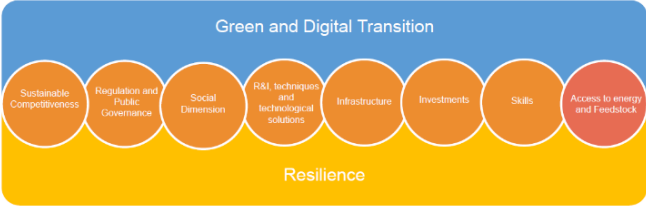


Metals Academy 5 - 2026 Programme



Monday 4 May (PM) to Thursday 7 May 2026

Grande Abbaye de La Ramée – Jodoigne, Belgium

Monday 4 May - Day 1	
<i>Chair: Violaine Verougstraete</i>	
Arrival	12:00 - 12:30
Lunch	12:30 - 13:30
<i>Coffee & Tea break will be foreseen during the afternoon sessions</i>	
Introduction to metals	
Why do we use metals, why are they essential for society?	
<p>Historical background, showing the importance of metals and their uses throughout the ages. Why do we want and need to use metals today?</p> <p>General overview of terminology, definitions, and specific characteristics of metals and alloys, highlighting connections between metals, essential uses and key features for modern society (circularity, durability and technical function)</p>	<p>13:30-15:15 <i>Staf Laget</i> <i>Organising Committee</i></p>
Basics in Metallurgy	
<p>A general overview of main production, refining & recycling processes</p>	<p>15:45- 17:00 <i>Joris Kenis</i> <i>Aurubis</i></p>
Introduction to the Transition Pathway for metals	
<p>8 building blocks have been identified in the TP for metals to both accelerate the metals industry's green and digital transition while also making the industry resilient.</p> <p>These blocks offer a full lifecycle perspective and will serve as framework for the session.</p>	<p>17:15-17:45 <i>Simon Cook</i> <i>Metals Regulation</i></p>
	
Introductory apéritif followed by dinner & evening activities	From 19:00

Tuesday 5 May - Day 2	
Chair: Howard Winbow	
<i>Coffee/Tea breaks will be foreseen during the morning/afternoon sessions</i>	
The Metals Age	
<p>“Metals as enablers” <i>Metals have been brought into focus as the Critical and Strategic enablers for the green and digital transitions but also play role in defence. Can these uses be balanced with sustainable and responsible management goals?</i></p>	
An overview of the regulatory landscape and initiatives impacting/supporting metals resources (at EU and international level)?	09:00-10:00 <i>Howard Winbow</i> IZA
What are the key applications and uses of metals driving the demand (and hence, the resources need) today? What can we expect for tomorrow? Can this be anticipated?	10:00-11:00 <i>Wouter Ghyoot</i> Umicore
<p>Reserve & Resource Management <i>Metal resources can come from demand management, primary extraction and recycling. This session will explore the three axes both from political and technical levels</i></p>	
<p>Questions that will be addressed include e.g.:</p> <ul style="list-style-type: none"> - Can/should industry also work on the demand side? - Key hurdles for the implementation of circularity? - Can full value chains be limited to one jurisdiction? - Is substitution an opportunity or a threat? 	11:30-12:30 <i>Eric Pirard</i> Liège University
Lunch	12:30-14:00
<p>Reserve & Resource Management (ctd)</p>	
Recycling: Complexities in recycling processes -illustrating the metals wheel in practice when applied to end-products	14:00-15:30 <i>Markus A. Reuter</i> SMS-Group
Interactive modules (1st Session)	
Module 1: Key elements in chemicals management	
What do you need to know to have a basic understanding of the chemicals management toolbox? How to find your way in metals (eco)toxicology and its alphabet soup (e.g., PNEC, CMR, DNEL, SSD, OEL, EQS)? Why is risk a driver?	16:00-17:30 <i>Frank Van Assche</i> Organising Committee <i>Violaine Verougstraete</i> Eurometaux
Module 2: Key elements in metals marketing	
What do you need to know about metals pricing, metal markets and value chains if you are not a marketing person?	16:00-17:30 <i>Toktar Turbay</i> London Metals Exchange

Module 3: Key elements in communication	
How might AI influence the way we already communicate? What changes might this bring in the coming 3-5 years? How do we become better at trusting humans than AI?	16:00-17:30 <i>Heinrich Pecina</i> WKO
Evening activity	TBC
Apéritif followed by dinner	20:00

Wednesday 6 May - Day 3

Chair: Frank Van Assche

Coffee/Tea breaks will be foreseen during the morning/afternoon sessions

“Hard to abate industries” when it comes to decarbonisation

The energy transition is progressing in most hard-to-abate sectors, including metals. Yet net-zero scenarios by 2050 will require to catalyse investments, establish clear carbon standards and transparency in emissions and maximise electrification through low-carbon sources. What can the metals sector do?

Practical cases

Metals producer company	9:10-9:40 <i>Wim Van der Stricht</i> <i>Arcelor Mittal</i>
Metals recycling company	9:40-10:10 <i>Dirk Vandenberghe</i> <i>Aurubis</i>
Metals mining company	10:10-10:40 <i>Ottomar Brussee</i> <i>Boliden</i>
Q&A Session	10:40-11:10 <i>All</i>

Emerging technologies

CCS, CCU and building business plans: from grey to green?	11:40-12:30 <i>Jan Mertens</i> <i>Engie</i>
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Lunch

12:30-14:00

Interactive modules (2nd Session)

Module 1: Key elements in chemicals management

What do you need to know to have a basic understanding of the chemicals management toolbox? How to find your way in metals (eco)toxicology and its alphabet soup (e.g., PNEC, CMR, DNEL, SSD, OEL, EQS)? Why is risk a driver?	14:15-15:45 <i>Frank Van Assche</i> <i>Organising Committee</i> <i>Violaine Verougstraete</i> <i>Eurometaux</i>
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Module 2: Key elements in metals marketing

What do you need to know about metals pricing, metal markets and value chains if you are not a marketing person?	14:15-15:45 <i>Toktar Turbay</i> <i>London Metals Exchange</i>
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Module 3: Key elements in communication	
How might AI influence the way we already communicate? What changes might this bring in the coming 3-5 years? How do we become better at trusting humans than AI?	14:15-15:45 <i>Heinrich Pecina</i> WKO
Keynote speaker + apéritif	17:30-18:45 <i>Robert J. Weibel</i> CENAD
Dinner	19:30

Thursday 7 May - Day 4	
<i>Chair: Mark Mistry</i>	
<i>Coffee/Tea breaks will be foreseen during the morning/afternoon sessions</i>	
The Metals Age, also tomorrow	
Rolling out the metals age requires also to address society's ethical expectations and have at hand the appropriate skills. What do we need to appear as a credible and attractive sector?	
What about the social dimension?	
Talking about due diligence, link investments and reporting on companies' operations?	9:00-10:30 <i>Mark Mistry</i> <i>Nickel Institute</i>
Skills	
How to build on the sector's human capital?	11:00-12:30 <i>Karina Maldonado-Mariscal</i> <i>Technical University Dortmund</i>
Lunch	12:30-14:00
Business - Regulatory - Communication Case for the whole group	
Group Exercise	14:00-16:00 <i>Howard Winbow</i> <i>IZA</i>
Certificates & final conclusions	16:15-17:00
Closure of the Metals Academy	17:00