EGA
الإمارات العالمية للألمنيوم
EMIRATES GLOBAL ALUMINIUM

ASI Aligned Decarbonisation Statement

July 2025

Contents

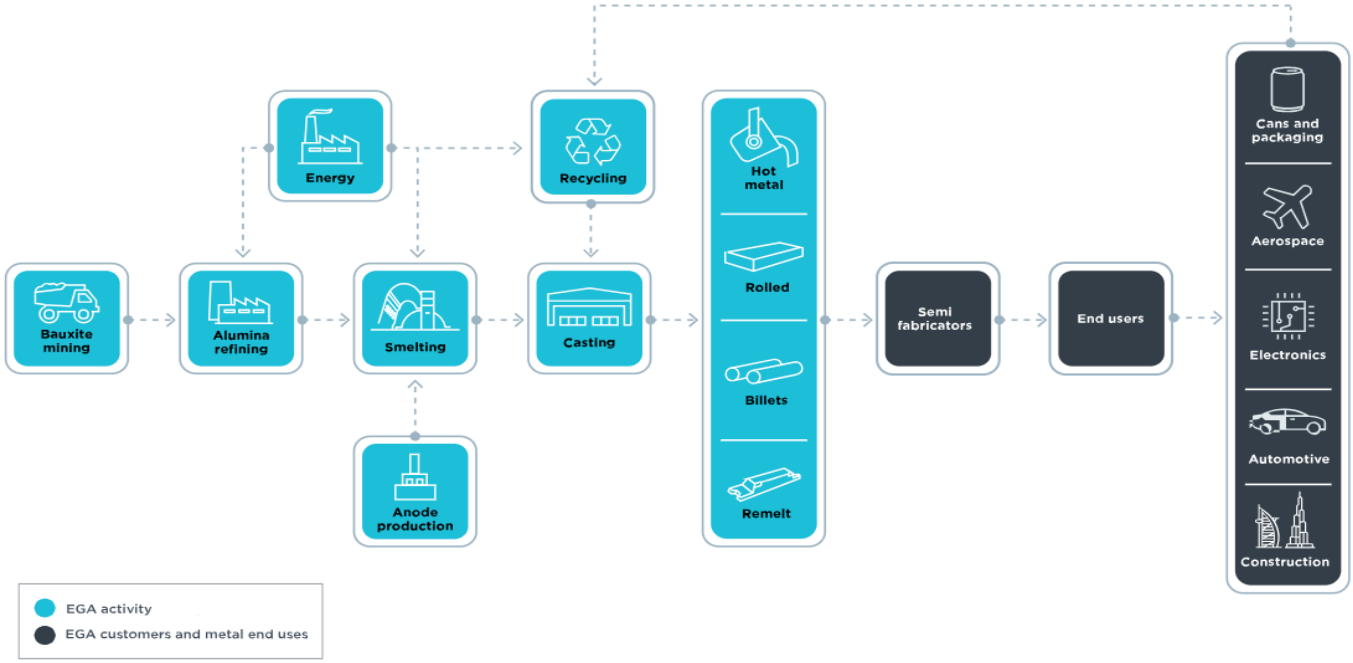
About EGA

Emirates Global Aluminium (EGA) was established in 2014 through the merger of Emirates Aluminium and Dubai Aluminium, with history dating back to the 1970s when Dubai Aluminium was founded. Headquartered in the United Arab Emirates (UAE), the Entity is jointly owned by Mubadala Investment Company of Abu Dhabi and Investment Corporation of Dubai. EGA's operations in the UAE operates two smelters, Al Taweelah in Abu Dhabi and Jebel Ali in Dubai, each equipped with its own anode production facilities, casthouses, and captive power plants. The Jebel Ali smelter began production in 1979, with eight separate expansions since then and the site currently includes seven potlines and 12 casting stations producing 1.1 million tonnes of product. The Al Taweelah smelter was the largest single-site Aluminium smelter in the world when built and the site currently includes three potlines and nine casting stations producing 1.6 million tonnes of product. The smelters are also connected to the local electrical grid, allowing access to solar energy. Additionally, the Entity operates an alumina refinery in Abu Dhabi, which was the first in the UAE and only the second in the Middle East and began production in 2019. The facility converts bauxite into alumina, with the refinery meeting almost half of the Entity's Alumina requirements, producing approximately 2.5 million tonnes and securing the competitive supply for the Entity.

EGA owns Guinea Alumina Corporation (GAC), a bauxite mine and export facilities in the Republic of Guinea, West Africa. Exports of bauxite ore began in 2019 and produced 14.1 million tonnes in 2023. GAC operates a 690-square kilometre mining concession which is one of the largest greenfield investments in Guinea over the last 40 years. Bauxite from GAC is predominantly supplied by EGA to third-party customers, with some shipped to EGA's Al Taweelah alumina refinery in Abu Dhabi.

More recently, EGA completed two major acquisitions to support its decarbonisation strategy through the investment in recycling assets. In 2024 - 100 per cent of Leichtmetall, a European producer of high-strength recycled aluminium that operates a plant in Hannover, Germany, and 80 per cent of Spectro Alloys, a leading secondary foundry alloy producer based in Rosemount, Minnesota in the United States. Leichtmetall has a capacity of 30,000 tonnes per annum of aluminium billets produced using renewable energy with 80% scrap metal input, while Spectro Alloys has a capacity of 110,000 tonnes per annum of aluminium ingots using advanced sorting and analysis technology to produce a wide variety of alloys with a high proportion of scrap input.

There are currently over 7,000 employees working across all of EGA's facilities.



ASI Membership

EGA is aligning our corporate sustainability approach with the Aluminium Stewardship Initiative (ASI), which provides an international consensus on best practices in aluminium production and use. The ASI Performance Standard addresses sustainability issues from bauxite mining to consumer products made with aluminium, focusing on environmental, social and governance performance.

EGA was the first organisation in the Middle East to join the Aluminium Stewardship Initiative (ASI) in 2017. By 2021, all of EGA's smelting and casting operations in the UAE - Al Taweelah and Jebel Ali - had achieved facility-level ASI Performance Standard certification. In 2023, EGA's subsidiary Guinea Alumina Corporation became the first ASI-certified facility in Guinea, and EGA's recycling plant, Leichtmetall, was already certified prior to its acquisition. That same year, EGA's UAE portfolio was further strengthened with certification of the alumina refinery to the ASI Performance Standard. In January 2025, EGA was awarded ASI Chain of Custody certification for its UAE operations, further reinforcing its commitment to responsible aluminium production.

The transition to net zero: EGA's decarbonisation strategy

At EGA, decarbonisation is a core part of our strategy to build a more sustainable future for aluminium. We are committed to reducing greenhouse gas emissions across all our operations, aligned with both national and global climate goals.

EGA has already committed to achieving net zero greenhouse gas emissions by 2050 and has recently defined its decarbonisation strategy, including 1.5 degrees Celsius warming scenario emission reduction targets. By 2030, EGA has commitment to reduing cradle-to-gate emissions intensity[1] by 25 per cent compared to 2020 base-year of 11.2 tCO_2e/t Al[2], an emissions reduction target that is aligned with a Pathway derived using the ASI Entity-Level GHG Pathways Method (2024).

As an ASI-certified entity, we are fully committed to the ambition of our Pathway and actively monitor our progress against our targets. While we continuously assess deviations and adapt our forward-looking strategies to stay on course, we recognise alongside, many in our industry, the considerable complexity and ambition of these goals. Achieving full alignment remains a significant challenge, but we remain dedicated to making measurable progress and contributing to industry-wide transformation.

In 2023, our emissions reduction progress remained within the expected range of the ASI method derived Pathway at 10.4 tCO_2e/t Al. We continue to refine our roadmap and implement targeted initiatives to sustain and enhance this alignment, recognising the evolving complexity of achieving long-term decarbonisation objectives. In alignment with ASI Performance Standard V3, EGA will publicly disclose progress against the GHG Emissions Reduction Plan on an annual basis in our Sustainability Reports[3].

The transition to net zero: EGA's decarbonisation plan

Our decarbonisation roadmap focuses on four key areas: improving energy efficiency, increasing the use of renewable energy, advancing technological innovation, and exploring circular economy opportunities. Specifically, we are working to:

1. Enhance the energy efficiency of electrolytic processes to reduce emissions at the source.
2. Increase access to renewable electricity via the national grid, supporting a cleaner energy mix.
3. Expand the input of secondary metal in both the UAE and internationally, contributing to a more circular aluminium value chain.
4. Foster a strong culture of operational excellence and continuous improvement across all stages of production.

Not all the solutions rest with EGA, and we will work in partnership with others including our supply chain.

Further information is available on our website[4] and annual Sustainability Reports.

[1] Including GHG Protocol Scope 1, Scope 2 and material upstream Scope 3 emissions as per IAI (2021), Good Practice for Calculation of Primary Aluminium and Precursor Product Carbon Footprints, https://international-aluminium.org/resource/good-practice-for-calculation-of-primary-aluminium-and-precursor-product-carbon-footprints/

[2] Cradle-to-gate emission intensity as defined by GHG Protocol and IAI[1] in 2020 was 11.6 tCO_2e/t Al. The 2020 base-year was rebaselined by including EGA's acqusitions in 2024 resulting in cradle-to-gate emission intensity of 11.2 tCO_2e/t Al.

[3] https://www.ega.ae/en/sustainability/sustainability-reports

[4] https://www.ega.ae/en/sustainability/net-zero