



# Biocarbon in Metallurgy 2025

8 and 9 April 2025  
Wisła, Poland

## Programme

Wednesday 9 April 2025

### 9.00h Opening

Maria Wallin, NTNU, Norway; Michał Książek SINTEF, Norway; Michał Rejdak, ITPE, Poland

### 9.10h Challenges of introducing biocarbon in large sealed, ferromanganese furnaces

Sten Yngve Larsen, Eramet, Norway

### 9.30h The use of biocarbon in ferrosilicon production at Re Alloys

Lukasz Banasik, Re Alloys, Poland

### 9.50h Life-cycle assessment of Ferromanganese production using biocarbon as reductant and carbon capture and storage

Marvin Werra, NTNU, Norway

### 10.10h Pioneering binder technology for industrial biocarbon briquettes: decades in the metallurgical industry

Clara Trägårdh, Procarbon, Sweden

### 10.30h Coffee break

### 11.00h Development of high performance biocarbon for production of manganese alloys

Kai Toven, PFI RISE, Norway

### 11.20h Anthracite-like green carbon from woody biomass

Marcel Huber, Syncraft, Austria

### 11.40h Ensure a sustainable future by replacing fossil carbon with biocarbon

Gang Xing, WAI, Norway

### 12.00h Technology-driven innovation to achieve a greater energy efficiency

Jan Bohringer, Händle, Germany and Bjørn Heiland, Aaldtved, Norway.

### 12.20h Biocarbon for metallurgy: customizing agglomeration to meet industry-specific needs

Julio Gómez Izquierdo, Verdes, Spain

### 12.40h Panel discussion

### 13.20h Closing

Maria Wallin, NTNU, Norway; Michał Książek SINTEF, Norway; Michał Rejdak, ITPE, Poland

### 13.30h Lunch

### 14.30h End of event

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