

# CLIMATE DECLARATION OF HOT-ROLLED BAR STEEL PRODUCT

Functional unit: 1000 kg hot-rolled bar steel product

The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-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 gates from their 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 one of the Nordic region's largest recycler of steel scrap. Customers are generally leading manufacturers in their segments, which place high demands on the properties of the steel.

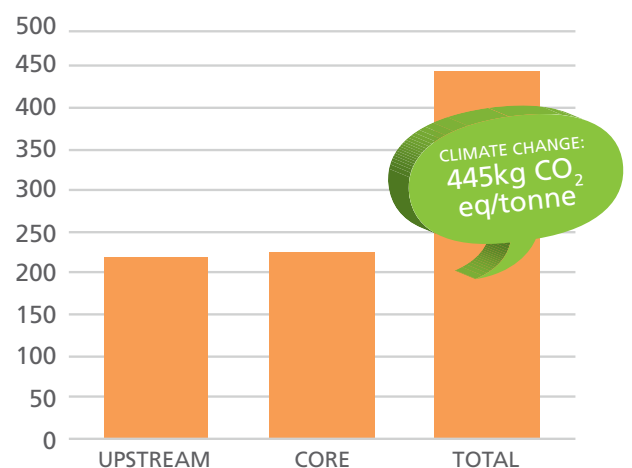
## Climate declaration

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 use or end of life phase is included.

## Other environmental information

The use phase is not included in this declaration. However, there are many examples of where Ovako clean steel qualities can avoid more climate impact than it creates: for example in roller bearings for wind mills, increased efficiency for vehicle drivelines and improved

KILOGRAM CO<sub>2</sub>EQ PER TONNE HOT-ROLLED BAR STEEL PRODUCT



fuel injectors for modern diesel vehicles. More information about the environmental impact of Ovako hot-rolled bar steel product, corresponding to the information in an environmental product declaration, is available from Ovako on request.

## Contact

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The climate declaration shows the emissions of greenhouse gases, expressed as CO<sub>2</sub>-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, flat and special profile) at Ovako gates from their production sites in Smedjebacken-Boxholm. With respect to alloying content, the product represents an average product from the sites. With respect to finishing, the products are hot-rolled and ground.

## 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 one of the Nordic region's largest recycler of steel scrap. Customers are generally leading manufacturers in their segments, which place high demands on the properties of the steel.

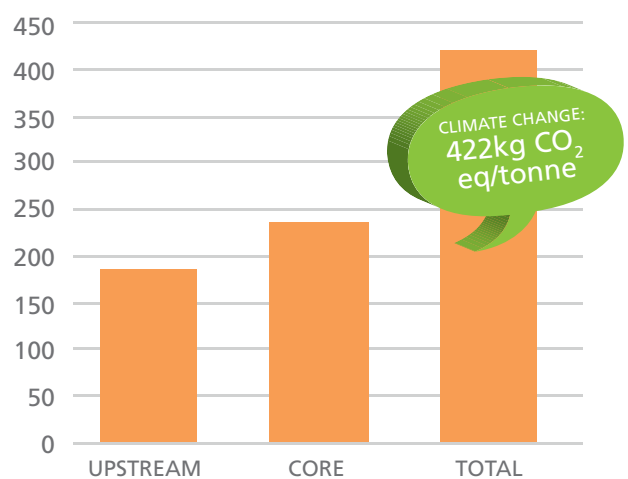
## Climate declaration

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 Smedjebacken-Boxholm are included (Core). No use or end of life phase is included.

## Other environmental information

The use phase is not included in this declaration. However, there are many examples of where Ovako steel qualities can avoid more climate impact than it creates:

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for example in clips for railway and wear resistant parts for agriculture and construction applications. More information about the environmental impact of Ovako hot-rolled bar steel product, corresponding to the information in an environmental product declaration, is available from Ovako on request.

## Contact

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