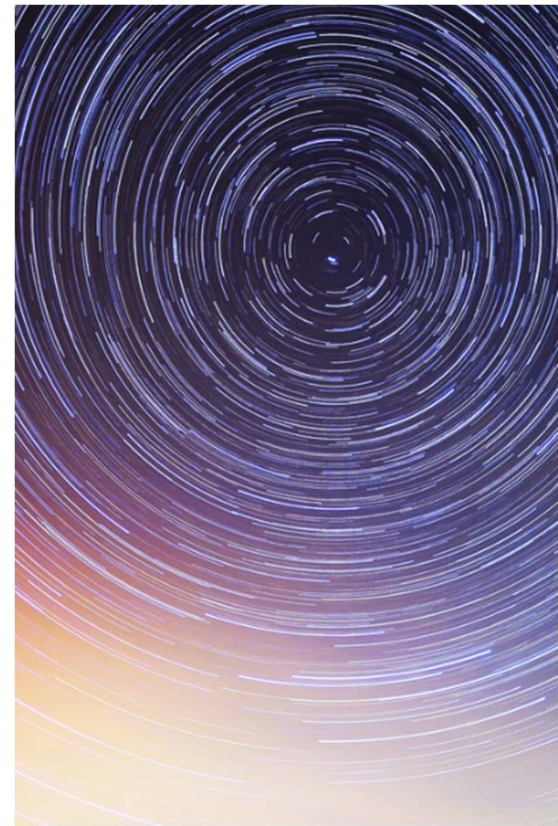




# Fastmarkets



# Meet our team



**Ross Yeo**  
European Scrap  
Editor



**Julia Bolotova**  
Senior Price  
Reporter



**Andrew Wells**  
Global steel &  
ferroalloys editor



**Janie Davies**  
Steel & Ferroalloys  
editor, EMEA

# Fastmarkets green steel price specifications Europe



## **MB-STE-0904: Green Steel domestic, flat-rolled, differential to HRC index, exw northern Europe, € per tonne**

Quality: Steel produced with scope 1,2 & 3 emissions of maximum 1 tonne CO2 per tonne of steel

Quantity: minimum 10 tonnes

Location: Ex-works northern Europe

Timing: Open

Unit: EUR/tonne

Publication: Weekly

## **MB-STE-0905: Green Steel base price, HRC exw northern Europe, daily inferred, € per tonne**

Quality: Steel produced with scope 1,2 & 3 emissions of maximum 1 tonne CO2 per tonne of steel

Quantity: minimum 10 tonnes

Location: Ex-works northern Europe

Timing: Open

Unit: EUR/tonne

Publication: Daily

Notes: This price is calculated by adding the weekly Green Steel differential (MB-STE-0904) to the daily Northern Europe HRC index (MB-STE-0028).

**The green steel prices will capture the differential between traditional flat-rolled steel prices and prices for steel produced with low emissions (including Scope 1, 2 & 3) of maximum 1 tonne CO2 per tonne of steel.**

**All production methods and raw materials will be considered, including scrap-based production and steel made using hydrogen-reduced iron.**



# Fastmarkets green steel price specifications Asia



## **MB-STE-0907: Green Steel, flat-rolled, regional differential to cfr Vietnam HRC index, Japan/South Korea/ Taiwan, \$ per tonne**

Quality: Steel produced with scope 1,2 & 3 emissions of maximum 1.3 tonne CO2 per tonne of steel

Quantity: Minimum 10 tonnes

Location: cfr Asia

Timing: Open

Unit: Per tonne

Publication: Weekly, Friday 5-6pm Singapore time

## **MB-STE-0908: Green steel base price, hot-rolled coil cfr Vietnam, weekly inferred, \$/tonne**

Quality: Steel produced with scope 1,2 & 3 emissions of maximum 1.3 tonne CO2 per tonne of steel

Quantity: minimum 10 tonnes

Location: cfr Vietnam

Timing: Open

Unit:

Publication: Weekly, Friday 5-6pm Singapore time

Notes: This price is calculated by adding the weekly green steel differential (MBSTE-0907) to the weekly cfr Vietnam HRC (Japan, South Korea, Taiwan-origin) assessment (MB-STE-0888)

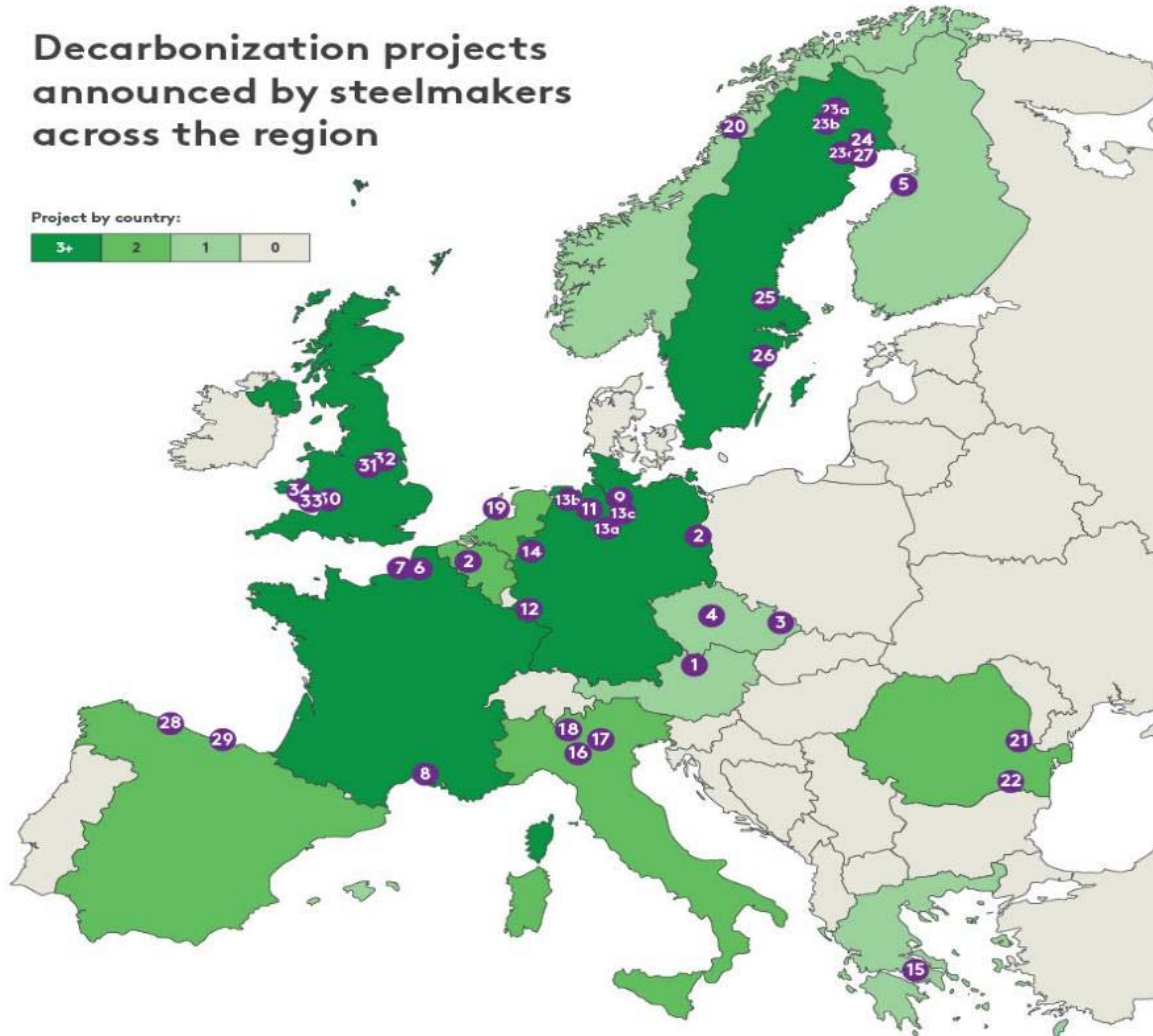
**The green steel prices will capture the differential between traditional flat-rolled steel prices and prices for steel produced with low emissions (including Scope 1, 2 & 3) of maximum 1.3 tonne CO2 per tonne of steel.**

**All production methods and raw materials will be considered, including scrap-based production and steel made using hydrogen-reduced iron.**

# Green Steel projects

Decarbonization projects announced by steelmakers across the region

Project by country:



<b>Austria</b>	
1	Voestalpine (Linz and Donawitz)
<b>Belgium</b>	
2	ArcelorMittal Gent
<b>Czech Republic</b>	
3	Liberty Ostrava
4	Trinecke Zelezarny
<b>Finland</b>	
5	SSAB Raahe
<b>France</b>	
6	ArcelorMittal Dunkirk
7	Dillinger Dunkirk
8	ArcelorMittal Fos-sur-Mer
<b>Germany</b>	
9	ArcelorMittal Hamburg
10	ArcelorMittal Bremen
11	ArcelorMittal Eisenhuttenstadt
12	Rogesa, a joint subsidiary of German steelmakers Dillinger and Saarstahl
13a	Salzgitter Salcos project (Salzgitter)
13b	Salzgitter Salcos project (Wilhelmshaven)
13c	Salzgitter Salcos project (Peine)
14	Thyssenkrupp Duisburg
<b>Greece</b>	
15	Corinth Ppieworks
<b>Italy</b>	
16	Arvedi (ArvZero launch)
17	Duferco Travi e Profilati (Brescia)
18	Tenaris Dalmine
<b>Netherlands</b>	
19	Tata Steel IJmuiden
<b>Norway</b>	
20	Celsa Nordic
<b>Romania</b>	
21	Liberty Galati
22	Beltrame
<b>Sweden</b>	
23a	Hybrit (SSAB, LKAB and Vattenfall) (Malmberget)
23b	Hybrit (SSAB, LKAB and Vattenfall) (Gallivare)
23c	Hybrit (SSAB, LKAB and Vattenfall) (Lulea)
24	H2Green Steel
25	Ovako
26	SSAB Oxelosund
27	SSAB Lulea
<b>Spain</b>	
28	ArcelorMittal Gijon
29	ArcelorMittal Sestao
<b>UK</b>	
30	Liberty Steel Newport
31	Liberty Steel Rotterham
32	British Steel Scunthrope
33	Celsa UK
34	Tata Steel Port Talbot

# Decarbonization drive reshaping steel industry



**SSAB** – plans to offer low-CO2 on commercial scale starting 2026; agreement with Mercedes-Benz for fossil-free steel deliveries; agreement with Volvo for fossil-free steels deliveries

**Salzgitter** – MoU with Volkswagen, BMW for low-CO2 steel supply from end-2025; MoU with Ford

**Thyssenkrupp**- MoU with Ford, Mercedes-Benz; agreement with Mubea (automotive parts supplier) for low-CO2 steel deliveries from 2026

**H2 Green Steel** – agreement with BMW for low CO2 steel deliveries starting 2025

**TataSteel** – MoU with Ford to supply its Zeremis brand of low-CO2 steel

**ArcelorMittal** – will offer XCarb green steel certificates on certified flat steel products with CO2 savings

- *Long-term contracts for Green steel deliveries have been settled with mainly end consumers with deliveries starting 2025.*
- *Sustainability is being noticeably higher on end-users' agendas lately*
- *Green Steel will be in short supply in the next few years*

Week green steel panel: Firms reluctant to lower prices as decarbonization drive accelerates green steel production. Premiums despite patchy decarbonization investment as decarbonization drive accelerates green steel production. Premiums despite patchy decarbonization investment as decarbonization drive accelerates green steel production.

Reported by: Julia Bolotova, Janie Davies  
2023 @ 12:20 UTC

Reported by: Julia Bolotova  
2023 @ 15:34 UTC

Reported by: Rijuta Dey Bera  
2023 @ 10:05 UTC

# Green steel headlines

2023 Fastmarkets

2023

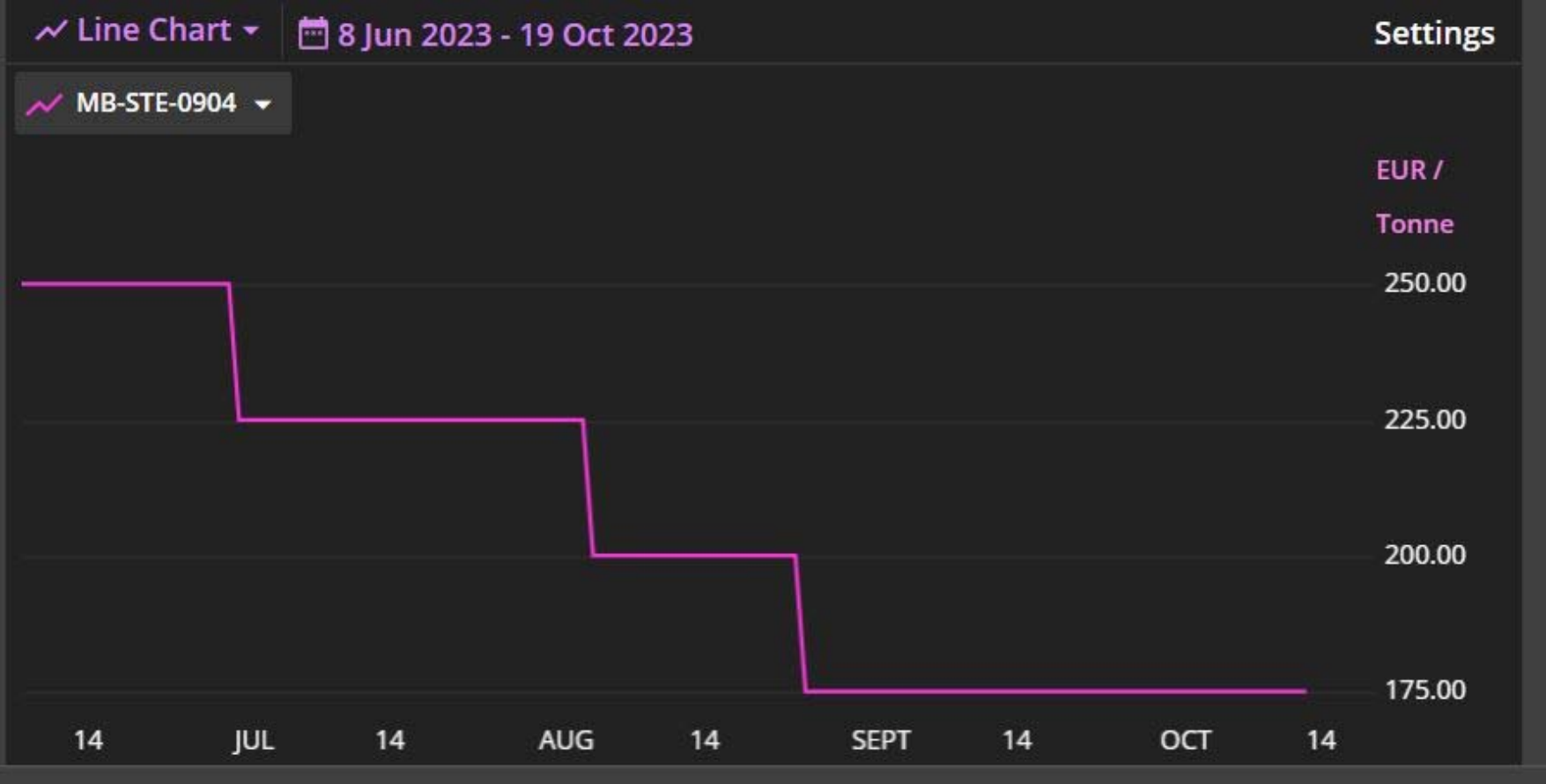
Green steel, decarbonization drive, CRUs deal to develop refinery for flat green steel in Saudi Arabia. Takeaways from Eurometal's North America meeting. Saudi green steel project moves forward.

Reported by: Julia Bolotova  
2023 @ 18:37 UTC

Reported by: Durmus  
2023 @ 15:28 UTC

Reported by: Julia Bolotova  
2023 @ 16:05 UTC

# Fastmarkets European green steel premium June-October





## Fastmarkets' green steel daily inferred price against HRC index



In the four months since our European launch we have captured data that shows a consistent premium for green steel over traditional flat rolled steel; in excess of 25% at all times and usually more than 30%. Early data captured since the launch of our Asia price shows a premium of 40% for green steel over traditional steel in the region.



# Fastmarkets

Thank you!



**Stefano Di Nardo**

Conference Programme Manager

**Fastmarkets**

**+44 20 7779 8421**

**[stefano.dinardo@fastmarkets.com](mailto:stefano.dinardo@fastmarkets.com)**