

# SSAB Zero

Aulis Lundell 16.1.2024

SSAB

# SSAB's sustainable steel offering

Our two unique steels make a comprehensive steel offering, paving the way for a greener future.



## SSAB Zero™

A fossil carbon emission-free steel based on recycled steel, produced using fossil-free electricity and biogas. The first commercial steel of its kind – launched in 2023.

## 0.0 kg CO<sub>2</sub>e emissions per kg steel

The fossil carbon emissions in operations including purchased energy (scope 1-2 and transportation between SSAB sites)



## SSAB Fossil-free™ steel

A steel covering the entire value chain based on HYBRIT® technology with direct reduction of iron ore using fossil-free hydrogen. Replaces iron ore blast furnace route using coal. Our aim is to be the first steel company in the world, already in 2026, to offer fossil-free steel on the market.

## 0.0 kg CO<sub>2</sub>e emissions per kg steel

The fossil carbon emissions in operations including purchased energy and iron ore (scope 1-2 and upstream scope 3 of iron ore)

## ⓘ Did you know?

- The emissions are not completely zero, but so small that we guarantee that they are less than 0.05 kg CO<sub>2</sub>e emissions per kg steel, and thus rounded to 0.0 which is our target
- No carbon emission offsetting or mass balancing allocation schemes
- Third-party verified



- ✓ Fossil-free electricity
- ✓ Fossil-free fuels
- ✓ Fossil-free internal transports
- Fossil-free sponge iron based on the HYBRIT® technology
- ✓ Based on high-quality recycled steel



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# What are the carbon emissions of SSAB Zero™?



Carbon emission in operations including purchased energy (Scope 1-2): **0.0 kg CO<sub>2</sub>e** emissions per kg steel (target).

The emissions are not completely zero, but so small that we guarantee that it is less than 0.05 kg CO<sub>2</sub>e emissions per kg steel, and thus rounded to 0.0.

Carbon emission in operations including purchased energy and raw material (Scope 1-3 Upstream): 0.3 kg CO<sub>2</sub>e emissions per kg steel (target).

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