

Preliminary programme

Chromium ESG Technical Summit

Luleå, Sweden

18 – 19 October 2023

With the support of



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Achieving the highest standards of ESG compliance is key for companies to succeed and deliver responsible products. Over the years, we have made sustainability and ESG a key focus of ICDA activities. We believe that we can all learn together and advance ESG compliance in the chrome industry and we are pleased to invite you to the first ESG Technical Summit dedicated to chrome industry professionals. The event will include a one-day technical tour at Swerim AB and Envigas which are leading fossil-free and BioCarbon Research Institutes.

To register please contact our team at admin-events@icdacr.com, number of seats for the event is limited.

The fee for attending is 750 € to cover for organisational costs.

Schedule

18 October 2023

- 07:45 – 08:30 ▶ Registration desk
- 08:30 – 09:15 ▶ Opening session
 - Opening address – ICDA’s commitment to ESG
Dirk Radermacher, Elektrowerk Weisweiler GmbH, ICDA ESG Committee Chairperson, Germany
 - Responsible sponsor address - Sustainable development of Kazchrome
Serik Shakhazhanov, Kazchrome, Kazakhstan
- 09:15 – 10:15 ▶ Keynote session – Lowering direct emissions in ferrochrome with biochar
 - Towards Sustainable FeCr Industry: Developing biocarbon-chromite briquette for Submerged Arc Furnace
Dr Elsayed Mousa, Swerim AB, Sweden
 - High quality Biocarbon for metallurgic use
Tobias Brink, Envigas, Sweden
- 10:15 – 10:45 ▶ Coffee break
- 10:45 – 12:45 ▶ Ferrochrome production - how we monitor and reduce our carbon footprint
 - The EU Carbon Border Adjustment Mechanism, how it will impact ferrochrome producers in and outside of Europe
Bob Lambrechts, Euroalliances, Belgium
 - LCA performance of the LC and HC FeCr industry, latest data and presentation of the LCA calculation tool developed by Sphera for ICDA Members
Dr Johannes Gediga, Sphera, Germany
 - Ambitious targets as key drivers in green transition - Story about Outokumpu’s sustainable ferrochrome and mining practices
Niina Vaara, Outokumpu, Finland
 - Low carbon footprint ferrochrome production with Metso Outotec technology
Lauri Närhi, Metso Outotec, Finland



- 12:45 – 13:45 ▶ **Lunch**
- 13:45 – 15:15 ▶ **Managing Human Right factors across the chromium value chain - workshop**
 - **Setting the stage:** Sandra Adler, Enact, Sweden
 - Why is respecting human rights important for the Chromium industry?
 - » The business case – highlighting both risk threats and opportunities.
 - » Reflection exercise with audience
 - » International and EU regulation
 - » International standards, EU regulation – boiling it down to the essence
 - The mining sector
 - » Industry good practice
 - **Implementing it into practice:** Roger Branigin, Enact, USA
 - Highlighting a few examples of what human rights due diligence looks like in practice
 - » HRIAs in chromium
 - » Risk management integration
 - » Learnings and lessons for others
 - Workshop with smaller break-out groups to discuss key practical topics on HRDD; what is being done, what remains, next steps
 - **The road ahead for human rights in the Chromium industry**
- 15:15 – 15:45 ▶ **Coffee break**
- 15:45 – 17:15 ▶ **Sustainable initiatives**
 - **Sustainability of the workforce**
Colette Sellers, AMG Chrome, United Kingdom
 - **Use of solar resources to decarbonize the FeCr industry electricity needs, how will ATIFC reach carbon neutrality in the coming decades**
Melwyn Lobo, Al Tamman Indsil Ferrochrome, Sultanate of Oman
 - **New utilization of FeCr slag contributing to circular economy**
Dirk Radermacher, Elektrowerk Weisweiler GmbH, Germany
 - **Turning sustainability and climate plans into real actions**
Anastasia Kuskova, Sirius, The Netherlands
- 19:15 ▶ **Assemble in the lobby to go to dinner venue (within a walking distance)**
- 19:30 – 22:00 ▶ **Welcome dinner**



19 October 2023 – Technical tour

Participation to the technical tour is included in the registration fee, delegates are automatically registered for the :tour. Swerim AB is a metals research institute which conducts needs-based industrial research and development concerning metals and their route from raw materials to finished product. Their vision is a fossil-free and circular industry. Envigas is providing solutions to replace the extensive use of coal with BioCarbon to enable fossil free ferroalloys and steel production. Envigas is the first large-scale producer of Biocarbon in the Nordics, helping the shift towards a more environmentally friendly steel industry.

- 08:30 ▶ **Assemble in hotel lobby for departure by bus (transport arranged by the ICDA)**
- 08:45-09:00 ▶ **Departure and drive to Swerim site**
- 09:00-09:30 ▶ **Safety instruction and introduction presentation for Swerim**
- 09:30-10:30 ▶ **Tour to Swerim pilot facilities**
- 10:30-11:00 ▶ **Gathering back at conference room for summary and Q&A**
- 11:00-12:30 ▶ **Drive from Luleå To Skellefteå**
- 12:30-13:30 ▶ **Lunch in Skellefteå**
- 13:30-14:00 ▶ **Drive to Envigas**
- 14:00-16:00 ▶ **Safety instruction and site visit at Envigas**
- 16:00-17:30 ▶ **Drive back to Luleå Hotel**