Information for our business partners and stakeholders

Aluminium Stewardship Initiative (ASI) certification

5.3 a-e GHG Emissions Reduction Plans

1. Introduction

Becker Aluminium-Service GmbH is committed to the continuous reduction of its greenhouse gas (GHG) emissions in accordance with the requirements of the Aluminium Stewardship Initiative (ASI). The objective of this plan is to define a clear reduction pathway for our GHG emissions and systematically implement measures to mitigate emissions.

2. Objective

Our GHG emissions reduction pathway aligns with a scientifically based climate scenario that aims to limit global warming to 1.5°C. To achieve this, we follow a long-term strategy with measurable interim targets.

3. Scope

This plan covers all direct and indirect GHG emissions of Becker Aluminium-Service GmbH across the entire value chain.

4. Interim Targets (max. 5 years)

To ensure effective emissions management, the following reduction targets have been defined:

- 2027: 100% renewable energy (already under implementation)
- 2030: 62,5% total GHG emissions reduction (Scope 1, 2, and 3) compared to 2019.

5. Measures for Emission Reduction

To achieve these targets, the following measures will be / have been implemented and are supported by our ISO 50001 Energy Management certification:

- Energy efficiency measures: Optimization of production processes and integration of energy- saving technologies is continuous work-in-progress.
- Use of renewable energy: Transition to green electricity and solar energy at production sites has been completed.
- Reduction of material losses: Improving material efficiency to minimize waste is continuous work-in-progress.

Sustainable logistics: Promoting climate-friendly transportation and optimizing supply chains is continuous work-in-progress. Climate-friendly transportation can already be offered for an approx.100 km radius.

Emission Reduction Plan – Baseline Definition and Scope

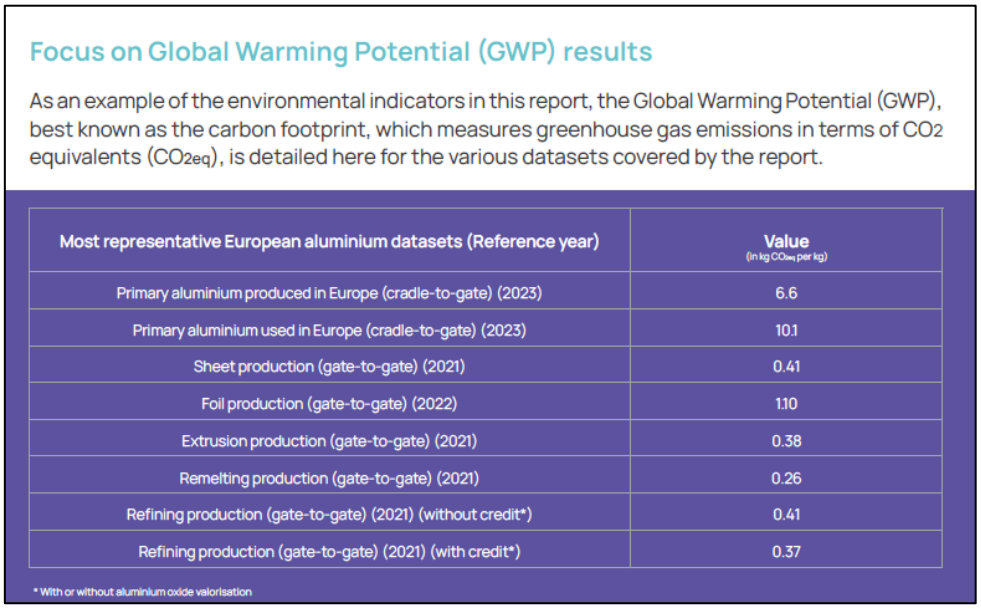
As part of our commitment under the Aluminium Stewardship Initiative (ASI) Performance Standard Version 3.3, Criterion 5.3, Becker Aluminium Service has developed an Emission Reduction Plan with a defined baseline, emission factors, and a pathway for continuous improvement. This plan aligns with ASI's requirements for transparency, traceability, and credible emissions accounting, and supports our contribution to the decarbonization of the aluminium value chain.

Baseline Year Selection

We have selected 2019 as the baseline year for our CO_2 emissions accounting. This year represents a stable, pre-pandemic reference point, unaffected by the exceptional market and energy disruptions of 2020–2023. It also aligns with industry-standard life cycle inventory (LCI) datasets and allows comparability with current and future assessments.

Baseline Emission Value

For our baseline emissions value, we apply the cradle-to-gate CO_2 equivalent (CO_2eq) factor of 6.6 kg CO_2eq per kg of aluminium, as published in the *Environmental Profile Report 2024 V2.0* by European Aluminium. This value is listed on page 6 of the report under the section titled *"Focus on Global Warming Potential (GWP) results."*



Focus on Global Warming Potential (GWP) results

As an example of the environmental indicators in this report, the Global Warming Potential (GWP), best known as the carbon footprint, which measures greenhouse gas emissions in terms of CO2 equivalents (CO_{2eq}), is detailed here for the various datasets covered by the report.

Most representative European aluminium datasets (Reference year)	Value (in kg CO_{2eq} per kg)
Primary aluminium produced in Europe (cradle-to-gate) (2023)	6.6
Primary aluminium used in Europe (cradle-to-gate) (2023)	10.1
Sheet production (gate-to-gate) (2021)	0.41
Foil production (gate-to-gate) (2022)	1.10
Extrusion production (gate-to-gate) (2021)	0.38
Remelting production (gate-to-gate) (2021)	0.26
Refining production (gate-to-gate) (2021) (without credit*)	0.41
Refining production (gate-to-gate) (2021) (with credit*)	0.37

* With or without aluminium oxide valorisation

Source: Environmental Profile Report 2024 V2.0 by European Aluminium

The 6.6 kg CO_2eq figure reflects the average carbon footprint of primary aluminium produced in Europe, accounting for electricity grid mix, process emissions, and raw material sourcing. As our procurement is exclusively from mills located within the European Union and Turkey, we consider this value both accurate and representative for our emissions baseline.

Sourcing Logic and Assumptions

The majority of the aluminium we procure is primary aluminium from EU and Turkish producers, who follow European standards for energy sourcing and environmental performance. These regions benefit from a significantly lower carbon intensity, primarily due to a higher share of renewable energy and more stringent environmental regulations.

We have chosen to use the European Aluminium industry-average data (6.6 kg CO_2eq/kg) because the majority of the mills we procure from are currently unable to provide specific LCAs (Life Cycle Assessments) or EPDs (Environmental Product Declarations) for the products delivered to us. In accordance with ASI guidance, where supplier-specific data is not available, using credible, independently reviewed industry-average datasets is an accepted and appropriate practice for establishing a baseline and tracking progress.

All assumptions regarding our sourcing, data selection, and boundary conditions are made in accordance with the ASI Performance Standard guidance for Criterion 5.3, which requires that emission reduction plans be based on credible data, clearly defined boundaries, and realistic baselines reflecting the actual structure of the supply chain.

Closed-Loop Recycling Process

In addition to responsible sourcing of primary aluminium, Becker Aluminium Service supports a closed-loop scrap process. Post-consumer aluminium scrap is collected from our customers and returned to the mills for remelting or refining into new material. This process directly contributes to our emission reduction strategy, as recycled aluminium has a much lower environmental footprint — as low as 0.26 kg CO_2eq/kg for remelted ingots, as also stated on page 6 of the Environmental Profile Report.

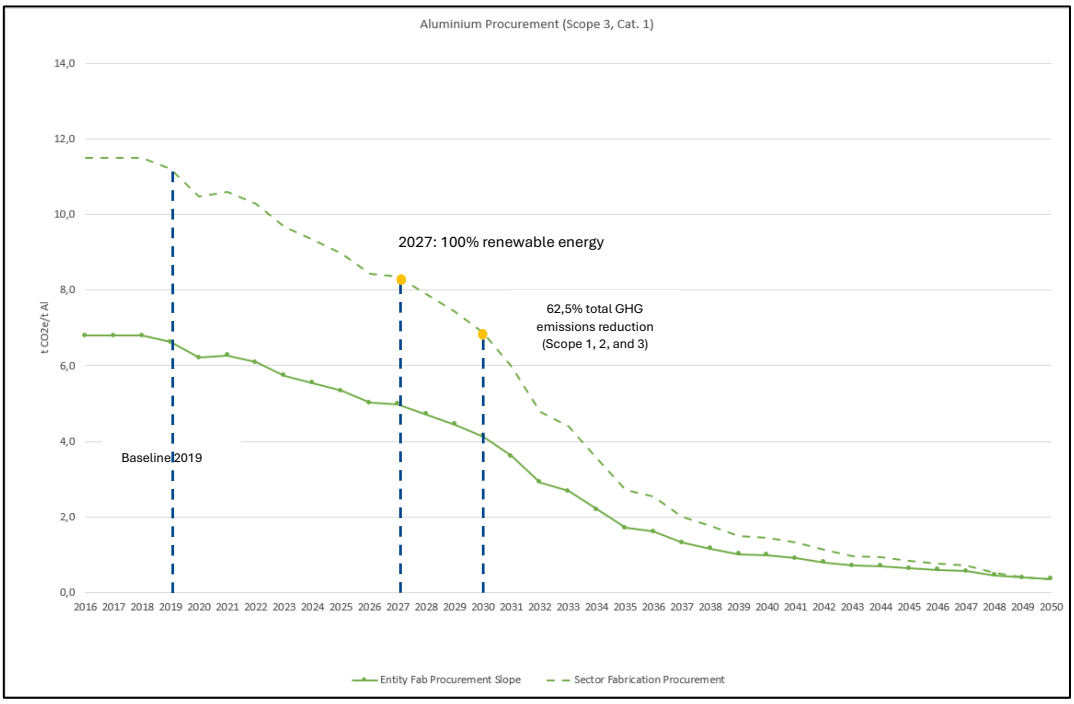
This integrated scrap loop not only reduces the demand for primary aluminium but also reinforces our commitment to circularity and resource efficiency.

Summary

By setting our baseline at 6.6 kg CO_2eq/kg (year 2019), Becker Aluminium Service ensures:

- Alignment with actual sourcing and supply chain structure
- Use of robust, peer-reviewed industry data in the absence of mill-specific LCA/EPD documentation
- Compliance with ASI requirements under Criterion 5.3
- A credible foundation for setting and tracking emissions reduction targets

This approach reflects our long-term commitment to sustainable aluminium sourcing and climate responsibility within the ASI framework.



Base year 2019, data base Environmental Profile Report 2024 V2.0, Page 6
Calculation tool: ASI-Entity-GHG-Pathways-Calculation Tool 2024

6. Review and Adjustment

- The GHG Emissions Reduction Plan will be reviewed annually and adjusted if necessary.
- Any company changes that impact GHG emissions will trigger an immediate evaluation of the plan.

7. Publication and Progress Reports

To ensure transparency, the following documents will be published annually:

- The latest version of the GHG Emissions Reduction Pathway.
- The latest version of the GHG Emissions Reduction Plan.
- The annual progress report on plan implementation.

8. Conclusion

Becker Aluminium-Service GmbH recognizes its responsibility to reduce greenhouse gas emissions and is committed to contributing to climate goals through sustainable actions.

Bönen, 25th August 2025

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