing more efficient new tiltable rotary furnaces to process low grades scrap and dross
- Two important steps in our transformation journey from a pure rolling company to a leading rolling and recycling player in the industry have started with construction of our investment projects GAIA in Neuss and G3 in Holmestrand

02

Short-Term Targets

Specific GHG emissions

- -11% Scope 1 & 2
- -14% Scope 3

Near-Term Targets*



Absolute GHG emissions

- -52% Scope 1 & 2
- -25% Scope 3

Targets on track

- -71% Scope 1 & 2
- -35% Scope 3

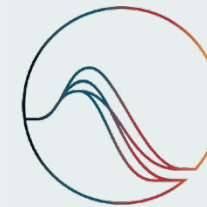
Specific GHG emissions

- -20% Rolling operations
- -32% Metal supply

Long-Term Targets

Absolute GHG emissions

- -90% Scope 1 & 2
- -90% Scope 3



SCIENCE
BASED
TARGETS

Baseline

2021

Sustainability Report

2025

Near-Term

2030

Scope 2 Net Zero

2035

Scope 1 Net Zero

2040

Net Zero

2045

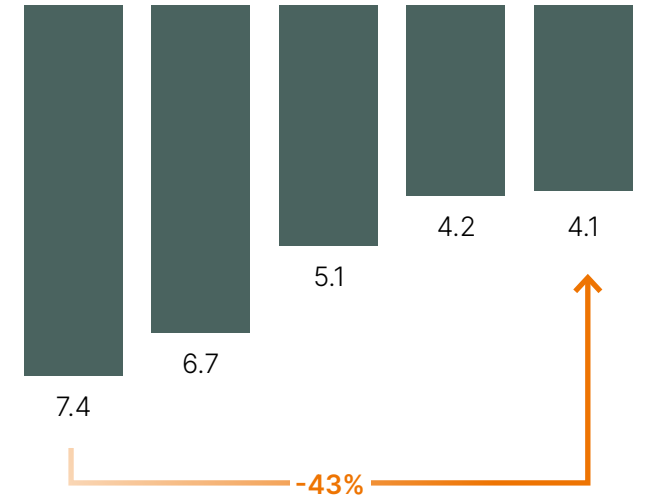
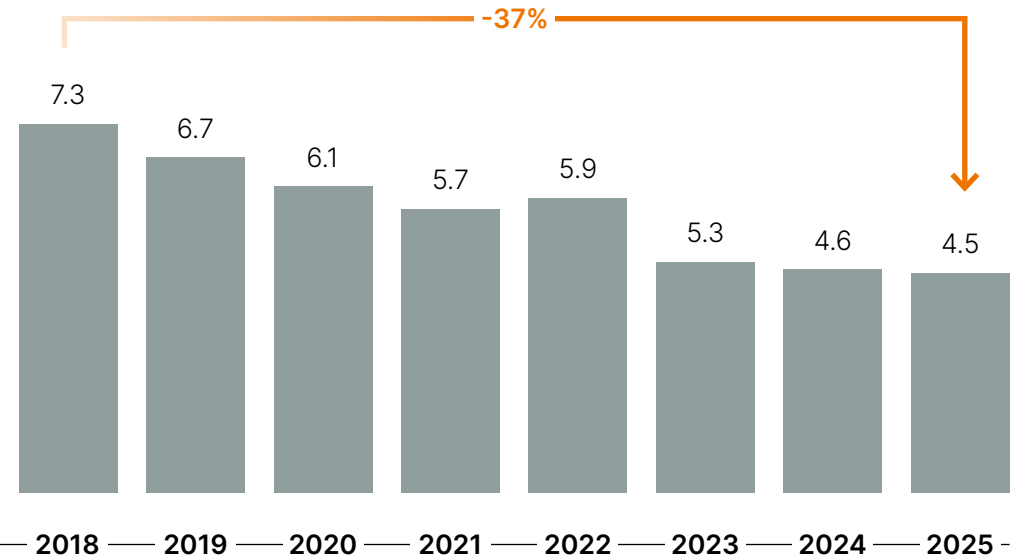
Near-term and decarbonization targets are aligned with ASI GHG emission pathway. Targets are validated by SBTi.

* Absolute Scope 1 & 2 emissions reductions include closure of smelting capacities. Specific figures based on metal mix and rolling operations. Metal from smelters is substituted by external sourcing and growth in recycling.

Making progress

Step by step towards lower emissions

Since 2018, we have significantly reduced the carbon intensity of our products, lowering emissions per tonne from 7.3 to 4.5 tCO₂/tAl. This development reflects continuous efforts to improve efficiency, optimize sourcing and further evolve our production processes. At the same time, overall greenhouse gas emissions and energy consumption have been reduced across our operations.



Carbon Footprint Reduction per ton Aluminium Flat Rolled Product tCO₂/tAl

Total GHG emissions (location based) MtCO₂

Circularity in action

More than a principle: how we operate

Circular economy is not a future ambition – it already defines how we work. By using large amounts of aluminium scrap and continuously expanding our recycling infrastructure, we reduce resource consumption and enable more sustainable material cycles.

Key facts:

- A significant share of our input material is based on aluminium scrap
- Recycling aluminium requires only around 5% of the energy needed for primary production
- Our recycling facilities provide a total capacity of 650,000 tonnes per year
- At our Rheinwerk site, packaging recycling capacity reaches 100,000 tonnes per year – equivalent to the aluminium content of all beverage cans consumed annually in Germany

03

Redefining environmental responsibility

Looking beyond carbon

We actively manage our environmental priorities across all operations, ensuring consistent standards, clear accountability and ongoing oversight.

Our measures for 2025 included, amongst others:

- Drawing up a roadmap for the development of a water strategy
- A strong compliance culture built on trust and accountability
- An ongoing project in Holmestrand to reduce cooling water consumption
- Review of water volumes by Rheinwerk for the coming years
- A new plant for the production of fully desalinated water
- Participation in various recycling initiatives
- Active involvement in research and development in the field of Recycled Foundry Aluminium (RFA)



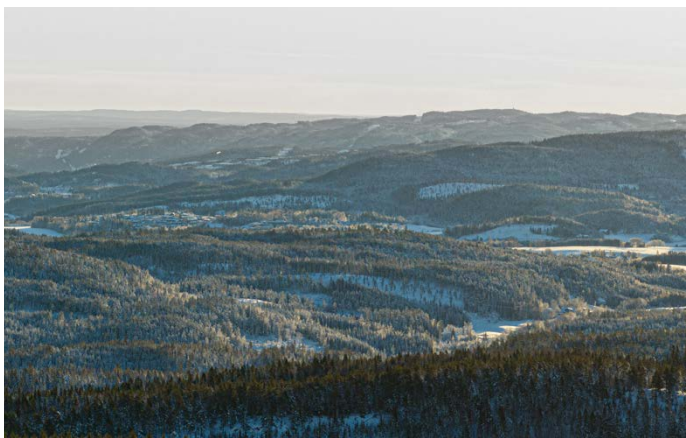
Pollution

- Most of our sites are certified according to ISO 14001 and aligned with ASI requirements
- Every site has appointed environmental managers



Water

- None of our sites are located in areas of high water stress
- Water-related risks are continuously assessed and monitored
- All water emissions are authorized, controlled and treated



Biodiversity

- No operations in protected areas
- Application of the Biodiversity Mitigation Hierarchy
- Biodiversity impacts are systematically assessed and managed

Empowering environment

Support and safeguard our people

Sustainable performance is built on a strong social foundation. We create a safe, inclusive and supportive environment where people can grow, contribute and take responsibility.

TRUST

DRIVE

SHARE





05

Caring for everybody

Because our team is the most valuable resource

Key initiatives:

- Regular crisis management exercises and annual HSE summits
- Health and safety management system covering all employees
- Annual employee engagement surveys and regular feedback formats
- “Learn & Grow Campus” offering training and development opportunities for all employees
- Defined targets for gender balance in the Supervisory Board and EMT
- Internal networks such as Speira femALes to foster inclusion and exchange
- Whistleblowing system and annually updated transparency statements
- Active engagement with suppliers on human rights topics


What this means for you

Sustainable aluminium solutions you can rely on

With transparent and compliant operations, ongoing CO₂ reduction and circular solutions applied at scale, we provide a strong ESG foundation that supports your requirements and helps you make confident decisions.



Find further sustainability information and our full reports.

An aerial photograph of a deep blue lake on the left and a forested, rocky shoreline on the right. A thick, metallic, silver-colored ribbon-like graphic curves from the top right towards the bottom center, partially overlapping the forest and the lake. The text is positioned on the left side of the image.

Let's redefine the limits of aluminium together

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