

CLIMATE DECLARATION OF HOT-ROLLED BAR STEEL PRODUCT IN HOFORS

Functional unit: 1000 kg hot-rolled bar steel product

This climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a life cycle assessment in accordance with ISO 14025.

Information about the product

The declared unit is 1 ton (1000 kg) of hot-rolled bar steel product (round bar) at Ovako's gates from our production site in Hofors. With respect to alloying content, the product represents an average product from the site. With respect to finishing, the products are hot-rolled, ground and blasted.

Information about the company

Ovako is a leading European producer of engineering steel for customers in the bearing, transport and manufacturing industries. Ovako's customers are found mainly in the European engineering industry and its subcontractors. The steel production is based on scrap, making Ovako the largest recycler of steel scrap in the Nordic region. Customers are generally leading manufacturers in their segments. That means they place high demands on the performance of their steel.

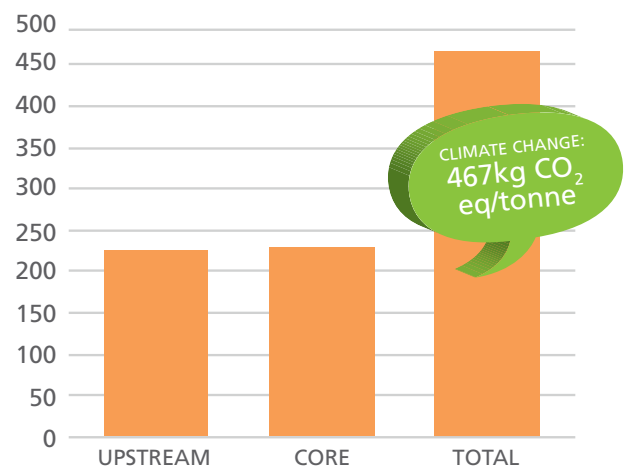
Climate declaration

The diagram shows the cradle-to-gate climate impact of one ton of hot-rolled bar steel product. All climate impacts from production and transport of raw materials (Upstream) as well as the smelting and rolling operations in Hofors are included (Core). No analysis during use or at end of life is included.

Other environmental information

The use phase is not included in this declaration. Yet there are many examples where the specific, high-performance properties of Ovako steel offer a positive climate benefit that outweighs significantly the impact of its production. These include bearings for wind turbines,

KILOGRAM CO₂EQ PER TONNE HOT-ROLLED BAR STEEL PRODUCT



increased efficiency for vehicle powertrains and fuel injectors for diesel engines. More information about the environmental impact of Ovako Hot-rolled steel products can be found in an environmental product declaration, available on request.

Contact

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REGISTRATION NO: S-P-01135	PCR: 2015:03 Version 2.0	PCR REVIEW CONDUCTED BY: TECHNICAL COMMITTEE OF THE EPD® SYSTEM
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: Carl-Otto Nevén, NEVÉN Miljökonsult		APPROVED BY: THE INTERNATIONAL EPD® SYSTEM
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