



**Decarbonisation
plan**
2025



A firm commitment to a sustainable future

Decarbonisation has become a strategic priority for the **ALEASTUR Group**. It is not simply a response to global environmental challenges, but a key pillar for strengthening our operational efficiency, our industrial competitiveness and our transparency towards customers, public authorities and other stakeholders. In this context, the publication of this Decarbonisation Plan takes into account the provisions of **Royal Decree 214/2025**, which regulates the calculation of the carbon footprint and the preparation and publication of plans to reduce greenhouse gas emissions.

This Plan also forms part of the international commitments undertaken under the Paris Agreement, the objective of which is to limit global warming to well below 2, and preferably to 1.5 degrees Celsius, compared to pre-industrial levels. At **ALEASTUR Group**, we regard this framework as an essential benchmark for guiding our contribution to the transition towards a low-carbon economy, integrating climate considerations into decision-making and medium- and long-term planning.

The **ALEASTUR Group** is looking ahead to the coming years with a solid outlook for industrial growth. However, we do not wish to increase our carbon footprint; that is why we have a plan. Growth and decarbonisation are not incompatible objectives; on the contrary, they form part of the same strategy for responsible competitiveness.

For every tonne we produce, we are less carbon-intensive (tCO_2e/t_{prod})

This is not merely an aspirational statement but a concrete operational commitment: producing more while reducing carbon intensity, improve processes, optimise energy consumption, incorporate more efficient technologies, and advance the use of renewable energy sources with a lower environmental impact.

Our approach is based on internationally recognised standards, ensuring the traceability, comparability and reliability of data. The calculation of the carbon footprint and the definition of reduction measures are conceived as a dynamic process, based on the continuous improvement of data quality, periodic reviews and systematic monitoring of the results obtained. This approach enables us to identify opportunities for improvement, optimise processes and make steady, realistic progress in reducing our emissions.

Sustainability is a fundamental part of **ALEASTUR Group's** commitment to responsible industrial development, deeply rooted in our homeland, Asturias. From here, we promote industrial activity that is compatible with environmental protection, economic growth and the creation of long-term value. With the publication of this Decarbonisation Plan, we reaffirm our determination to act with responsibility, rigour and transparency, strengthening a more sustainable industrial model for our region and future generations.

(*) tCO_2e/t_{prod} : tonnes of CO_2 equivalent per tonne of product

Sergio Martínez
CEO ALEASTUR Group



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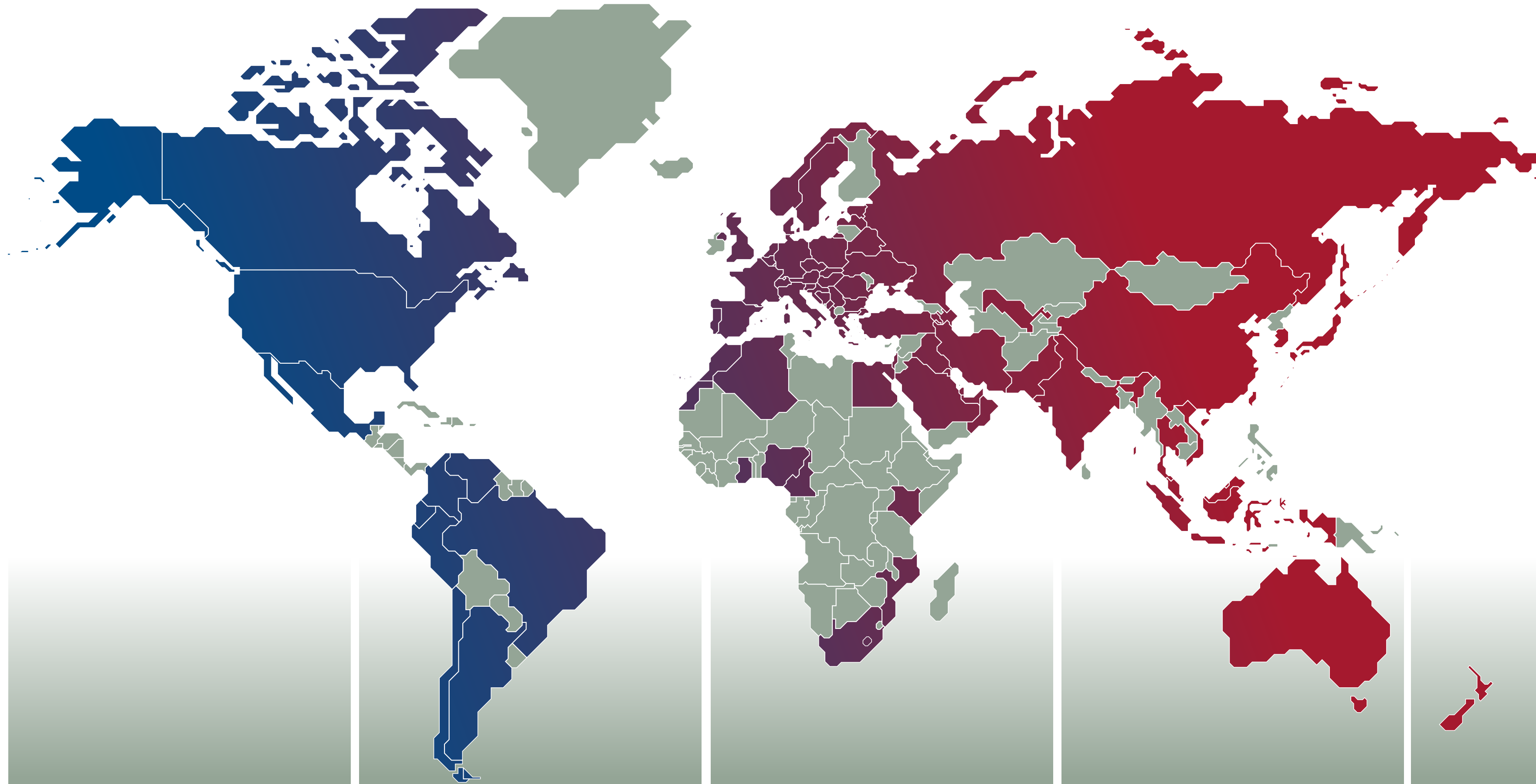
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1. Context

Image: View of the imposing mountain range of the Picos de Europa. Asturias, Spain.



ALEASTUR Group at a glance

As part of our strategic international expansion, we are strategically located with robust infrastructure and easy access to the fastest-growing markets.

+50
years

+300
people

4
factories

1
innovation
centre

+80
countries

+800
customers

Bespoke products for the metalworking industry



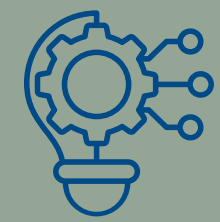
At **ALEASTUR Group**, we drive the transformation of materials, enabling a wide range of end-use applications. We serve the aluminium and steel industries worldwide, bringing expertise, innovation and commitment to the table. We are a constantly expanding group with a clear focus on growth and over 50 years' experience in our industrial sector.



Committed
to sustainable
growth



Committed
to our
customers



Committed
to innovation

Our business units:



2. Scope, framework and methodology

Image: A cowboy's hut overlooking a valley in the Somiedo Natural Park. Asturias, Spain.

The **ALEASTUR Group** calculates the carbon footprint of its operations annually, covering direct emissions (Scope 1), indirect emissions associated with energy consumption (Scope 2) and those arising from its value chain (Scope 3). This analysis is complemented by the preparation of an emissions inventory in accordance with the methodological guidelines of the Greenhouse Gas Protocol (GHG Protocol), based on the principles of relevance, completeness, consistency, transparency and accuracy.

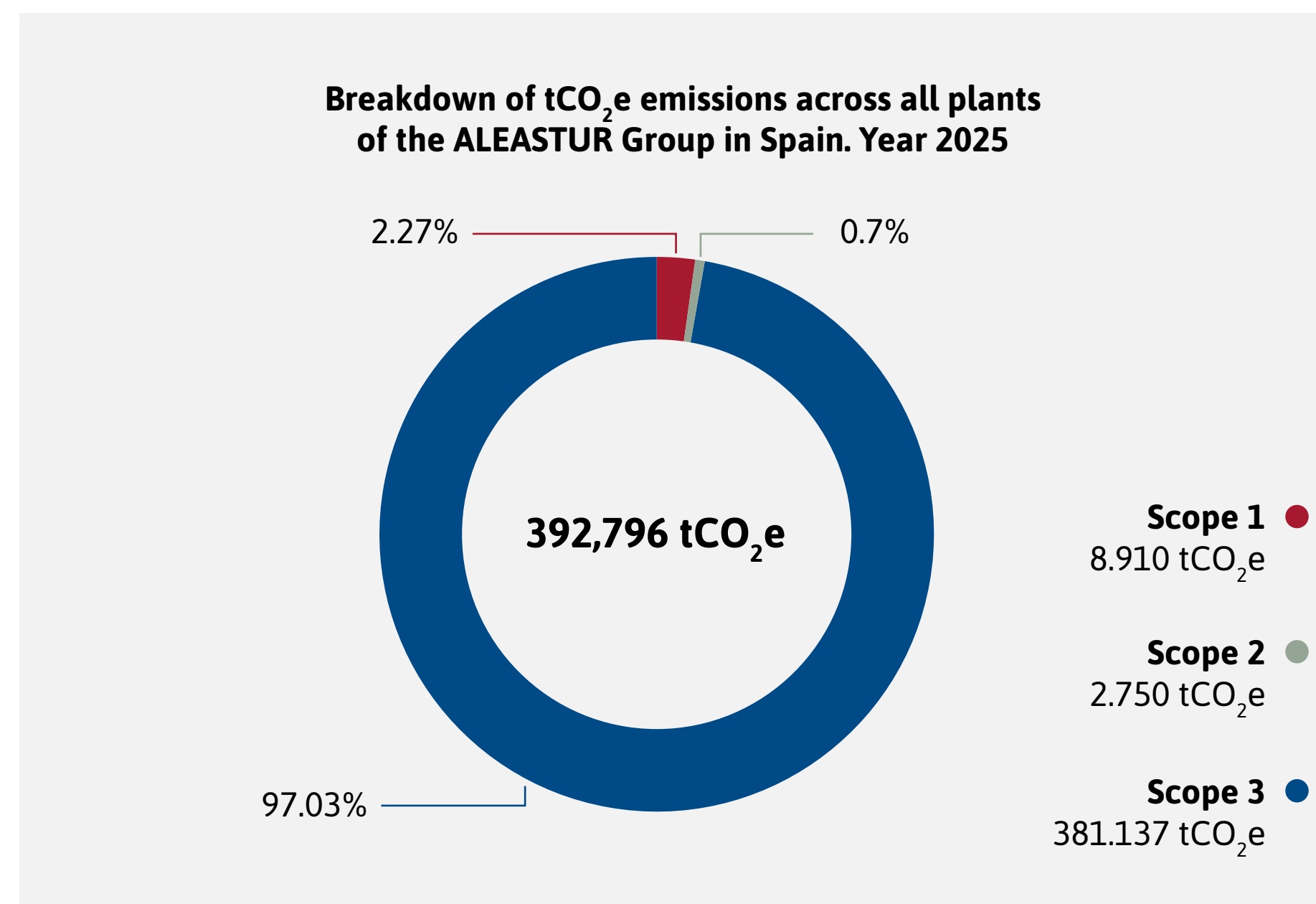
This **Decarbonisation Plan**, which focuses on emissions from the three production centres located in Spain (Aleastur, Esalrod and Steel)—which account for virtually all of the Group’s emissions—is based on a structured and progressive methodological approach that begins with the definition of a GHG emissions baseline and enables the identification of the main emission sources, as well as the design of reduction pathways consistent with climate objectives. This approach is aligned with methodologies widely used in European sectoral studies, which combine carbon footprint analysis, activity projections and the evaluation of technological options for emissions reduction.

Scope 1: emissions represent approximately 2.27% of the **ALEASTUR Group’s** carbon footprint in Spain. It includes emissions from sources owned by the Group or under its direct control, such as the consumption of natural gas in production processes and heating equipment.

Scope 2: accounts for approximately 0.70% of the **ALEASTUR Group’s** carbon footprint in Spain.

The Scope 1 and 2 emissions for the **ALEASTUR Group** entities mentioned above have been calculated using the emission factors published by the Ministry for Ecological Transition and Demographic Challenge (MITECO), in accordance with the provisions of Royal Decree 214/2025, thereby ensuring consistency with the current national regulatory framework.

Finally, the Plan incorporates a monitoring framework that will enable the emissions inventory to be updated periodically, assess the progress of the measures implemented, and ensure that the **ALEASTUR Group’s** decarbonisation process is consistent with best practices in the industrial sector and with the climate targets established at European and national level.





3. Overview 2023–2030

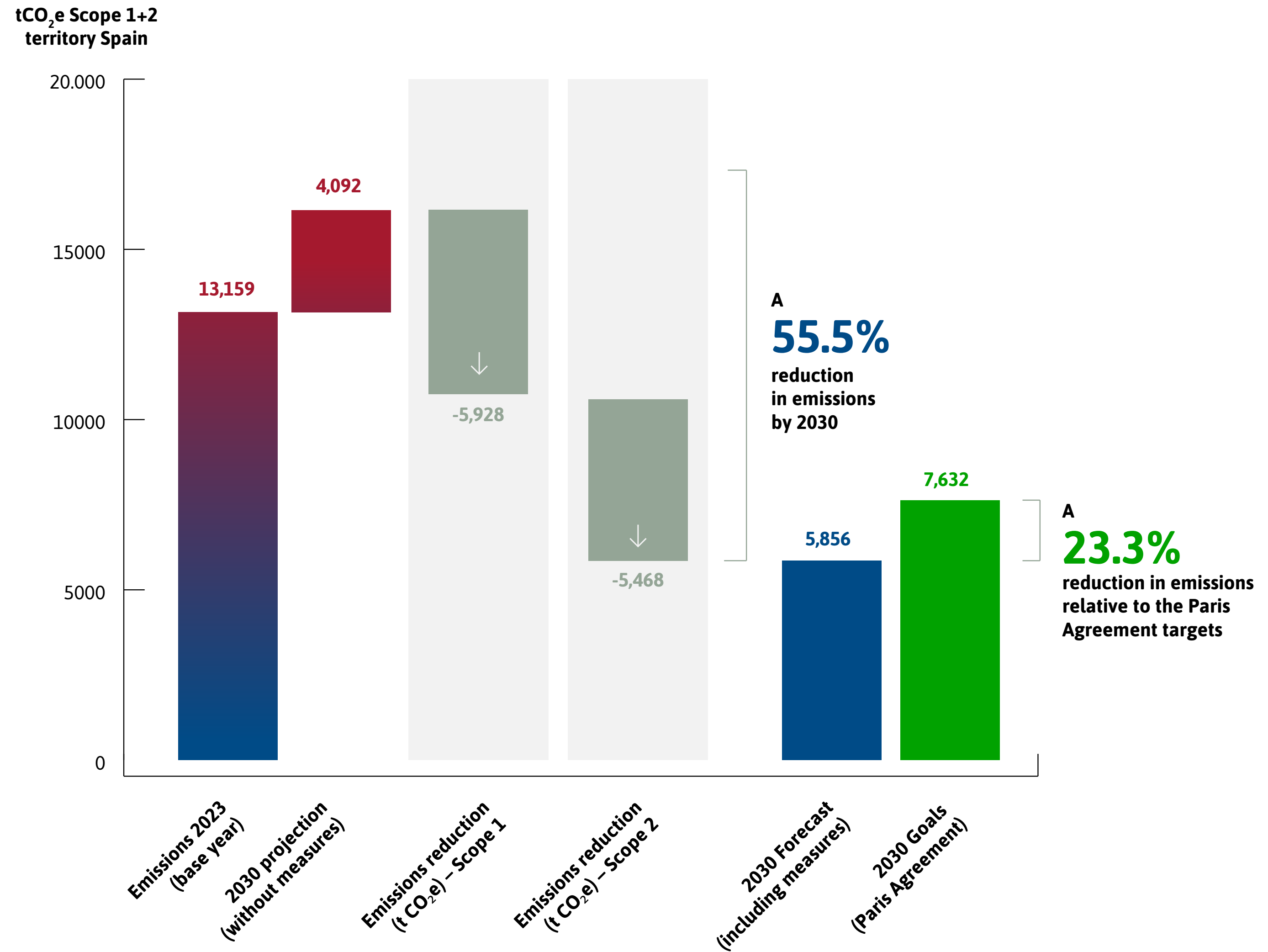
Image: The Cantabrian Sea as seen from El Silencio beach. Asturias, Spain.

Overview of the ALEASTUR Group Decarbonisation Plan (Absolute emissions)

(Scope 1+2 in Spain)

The **ALEASTUR Group** has made a firm commitment to climate action and the mitigation of greenhouse gas emissions. To this end, the Group is developing a Decarbonisation Plan and has identified measures aimed at further reducing emissions, which will result in a significant reduction compared to the estimated projection should these measures not be implemented.

In drawing up this plan, the Group has designated 2023 as the base year, as the data collected during that period most accurately reflects the Group's operational activity. **In Spain, the Plan aligns, in Scopes 1 and 2, with the commitments of the Paris Agreement, adopting a 55.5% reduction in emissions by 2030 compared to the 2023 base year.**





4. Metrics and goal tracking

Image: The Enchanted Forest of Muniellos. Asturias, Spain.

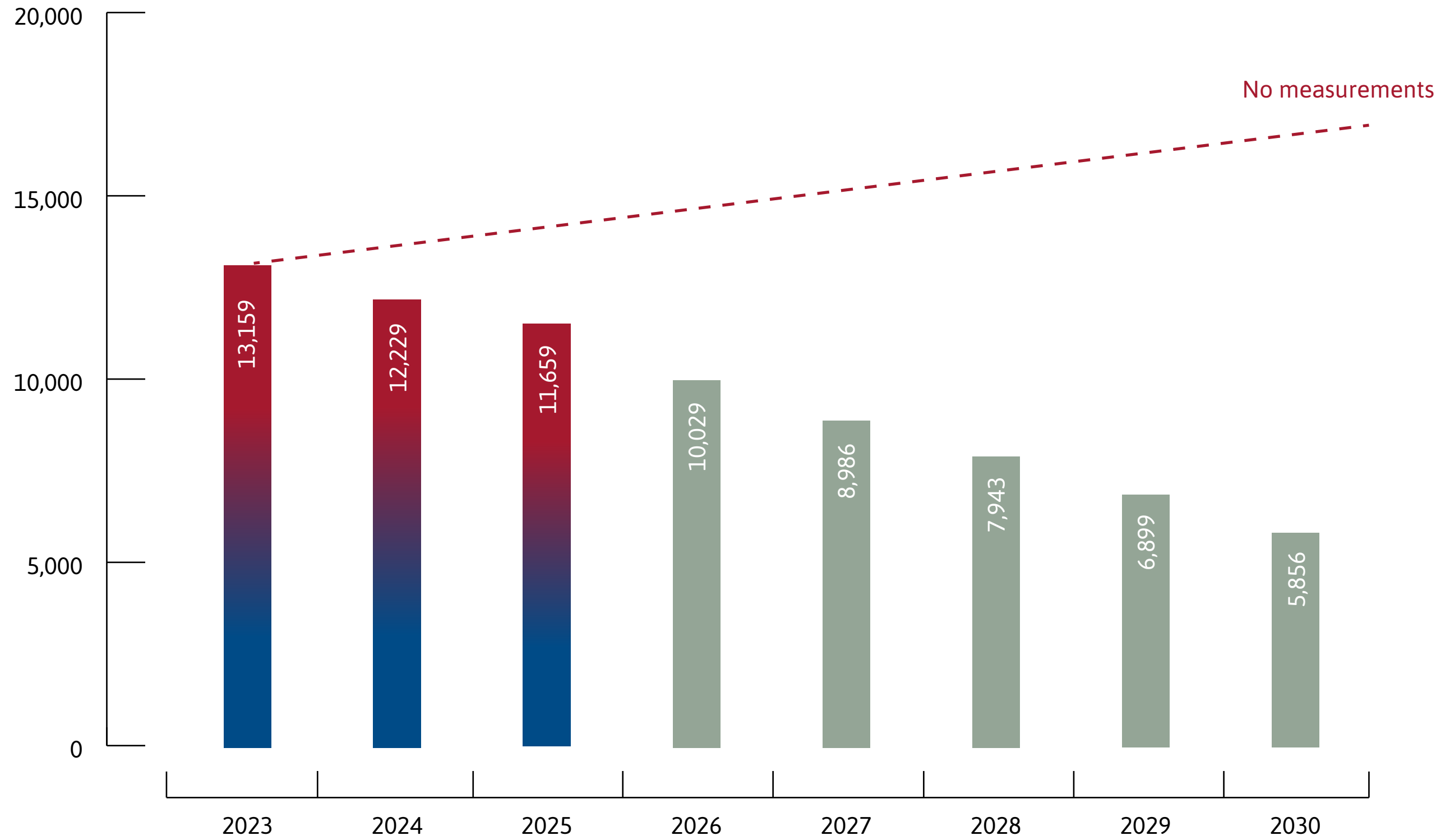
Emissions (absolute) tCO₂e

(Scope 1+2 in Spain)

The decarbonisation pathway projected by the **ALEASTUR Group**, expressed in terms of absolute Scope 1 and 2 emissions, compares current emissions with the reductions forecast for 2030, as well as with projections assuming no decarbonisation measures are implemented, using 2023 as the base year.

The graph shows that by 2025, a **reduction of approximately 11.4% had been achieved compared to 2023** due to the implementation of decarbonisation measures, following an annual rate of decline of 5.8%.

tCO₂e Scopes 1 and 2 territory Spain



- Actual emission intensity
- Projected emission levels with decarbonisation measures
- - - Projected emission levels (without measures)

Emissions intensity

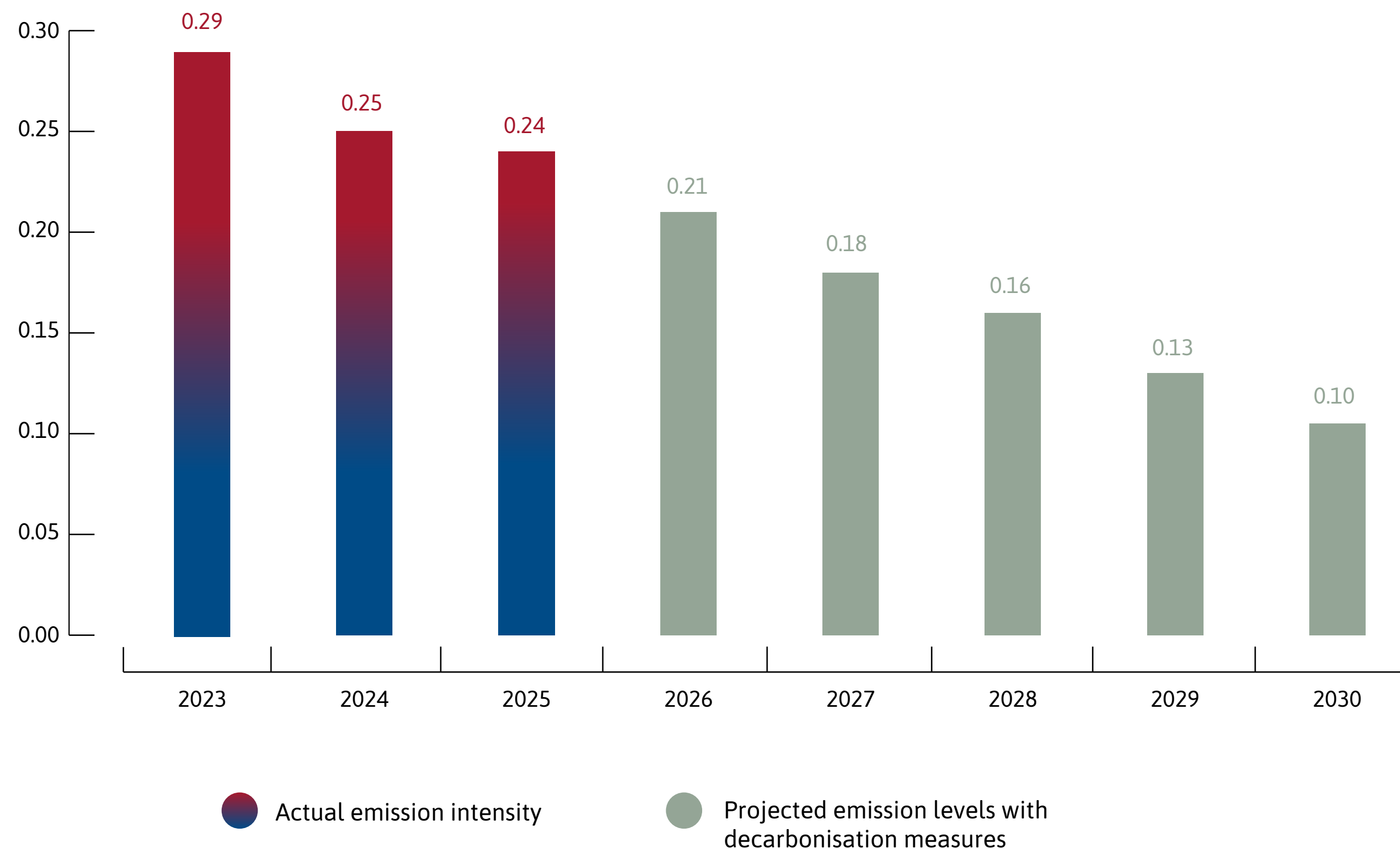
tCO_2e/t_{prod}

(Scope 1+2 in Spain)

The decarbonisation pathway projected by the **ALEASTUR Group**, expressed in terms of emissions intensity for Scope 1 and 2, compares current emissions with the reductions forecast for 2030.

The graph shows that by **2025 a reduction of approximately 19% had been achieved compared to the base year (2023)** and also highlights the Group's target of achieving a relative reduction of 65.5% by 2030, taking 2023 as the reference year.

tCO_2e/t_{prod} Scope 1 and 2
(locations in Spain)



5. Decarbonisation measures

Image: A view of the imposing Picu Urriellu, an icon of Asturian nature. Asturias, Spain.

The following table shows the **ALEASTUR Group's** initiatives for its plants in Spain, aimed at reducing Scope 1 and 2 emissions.

Scope 1	Electric ovens	The installation of an electric oven, which helps to reduce natural gas consumption and Scope 1 emissions. As it is powered by electricity with Guarantees of Origin, it will not generate any Scope 2 emissions.
	Biomethane*	Replacing fossil natural gas with renewable biomethane in thermal and industrial processes, thereby significantly reducing the carbon footprint and associated emissions, using a market-based approach.
	Hydrogen*	The use of hydrogen produced using renewable energy in smelting furnaces, reducing emissions by up to 10% with minimal changes to the existing infrastructure.
Scope 2	Purchase of GOs	Purchase of Guarantees of Origin (GOs), with an annual increase of 15% applied to all Group entities in Spain, with the aim of reaching 100% by 2030.
	Decarbonisation of the electricity mix	Reducing emissions associated with electricity consumption by gradually improving the company's energy mix.
	Efficiency measures	Measures resulting from regulatory and compliance audits: replacement of stationary compressors, installation of heat recovery systems, use of heat pumps in changing rooms, and installation of air-source heat pumps. These measures help to reduce energy consumption.

(*) Furthermore, the projected evolution of the national electricity mix will contribute to a further reduction in Scope 2 emissions, regardless of the Group's own measures.



6. Governance, monitoring and transparency

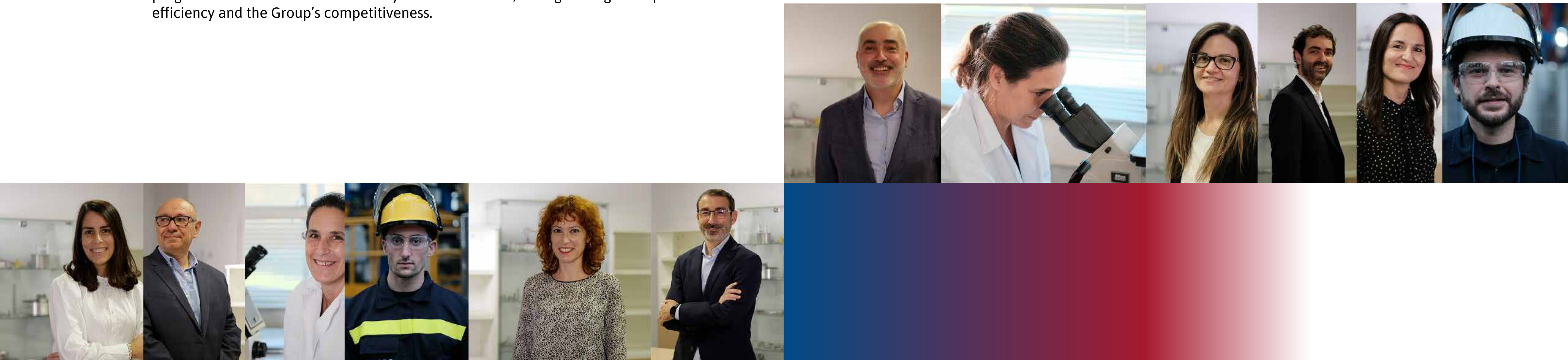
Image: Aerial view of the Covadonga Lakes. Asturias, Spain.

Governance, monitoring and transparency

At **ALEASTUR Group**, we view decarbonisation as a strategic process that demands rigour, traceability and responsible information management. To this end, we have a system in place that incorporates the annual measurement of our emissions across all areas of activity, applying recognised methodologies for our industry and ensuring reliable and comparable data.

This continuous monitoring allows us to analyse our carbon footprint in detail, identify opportunities for improvement and assess the effectiveness of the measures implemented. In this way, we ensure that our industrial growth goes hand in hand with a progressive reduction in the intensity of our emissions, strengthening our operational efficiency and the Group's competitiveness.

Transparency is a core principle of how we work. We share our progress in a clear and verifiable manner, in line with our commitment to a responsible, innovative industry that is dedicated to its environment. This approach enables us to make informed decisions, anticipate challenges and establish a production model that is aligned with climate goals and our commitment to creating sustainable value.





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