

AGENDA

May 25-26, 2022

Science North

100 Ramsey Lake Rd, Sudbury, ON

Day 1 Welcome Dinner – Wednesday, May 25th

- 5:00 p.m. **Registration**
Vale Cavern, Science North
- 5:47 p.m. **Opening Ceremony and Land Acknowledgement**
- 6:05 p.m. **Dinner**
- 6:45 p.m. **Remarks**
Viviane Lapointe, Member of Parliament for Sudbury
- 6:50 p.m. **Conference Opening Address**
Julie Dabrusin, Member of Parliament for Toronto-Danforth, Parliamentary Secretary to the Minister of Natural Resources and Parliamentary Secretary to the Minister of Environment and Climate Change
- 7:10 p.m. **Remarks**
Marc Serré, Member of Parliament for Nickel Belt, and Parliamentary Secretary to the Minister of Official Languages
- 7:15 p.m. **Hidden Depths: Electric Mines and the Transition to Battery Electric Vehicles in Mining**
Peter Xavier, Vice President, Glencore Sudbury Integrated Nickel Operations
- 7:45 p.m. **Vale's Low Carbon Journey and the Green Energy Vehicle Program**
Glen Watson, Sustainability and Regulatory Affairs; Vale North Atlantic Operations
Alex Mulloy, BEV Program Lead, Vale Base Metals
- 8:15 p.m. **Closing Remarks**

Conference partners | Événement présenté par :



Day 2 AM Conference Sessions - Thursday, May 26th

- 7:45 a.m. **Registration and Coffee**
- 8:20 a.m. **Welcome and Introductions: From Mining Town to Global BEV Player**
Conference Chair – Stephen Gravel, Manager, Centre for Smart Mining, Cambrian College
- 8:35 a.m. **Remarks**
Mayor, City of Greater Sudbury
- 8:40 a.m. **Seizing the Opportunity – Completing Canada’s Full BEV Supply Chain**
Matthew Fortier, President and CEO, Accelerate - Canada’s ZEV Supply Chain Alliance
- 9:00 a.m. **“EVs are here, you just don’t know it yet!” Driving Consumer Adoption of Battery Electric Vehicles**
- Presentations and Panel Participants:**
David Adams, President, Global Automakers of Canada
Frédérique Bouchard, Senior Advisor Public Affairs, FLO EV Charging
Nino Di Cara, Founder & President, Electric Autonomy Canada
Suzanne Goldberg, Director, Public Policy and North American Carbon Markets, ChargePoint
Bora Plumptre, Research Director, Electric Mobility Canada
- Session Chair:**
Wilf Steimle, President, Electric Vehicle Society
- 9:45 a.m. **Greater Sudbury’s ‘Electric Road’ to Net Zero**
Dr. Jennifer Babin-Fenske, Climate Change Coordinator
Brendan Adair, Director of Transit, City of Greater Sudbury
- 10:10 a.m. **Morning Coffee Break and Networking Opportunity**
- 10:30 a.m. **Extracting Battery Materials from Mine Waste**
Dr. Nadia Mykytczuk, Interim President/CEO MIRARCO; Interim Executive Director Goodman School of Mines
- 10:50 a.m. **Bridging the Critical Minerals Supply Gap - Northern Ontario as a Global Battery Metals Hub**

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Presentations and Panel Participants:*Trevor Walker, President & CEO, Frontier Lithium**Sari Muinonen, Custom Feed Manager, Smelter, Glencore Sudbury Integrated Nickel Operations**Stephen Flewelling, Chief Development Officer, Noront Resources**Adam MacMillan, Manager of Strategy and Strategic Projects, Vale Base Metals***Session Chair:***Marc Boissonneault, Global Mining and Metals Executive; Director, Board of Directors, Frontier Lithium*

12:00 a.m.

Networking Lunch

During lunch, delegates are encouraged to visit the display of battery electric vehicles and partner displays in the Science North courtyard.

Day 2 PM Conference Sessions – Thursday, May 26th

1:30 p.m.

Inspiring Inclusive Partnerships for the Clean and Sustainable Mining of Green Metals in Northern Ontario**Presentations and Panel Participants:***Gimaa Craig Nootchtai, Atikameksheng Anishnawbek**Chief Larry Roque, Wahnapiatae First Nation**Chief Alan Ozawanimki, Sagamok Anishnawbek**Curtis Assance, Director of Lands and Economic Development, Atikameksheng Anishnawbek**Anthony Laforge, Director Lands and Resources, Wahnapiatae First Nation***Session Chair:***Emma Jarratt, Managing Editor, Electric Autonomy Canada*

2:15 p.m.

Driving the Future of Transportation in Ontario*Raed Kadri, Vice-President, Strategic Initiatives and Business Development, Head of the Ontario Vehicle Innovation Network (OVIN) (video message)**Dan Ruby, Sector Manager, Automotive and Mobility Innovation, Ontario Vehicle Innovation Network (OVIN)**Don Duval, CEO, NORCAT*

2:45 p.m.

Afternoon Coffee Break and Networking Opportunity

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- 3:00 p.m. **Time to Get it Right: Integrating Mining and Manufacturing through EV Technology**
Brendan Sweeney, Managing Director, Trillium Network for Advanced Manufacturing
- 3:20 p.m. **Electrification Trends in the Automotive Industry**
David Adams, President, Global Automakers of Canada
Matthew Fortier, President and CEO Accelerate – Canadas's ZEV Supply Chain Alliance
Warren Ali, Senior Vice President, Innovation, Auto Parts Manufacturing Association – APMA
- 4:20 p.m. **Meeting the Demand for BEV Talent**
Julie Nadeau, Director of Business Development, Collège Boréal
Stephen Gravel, Manager, Centre for Smart Mining, Cambrian College
- 4:40 p.m. **Chair's Closing Remarks**
- 4:50 p.m. **Closing Reception**
Science North Courtyard (sponsorship opportunities)
Final opportunity for delegates to visit the battery electric vehicles and partners displays

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POST CONFERENCE LOCAL TOURS

Friday, May 27, 2022

Science North, Sudbury, Ontario

Tour Option 1: BEVs in Mining and Dynamic Earth

When: Transportation from Science North Parking lot departing at **8:30 a.m.** and returning **12:30 p.m.**

Where: MacLean Engineering, Kovatera and Dynamic Earth (Big Nickel)

Overview: A unique opportunity to visit two local companies engaged in cutting-edge adoption of innovative battery electric vehicle technology for the underground mining sector globally, in turn supporting the transition to 'green', sustainable and more efficient electric mining operations.

The tour will commence at [MacLean Engineering](#) where participants will experience mining innovation and world class technology at their Research and Demonstration Facility in Lively, Ontario. Equipment and technology demonstrations will be on hand for both surface and underground operations and participants will be taken on a short tour of MacLean's R&D mine facility via a battery electric personnel carrier.

The second stop on the tour will be to [Kovatera](#), a privately owned Canadian corporation located in Sudbury, Ontario, the hub of underground mining in Canada. Kovatera specializes in the manufacturing of purpose built electric or diesel utility vehicles for underground mining. The facility includes a robust after sales parts and service support operation to ensure total satisfaction for their global customers.

The final leg of the tour will include a brief visit to Sudbury's [Dynamic Earth](#) Science Centre and the iconic Big Nickel. Highlights include the MacLeod Earth Gallery, the Epiroc Theatre, the Mineral Wall, as well as a short multi-media presentation, Nickel City Stories, that highlights Sudbury's evolution from rocks to riches.

Please note that this tour is limited to 24 participants. There is no additional cost for conference delegates to participants. To confirm your space, please contact Scott Rennie at scott.rennie@greatersudbury.ca or Elena Zabudskaya at elena.zabudskaya@greatersudbury.ca

Conference partners | Événement présenté par :



Tour Option 2: NORCAT Underground Centre and HARD-LINE

When: Transportation from Science North Parking lot departing at **8:15 a.m.** and returning **12:40 p.m.**

Where: NORCAT Underground Centre and HARD-LINE

Overview: As a slightly longer tour option, participants will have the opportunity to tour an operating mine at the NORCAT Underground Centre, including demonstrations of cutting-edge technology deployed in today's mining operations, followed by a visit to Sudbury's HARD-LINE who specializes in automation, teleoperation, and remote-control technology for heavy machinery.

The [NORCAT Underground Centre](#) is an underground operating mine that serves as both an innovation and training centre providing two services: technology development, testing, and demonstration; and experiential hands-on training and development. The Centre is a showcase for mine innovation by both local and international suppliers as well as a unique opportunity to visit a modern mine.

Established in 1996, in Sudbury, [HARD-LINE](#) develops innovative products from the ground up, using years of experience in mining, electronics, electrical, and mechanical design. No matter what type, make or model of machinery, HARD-LINE can configure it to operate remotely. This stop will include a tour of their manufacturing and service facility at their head quarters in Dowling, ON about 10 minutes from the NORCAT Underground Centre.

Please note that this tour is limited to 22 participants. There is no additional cost for conference delegates to participants. To confirm your space, please contact Scott Rennie at scott.rennie@greatersudbury.ca or Elena Zabudskaya at elena.zabudskaya@greatersudbury.ca

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