

MUSIC Business Mission

Workshop: Prospects of biocoal for the metallurgical industry
Field visit: ArcelorMittal Gent steel mill / Torero & Steelanol units

Dates

15 – 16 February 2023

Hosts:



In collaboration with:



Torero
Fueling a sustainable future



Steelanol
Fueling a sustainable future



RE4iNDUSTRY
Renewable energies for industries



The projects [MUSIC](#), [Torero](#), [Steelanol](#) and [RE4Industry](#) have received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857806, 745810, 656437 and 952936 respectively.

Wednesday, 15 February 2023

MUSIC Workshop: Prospects of biocoal for the metallurgical industry

Venue: Ghent Marriott Hotel (Korenlei 10, 9000 Gent, Belgium)

<i>Time</i>	<i>Topic, Presentation</i>
13:00-14:00	Arrival & Welcome Coffee
14:00-14:10 (10 min)	Welcome & Introduction to MUSIC project <ul style="list-style-type: none"> - Manolis Karampinis, Business Development & Membership Director Bioenergy Europe - Patrick Reumerman, Senior Consultant BTG Biomass Technology Group
14:10-14:30 (20 min)	Overview of biomass use in the steel industry <ul style="list-style-type: none"> - Åsa Ekdahl, Head of Environment and Climate Change World Steel Association
14:30-14:50 (20 min)	SmartCarbon Technologies at ArcelorMittal: Steelanol & Torero <ul style="list-style-type: none"> - Wim van der Stricht, CTO – Technology Strategy – CO₂ and Circular Economy ArcelorMittal
14:50-15:10 (20 min)	The Torero project – technology <ul style="list-style-type: none"> - Randolph Hagenbeek, Sr. Technologist/Applied Torrefaction Expert Torrcoal
15:10-15:30 (20 min)	The Torero project – biomass sourcing <ul style="list-style-type: none"> - Daneel Geysen, Material Development Manager Renewi
15:30-16:00	Coffee break
16:00-16:20	Swedish bio-coal for the steel industry <ul style="list-style-type: none"> - Pawel Donaj, Head of Process Technology Envigas
16:20-16:40	Alternatives to coal in industrial processes <ul style="list-style-type: none"> - Johan Lilliehöök, Director Business Development AIREX Energy
16:40-17:00	Prospects in using biomass for manganese alloys production <ul style="list-style-type: none"> - Sten Yngve Larsen, R&D Senior Specialist Eramet
17:00-18:00	Open discussion on prospects and challenges for biomass use in the metallurgical industry <ul style="list-style-type: none"> - Moderator: Manolis Karampinis, Business Development & Membership Director Bioenergy Europe
19:30	Networking dinner @ Novotel Gent Centrum / Gruuthuuskelder



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Thursday, 16 February 2023

MUSIC Field Visit: ArcelorMittal Gent

Venue: ArcelorMittal Gent Steel Mill (John F. Kennedylaan 51, 9042 Gent)

<i>Time</i>	<i>Topic, Presentation</i>
08:30	Bus pick-up from Poel 14, 9000 Gent (around 5' min walking from Ghent Marriott Hotel)
08:30-09:15	Travel to ArcelorMittal Gent
09:15-09:45	Introduction to ArcelorMittal Gent steel mill / safety instructions
09:45-12:30	Visit of the steel plant, including Torero and Steelanol units
12:30-13:30	Light lunch break
13:30-14:30	Return to Ghent train station
14:30	Drop-off at Ghent train station / end of event



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