

23-September-2025

🕒 07:00 - 08:00

🕒 60 Minutes ★

Site Visit Registration - Group 1 (Registered attendees only)

🕒 09:30 - 10:30

🕒 60 Minutes ★

Site Visit Registration - Group 2 (Registered attendees only)

🕒 18:30 - 20:00

🕒 90 Minutes ★

Welcome Reception

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24-September-2025

🕒 08:00 - 09:00

🕒 60 Minutes ★

Welcome Coffee and Registration

🕒 09:00 - 09:05

🕒 5 Minutes ★

Chairman's opening remarks

Speaker



Jorn de Linde  
Senior Vice President,  
CRU

🕒 09:05 - 09:30

🕒 25 Minutes ★

Silicon metal &amp; geopolitics: Navigating global shifts

In today's rapidly evolving global landscape, the Silicon Metal industry faces unprecedented geopolitical challenges that are reshaping supply chains and market dynamics. This presentation will explore how to strategically navigate these shifts to secure Europe's competitiveness and sustainable growth.

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Speaker



Marco Levi  
Chief Executive Officer,  
Ferrolobe

🕒 09:30 - 09:55

🕒 25 Minutes ★

The road ahead for silicon metal: Are severe cycles part of a 'new normal'

- What has changed?
- Will volatility subside?
- Has market access become the key driver of production?

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Speaker



Jorn de Linde  
Senior Vice President,  
CRU

🕒 09:55 - 10:45

🕒 50 Minutes ★

Panel discussion - Developments in trade and geopolitics and the implications for the silicon market

- Examining how shifting geopolitical alliances and trade tensions are reshaping global supply chains for silicon, including tariffs, export controls, and trade agreements
- Analysing the strategic responses from major producers to secure domestic silicon production and reduce dependence on imports
- Discussing the impact of new policies and investment incentives on silicon production, pricing, and availability

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Speakers



Bob Lambrechts  
Secretary General,  
EUROALLIAGES



Arnoud Willems  
Partner,  
King & Spalding LLP



Peter Handley  
Founder,  
PHASE32

🕒 10:45 - 11:15

🕒 30 Minutes ★

Networking break

🕒 11:15 - 11:40

🕒 25 Minutes ★

China's position in the silicon market and industry

- How will the demand for silicon metal in China evolve?
- How will the supply adjusted to match the demand
- What are the supply cost curve changes

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Speaker



Li Wang  
Senior Analyst,  
CRU

🕒 11:40 - 12:00

🕒 20 Minutes ★

A Focus on China

- Situation of the supply / demand in the Chinese market
- Pricing: drivers and trends
- Background of the legal / environmental situation in China
- Integration level of the value chain

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Speaker



Daniel Bajolet  
Lead Engineer,  
ACMI

🕒 12:00 - 12:20

🕒 20 Minutes ★

Ecoke, a next-generation, low-carbon alternative to traditional fossil-based fuels

- Reducing emissions in silicon metal – practical strategies to cut carbon footprints
- Real-world applications – case studies of companies already adopting ecoke
- The bigger picture – how alternative fuels support regulatory targets and industry sustainability goals

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Speaker



Sam Beardshaw  
Commercial Manager,  
Invica Industries

🕒 12:20 - 12:45

🕒 25 Minutes ★

Will we see demand grow for polysilicon made outside China?

- Growth of electric power demand globally and by region
- Impact on regional solar generating capacity expansion
- Rationale for regional solar manufacturing (geopolitics, energy security)
- Opportunities for regional polysilicon production

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Speaker



Simon Price  
Director, Energy Transition,  
CRU

🕒 12:30 - 13:45

🕒 75 Minutes ★

Lunch

Sponsored by



🕒 13:45 - 14:20

🕒 35 Minutes ★

Panel discussion – Innovation and batteries

- Cutting-edge innovations in silicon-based anode materials and their potential to enhance energy density and performance in next-generation batteries
- Role of silicon in enabling breakthroughs for EVs, grid storage, and consumer electronics
- Understanding technical and commercial challenges, including cycle stability, cost, and scale-up of silicon-rich battery technologies

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Speakers



Benoit Ollivier  
CTIO & Deputy CEO,  
Ferroglobe



Valdiney Domingos  
CEO & Founder,  
Si&MEx Solutions GmbH



Rick Costantino  
Co-Founder and CTO,  
Group14 Technologies

🕒 14:20 - 14:40

🕒 20 Minutes ★

Silicon with carbon looping

Elkem is pioneering a novel approach to silicon production through a process concept called Elkem Sicalo® (Silicon production with carbon looping). This innovative method aims to eliminate nearly all direct CO2 emissions by capturing, recycling, and reusing carbon from process gases as a reducing agent. Under ideal conditions, Sicalo enables silicon to be produced using only quartz, hydrogen, and electricity—completely removing the need for coal or biocarbon. In the EU Horizon project MECALO, Elkem together with European partners are further developing this concept for silicon and manganese production, and assessed for carbothermal processes in general. The concept and the project will be presented.

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Speaker



Anne Gry Messenlien  
R&D Engineer,  
Elkem

🕒 14:40 - 15:00

🕒 20 Minutes ★

Recycling of silicon

The main purpose of recycling is to reduce the amount of waste and to diminish the consumption of the earth's resources. The market for multi-crystalline solar cells has disappeared overnight and has been replaced by mono-crystalline solar cells. A lot of high purity silicon by-products (6N) were used in the production of multi-crystalline cells and this outlet is now gone. Production of mono-crystalline solar cells require a higher silicon purity (9N) and therefore new recycling processes are needed to recover various silicon by-products. The challenges in recycling of Kerf (cutting fines) will be discussed.

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Speaker



Harry Rong  
Senior Specialist, Silicon,  
Elkem

🕒 15:00 - 15:20

🕒 20 Minutes ★

Emissions from the silicon production

Speaker



Gabriella Tranell  
Professor,  
NTNU

🕒 15:20 - 15:40

🕒 20 Minutes ★

The Norwegian centre for Zero Emission Metal Production (ZeMe)

- ZeMe develops the fundamental knowledge and technologies needed by the silicon and other Norwegian metallurgical industry to become climate neutral by 2050
- Decarbonizing the silicon industry by 2050 and maintaining competitiveness is the most ambitious transformation the sector has ever gone through
- ZeMe is a collaborative interdisciplinary research centre where industry partners, universities and research organisations work together to address this challenge

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Speaker



Casper van der Eijk  
Senior Scientist,  
SINTEF

🕒 15:40 - 16:10

🕒 30 Minutes ★

Networking break

🕒 16:10 - 16:30

🕒 20 Minutes ★

The Use of Bioreductants in Ferrosilicon Production at Re Alloys

- Introduction to re alloys
- Comparison of bioreductants
- Production efficiency
- Challenges of bioreductant use

[View More](#)**Speaker**

Lukasz Banasik  
Director of Engineering & Technology,  
[ReAlloys](#)

**16:30 - 17:00**

30 Minutes ★

Biochar: Key to a competitive, resilient, and climate-neutral silicon industry

Biochar, as a renewable substitute for metallurgical coal, enables substantial reductions in greenhouse gas (GHG) emissions in the production of metallurgical silicon. Beyond its function as a low-emission reductant, biochar can also be applied in agriculture and construction materials, offering scalable, cost-effective solutions for permanent carbon removal. Its production promotes climate-smart forestry and reforestation, enhancing the ecological functions and resilience of Europe's forests. In silicon manufacturing, biochar contributes to strategic autonomy, process efficiency, and product quality. Recognizing these benefits, the EU has revised the EU ETS framework: as of January 2026, biochar used in silicon production will gain a financial advantage over coal. This presentation examines the status and growth potential of biochar in Europe's silicon industry, and outlines the

[View More](#)**Speaker**

Philipp D. Hauser  
Head of E2 Carbon Council,  
[Biochar Europe / E2 Carbon Council](#)

**17:00 - 17:20**

20 Minutes ★

Digital workshop solution

**Speaker**

Yidan Wang  
International marketing and sales,  
[LAPSEN](#)

**17:20 - 18:20**

60 Minutes ★

Networking drinks

**CRU** Communities**Silicon Market  
Forum****25-September-2025****08:30 - 09:00**

30 Minutes ★

Coffee and Registration

**09:00 - 09:10**

10 Minutes ★

Opening remarks

**Speaker**

James (Jim) Brosnan  
Principle,  
[Silicon & Ferroalloy Consulting](#)

**09:10 - 09:35**

25 Minutes ★

Polysilicon – Key Growth Driver for Metallurgical Silicon

**Speaker**

Rolf Hartmann  
Chief Procurement and Supply Chain Officer,  
[Hemlock Semiconductor Operations, LLC](#)

**09:35 - 10:00**

25 Minutes ★

Aluminium Market Outlook: Green demand and what it means for silicon producers

- Primary aluminium market summary
- Aluminium semis consumption outlook - automotive/aerospace
- PFA market outlook
- Long-term low-carbon demand aluminium outlook

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Alex Christopher  
Senior Analyst,  
[CRU](#)

**10:00 - 10:45**

45 Minutes ★

Fireside Chat: Silicon market world Excluding China

- Examining the structure, capacity, and growth potential of the silicon market outside China, focusing on North America, Europe, Southeast Asia, and the Middle East
- Discussing regional strategies to reduce dependence on Chinese silicon, including new investments, government incentives, and local supply chain development
- Diversifying the global supply and building more resilient silicon ecosystems

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Speakers



Richard Rast  
CEO,  
Highland Materials, Inc.



Kari Maris Guðmundsson  
CEO,  
PCC BakkiSilicon

🕒 10:45 - 11:15

🕒 30 Minutes ★

Networking break

🕒 11:15 - 12:15

🕒 60 Minutes ★

Panel discussion: raw materials

- Quartz
- Coal
- Biochar
- Charcoal/Biocarbon

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Speakers



Dr. Reiner Haus  
Managing Director ,  
Dorfner ANZAPLAN GmbH



Dr Till Reek  
CTO ,  
Tokai Cobex GmbH



Dr Bhakta Hari Agasti  
Representative Partner,  
Carbon Partners AS

🕒 12:15 - 12:45

🕒 30 Minutes ★

Full coal smelting silicon metal process technology in China

Speaker



Hongguang Zhu  
Deputy director of the project management department ,  
Dalian Heavy Mechanical & Electrical Equipment Engineering  
Company, Ltd

🕒 12:35 - 12:55

🕒 20 Minutes ★

Latest Silicon furnace technology and plant developments from an OEM's perspective

- Efficient and ergonomic MGSi facility layout
- MGSi furnace development from 1st principles
- Alternative MGSi processing techniquesza

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Speaker



Zak van der Westhuizen  
Sales Manager,  
Metix (part of SMS group)

🕒 12:55 - 12:55

🕒 0 Minutes ★

Lunch (close of conference)