

CLIMATE IMPACT REPORT

Stena Stål 2024/2025





About Stena Stål

Stena Stål supports customers, primarily in Sweden, in strengthening their product offerings through material expertise, an extensive product range, and a customer-focused approach.

With high availability and service levels, Stena Stål supplies steel and aluminium products to construction and industrial companies. The company works closely with leading steel producers and has a strong local presence with 13 local distribution centers across Sweden.

The wholesale offerings include beams and reused beams, bars, pipes, rebar, sheet metal, stainless steel, aluminium, and special steel. Additionally, in-house or partnered pretreatments and customizations of steel products to meet specific customer needs is provided.

Stena Stål is consistently working on ways to make its business more sustainable and has climate targets approved by the Science Based Targets initiative (SBTi).

240
EMPLOYEES

<137.000
TONNES OF STEEL AND
OTHER METAL PRODUCTS
DELIVERED

13
SITES



Driving growth through sustainability and transparency

MEETING CUSTOMER DEMANDS BETTER WITH A NEW PRODUCTION LINE

A new modern production line in Västerås, Sweden, offers customers increased efficiency with shorter lead times, a broader range of services, increased capacity, and an increased focus on sustainability in production. The new line also enables efficiency in pre-heating and drying of painted steel – which in turn reduces the consumption of Liquefied Petroleum Gas (LPG). With the shift, solvent-based paint has been phased out in favor of water-based paint, reducing Volatile organic compounds (VOCs) with over 95%.

THE FIRST TO ISSUE ENVIRONMENTAL DECLARATIONS FOR RECYCLED BEAMS

Stena Stål customers can use Environmental Product Declarations (EPDs) to monitor, report, and take action on

their operations. The EPD now includes reused steel, which Stena Stål is first to offer on the Swedish market. Reusing steel beams significantly reduces the climate impact of construction projects. Based on the EPDs, it can save up to 95 percent of CO₂ emissions compared to using new scrap-based steel.

NEW TOOL FOR CUSTOMERS

The new CO₂ Sustainability Report tool provides customers with insights of the CO₂ impact of the materials they purchase. This data can be used for their own reporting and to take action toward improving sustainability efforts. The service is part of the online tool where customers can access other information, such as invoices and material certificates.

Stena Stål's climate impact and Science Based Targets

STENA STÅL AND CLIMATE IMPACT

Stena Stål's environmental work is based on a life cycle perspective. The company strives to achieve a positive impact on the environment in the long term by reducing the energy use, switching to low-emission transport solutions and reducing waste. Stena Stål prevent potential negative environmental impact on the surroundings by identifying environmental aspects and environmental risks and implementing measures to minimize the consequences and probabilities of these occurring.

The greatest environmental impact of Stena Stål's steel products occurs during the manufacturing process. By carefully selecting suppliers with a lower environmental

impact in their production process and encouraging customers to let us take back material for reuse, Stena Stål can create a positive impact in the role as a steel wholesaler.

STENA STÅL'S SCIENCE BASED TARGETS

Stena Stål commits to reduce absolute scope 1 and 2 GHG emissions 46.2% by FY2030-2031 from a FY2023-2024 base year. Stena Stål also commits to reduce scope 3 GHG emissions 55% per tonne of sold product within the same timeframe. The target boundary includes land-related emissions and removals from bioenergy feedstocks.

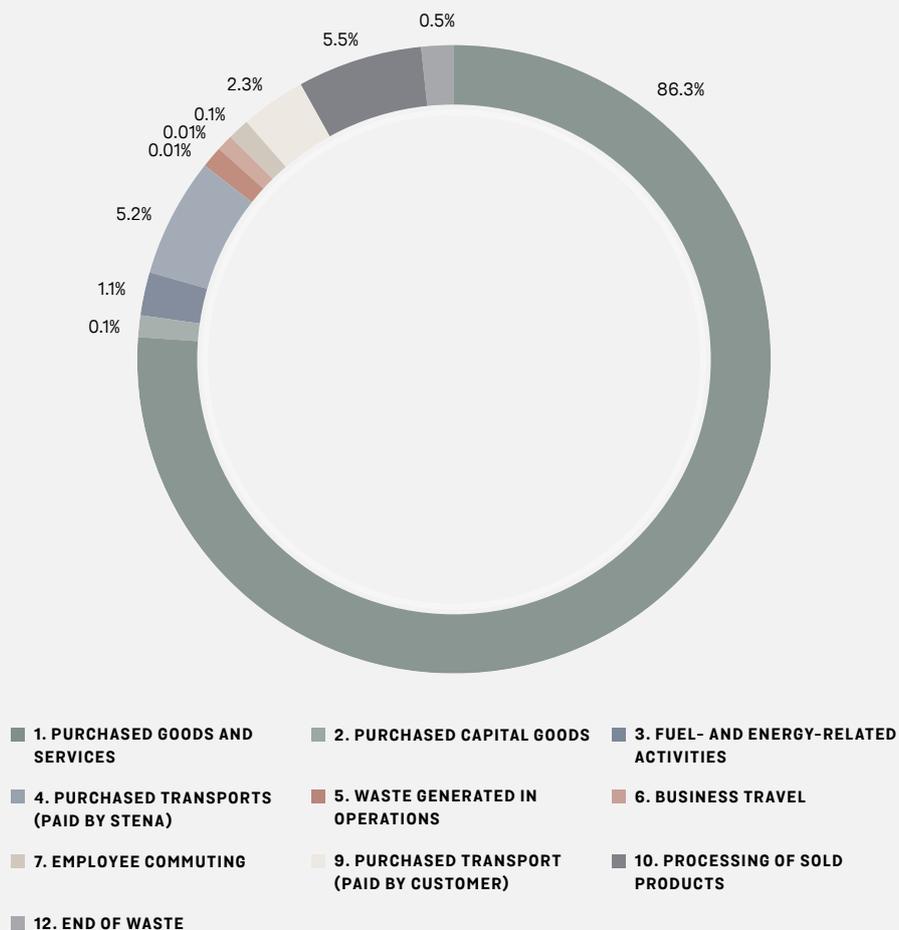
Emissions by scope

In scope 1 Stena Stål's most significant CO₂ emissions are generated from fuel consumption in working machines and own trucks. There are also some emissions from combustion of Liquefied Petroleum Gas (LPG) in the painting process.

In total, the CO₂ emissions in scope 1 constituted 0.3 % of total emissions in 2024. Scope 2 refers to emissions from purchased electricity and district heating and constituted 0.06% of total emissions.

The majority of Stena Stål's CO₂ emissions for 2024-2025, 99%, occurred in scope 3. The main source of emissions comes from externally purchased goods and services (category 3.1). A significant share can also be derived from purchased transportation and processing of sold products (category 3.4 and 3.10).

Emissions by category
scope 3

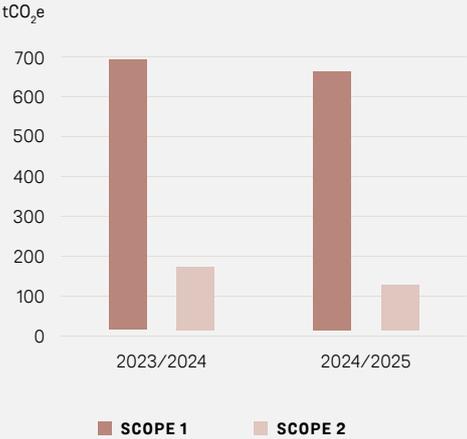


Climate impact 2024/2025

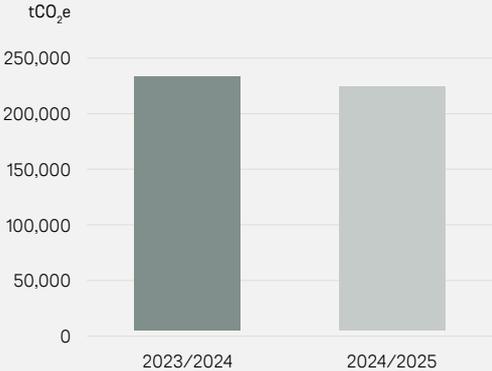
In total, Stena Stål's CO₂ emissions for the Science Based Target scope decreased with 2% between 23/24 and 24/25. This development is caused by improvements in several categories. In scope 1, emissions increased by 5%. This can be explained by reduced biodiesel mix in Swedish gas stations from 31% to 6%. The increase was mitigated by measures such as refueling some of our own trucks exclusively with biodiesel.

Emissions from scope 2 decreased by 25%. This is due to reduced fossil fuels used by central district heating suppliers. In scope 3, emissions from purchased goods and services decreased with over 2900-tonne CO₂. This is due to switching towards products with lower CO₂ emissions. The total target scope 3 emissions decreased by 2%.

Total emissions scope 1 & 2



Total emissions scope 3



Emissions by category

According to the Greenhouse Gas (GHG) Protocol guidelines, emissions are categorized into different scopes. Scope 1 includes direct emissions from sources that are controlled by the business. Examples include emissions from own work machines and trucks.

Scope 2 includes indirect emissions from purchased energy, where the emissions occur during the production of the energy. Scope 3 includes other indirect emissions that result from the businesses' operations which are not included in scope 1 or scope 2. These emissions can be both upstream and downstream in the businesses' value chain.

SCOPE 1

	2023/2024	2024/2025
1.1. Company cars	50	44
1.2. Own trucks	396	421
1.3. Working machines	111	119
1.4. Process energy	134	77
TOTAL SCOPE 1 tCO₂e	661	692

SCOPE 2

	2023/2024	2024/2025
2.1 Electricity	5	6
2.2. District heating	168	124
TOTAL SCOPE 2 tCO₂e	174	130

SCOPE 3

	2023/2024	2024/2025
1. Purchased goods and services	202.127	199.219
2. Purchased capital goods	1.709	194
3. Fuel- and energy-related activities	199	131
4. Purchased transports (paid by Stena)	13.658	11.934
5. Waste generated in operations	32	31
6. Business travel	58	27
7. Employee commuting	250	251
9. Purchased transport (paid by customer)	4.946	5.352
10. Processing of sold products	11.901	12.641
12. End of waste	1.020	1.084
TOTAL SCOPE 3 tCO₂e	235.901	230.863

Total all scopes 1, 2 & 3 tCO₂e	236,766	231,655
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SCOPE 2 CALCULATION METHOD

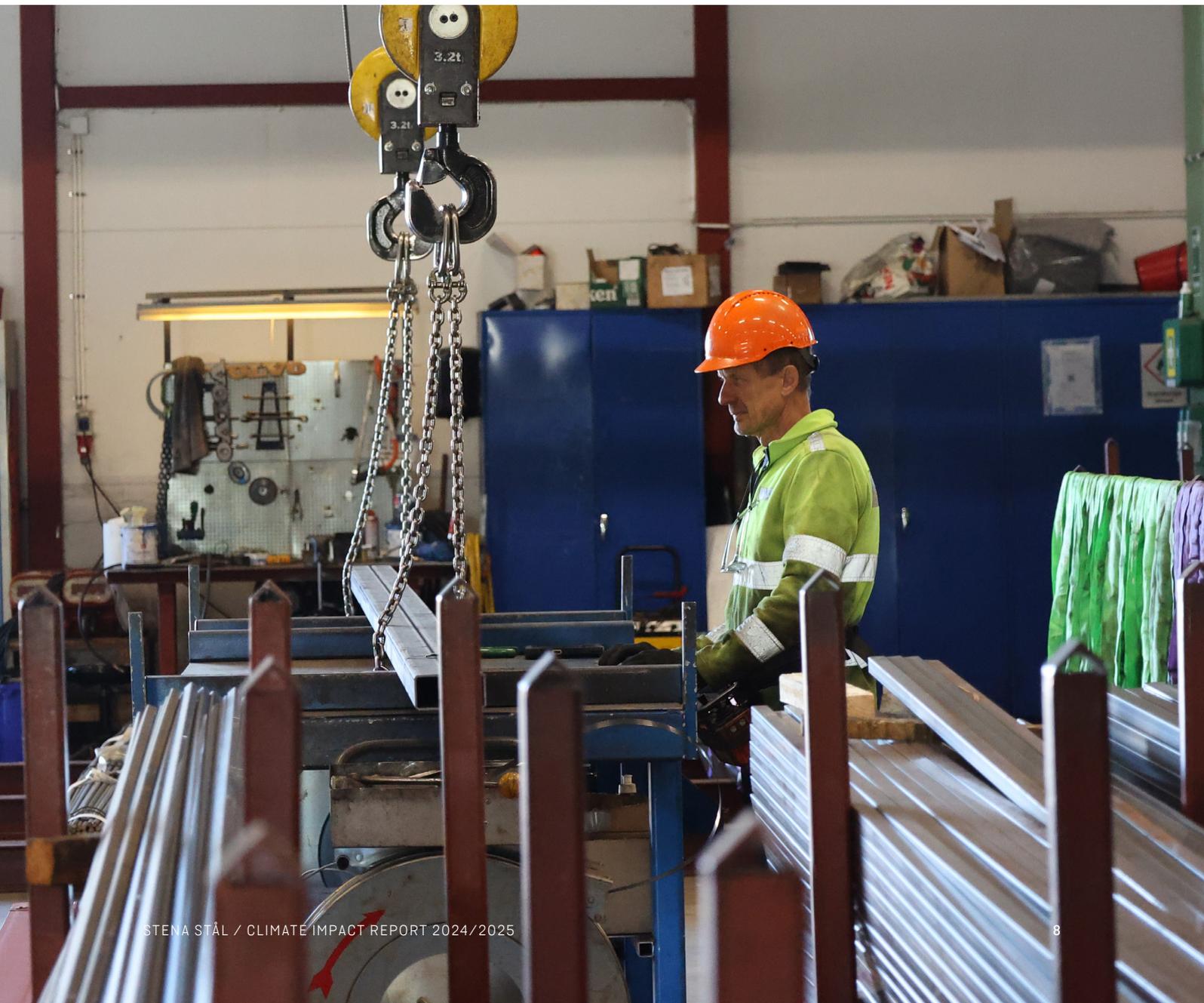
LOCATION BASED/MARKET BASED

	2023/2024	2024/2025
Electricity use - guarantees of origin (kWh)	3.457.527	3.487.631
Location based (tCO ₂ e)	5	6
Market based (tCO ₂ e)	22.9	23.1

EMISSION FROM BIOGENIC CONTENT

BIOGENIC EMISSIONS

	2023/2024	2024/2025
Scope 1 (tCO ₂)	38	79
Scope 2 (tCO ₂)	117	103
TOTAL BIOGENIC EMISSION (tCO ₂)	155	183



Methodology

THE GREEN HOUSE GAS PROTOCOL

Stena Stål's Climate Impact Report is prepared based on the guidelines of the Greenhouse Gas Protocol (GHG protocol). The GHG protocol is the most widely used international accounting standard for understanding, quantifying, and managing emissions of greenhouse gases, both in one's own operations and in the rest of the value chain. Adhering to the standard is a requirement within the Science Based Targets initiative.

The GHG protocol is structured around five main principles.

- **Relevance:** Ensure that the Climate Impact Report reflects the business.
- **Completeness:** All sources of emissions must be reported and all exceptions must be reported.
- **Comparability:** Consistent methods must be used so that the results can be compared over time. All changes must be documented.
- **Transparency:** Clear derivation to data. All relevant assumptions must be reported.
- **Accuracy:** Ensure systematic quantification to reflect real emissions. The data must be able to be used for decision-making.

SCOPE 1, 2 AND 3

Based on the GHG protocol guidelines, the emissions are distributed on different scopes. Scope 1 covers direct emissions from sources which are controlled by the business, for example emissions from own work machines and trucks. Scope 2 covers indirect emissions from purchased energy, where emissions occur at the producer. Scope 3 includes other indirect emissions that the business generates, which are not included in scope 1 and scope 2.

CONTROL APPROACH

Stena Stål operates at 13 locations where facilities, equipment and vehicles may be both self-owned and leased. The Climate Impact Report is compiled based on the operational control approach since that method best describes the emissions which Stena Stål's operations generate, regardless of ownership.

EMISSION FACTORS

To convert consumption and other activity data for emissions of greenhouse gases (measured in tCO₂ eq.), emission factors for each emission source have been used.

Emission factors are from The Swedish Energy Agency, which compiles the average greenhouse gas emissions for different fuels. Emission factors are also used from the Department for Environment, Food and Rural Affairs in UK (DEFRA), that provides annually reviewed emission factors complying with the GHG protocol. The ambition is to continue to revise and review emission factors annually.

Emission factors for district heating reflect the emissions of the individual plants and are mainly taken from the organization Energiföretagen Sweden.

For Scope 3 categories 3.1 (Purchased Goods and Services) supplier-specific data for steel products. For other goods and services emissions are calculated using a spend-based method, with emission factors sourced from Exiobase.

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PUBLISHED DECEMBER 2025

Find out more about our business and
sustainability work at stenastal.se

 **STENA STÅL**