

April 30<sup>th</sup>, 2024

## C2M2A — Progress Report #9

Thank you to all for your continued and enthusiastic interest in the Canadian Critical Minerals & Materials Alliance. We are pleased to report on the significant initiatives undertaken since our last Report #8 dated January 8th, 2024.

### Canadian Partnerships & Speaking Engagements

- [Hannover Messe](#) April 27<sup>th</sup> – May 7<sup>th</sup>: The world’s largest technology-focused trade show attracting over 100,000 attendees. Our partnership with Accelerate ZEV allowed interested C2M2A members to participate at significantly reduced cost. We look forward to hearing C2M2A member SRC who attended this year as Canada will be the ‘feature country’ in 2025!
- [CIM Rocks & Stocks](#) Jan 17<sup>th</sup>: Marilyn Spink presented the work of C2M2A as a panelist for the session “Policy Landscape Across Canada, Challenges & Opportunities - Takeaways from Industry”.
- [Foresight Canada](#) Mar 21<sup>st</sup>: Marilyn Spink brought C2M2A’s message to the forefront of a panel discussion on “Mining CSR Trends”, an extremely dynamic topic which industry will need to adapt and respond to.
- ‘G7 plus’ and Critical Materials & Minerals: Canada will be hosting the next meeting of the G7+EU+Australia Conference on Critical Materials and Minerals (CCMM) in Ottawa this June. C2M2A & the Canadian Chamber of Commerce (CCC) were successful in securing and is working with the Canadian Government organizers to structure a two-hour Industry Segment that will provide an opportunity for non-government stakeholders to share priorities with CCMM members. It will feature presentations and two moderated panels with policy, technical and financial experts, an industry innovation showcase followed by Q&A and open discussion. The primary objective is to provide space for industry experts to prioritize issues (e.g., financing bottlenecks, innovative approaches and disruptive technologies, supply chain sourcing issues, etc.). Congratulation to David Anonychuk of C2M2A member SGS Canada for recently being appointed Co-Chair of the CCC’s Critical Materials Council.
- GoC Security Briefing – Has been confirmed for the morning of June 19<sup>th</sup> (hybrid format): The Government GoC has heard industry stakeholders call for a briefing outlining measures to improve critical mineral supply chain security. There are a range of security-related issues confronting Canadian industry, operating domestically and abroad, in this sector, including for example: foreign investment, acquisitions, and partnerships; and protection of intellectual property. [RSVP by May 23<sup>rd</sup> to Jonathan Terkel @NRC.](#)
- [Energy Transition Metals Summit](#) Washington DC April 29<sup>th</sup> & 30<sup>th</sup>: Ian London served on a panel along side Tina Jeffress, Group Manager, Panasonic, Alex Fitzsimmons, Head of Government Affairs, Sila and Martin Turenne, CEO FPX Nickel addressing The Missing Middle: Who are midstream players and what do they want from producers? The program agenda can be found by clicking on the graphic below:



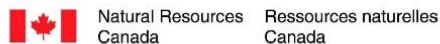
- University of Waterloo & CM Sustainability: Under the leadership of Professor Steven Young, School of Environment, Enterprise & Development was awarded a \$1 million NSREC grant over five-years for Lumet, an academic/industry consortium aimed to 'illuminate' the sustainability of critical minerals value-chains using data-intensive sustainability science and metallurgical process modeling to advance. This initiative is intended to support business and policy decisions in response to the increasing demand for sustainable and responsible materials from downstream manufacturers and governments to address the challenges of multiple and inconsistent sustainability standards, systems, and regulations that require environmental, social and governance practices. Lumet's initiative is to improve production efficiency, value-chain due diligence, responsible sourcing, and carbon accounting. C2M2A to serve on project review panel.



- University of Saskatchewan – Chemistry 377: C2M2A's Ian London and SGS's David Anonychuk delivered a lecture to a class of 29 undergraduates supported by several post-grads & professors addressing Canada's Critical Materials & Materials Strategy, opportunities yet significant challenges for Canada (e.g., process technology & advanced manufacturing, private & public investment, policy, sustainability, talent pools – expertise & experience) and global competition and shared insights around some of the challenges and reality/experiences of translating theoretical and laboratory chemistry/metallurgy to economic industrial processing facilities.



- Canada's [CanmetMATERIALS \(CMAT\)](#): C2M2A, in collaboration with two independent workshop facilitators, is helping shape CMAT's mid- and downstream Critical Materials Strategy & Research Project Priorities to align with industry's nearer and longer-term needs. A series of invite only in-person workshops with OEM's, Recyclers and Materials producers are planned for late May with the goal of obtaining industry feedback on the technical gaps and challenges within Canadian critical material value chains and to discuss opportunities to bridge those gaps through collaboration with federal research & development.



Canada

CanmetMATERIALS / CanmetMATÉRIAUX

### **Global Standards Initiatives**

- Working with the Standards Council of Canada, the CSA Group, and NRCan's Critical Minerals Center of Excellence to ensure Canada's active participation in advancing current and anticipated global critical materials standards. ISO/TC 298 (rare earths), ISO/TC 333 (lithium), IWA 45 (Sustainable Critical Material Supply Chains), and recently launched ISO/TC 345 (critical materials other than lithium & rare earths) soon-to-be launched ISO/TC 348 (sustainability & critical materials).
- Related to the above IWA and ISO/TC 348 initiatives, Germany, who are the designated convener of TC 348, has issued a relatively short [survey](#) (5-8 minutes to complete) to gather input from stakeholders in the raw materials sector.



### **Current Industry Consultations**

- The Canadian Sustainability Standards Board, under the Financial Reporting & Assurance Standards Canada ([FRAS Canada](#)) has announced the first Canadian Sustainability Disclosure Standards, S1 & S2, for [Public Consultation](#). Comments are due June 10<sup>th</sup>, 2024.
- The [U.S. Department of Energy's \(DOE\) Office of Manufacturing and Energy Supply Chains \(MESC\)](#) released a [Request for Information \(RFI\)](#) to better understand market dynamics & price volatility in critical minerals materials processing, refining, and recycling and how the US federal government can play a role in supporting market stability and price transparency. MESC is seeking input from critical material developers, investors, and other stakeholders on current market dynamics and potential sources of non-competitive practices that may be leading to price volatility and other challenging operating conditions.

### **Advocacy to Deepen Canada's Talent Pool**

- C2M2A is in the initial stages of liaising with a 3<sup>rd</sup> Party working with Euromines & Eurometaux (of which there are Canadian members) to address their industry association strategies, a pillar of which is to deepen the talent pools.

### **Media**

- BSI Podcast – [Half-hour fireside chat between Ian London & Gareth Hatch](#) February 28<sup>th</sup>, 2024
- Wall Street Journal & Invest Canada – Interview with Ian London as part of Invest Canada's marketing campaign in the US market, focusing on Critical Minerals and Energy Transition
- C2M2A has recently set-up a [Linked-In page](#) which shares its and other postings more broadly. The page currently has 134 followers, gaining thirty in the last 30 days. As a member benefit, LI posts made by C2M2A Member companies are reposted by C2M2A resulting in a broader audience.

### **Industry Resources & Support**

- [RXN HUB](#) is an institution dedicated to enabling the commercialization of chemistry-enabled technologies that address complex sustainability challenges. By providing support to the chemtech sector, RXN HUB specializes in scaling up and piloting advanced materials, energy and energy storage solutions, biomanufacturing, and green chemistry practices.
- [Foresight Canada](#) is a comprehensive Canadian cleantech ecosystem stimulating collaboration between innovators, investors, industry, government, and academia to drive innovation and lead Canada's inclusive and green transition.

- [Palette Skills](#) has developed a partner registration & funding application process designed to continuously capture interest, fast-track project proposals, and advance talent solutions based on employer demand.

**Upcoming Conferences**

- The world respected, bi-annual [Critical Materials Symposium at CIM's Conference of Metallurgists](#), is set for Aug 19<sup>th</sup> – 22<sup>nd</sup>, 2024 in Halifax, Canada and is dedicated in the memory of our much-valued colleague Joe Ferron.



- The [Rare Earth Industry Association \(REIA\)'s Annual Conference](#) is set for June 19<sup>th</sup> & 20<sup>th</sup> in Tokyo. Speakers include Dr. Masato Sagawa, the inventor the sintered NdFeB magnet and advisor to Daido Steel; Tom O'Leary, CEO of Iluka Resources; Philippe Kehren, CEO of Solvay, and Daan de Jonge of Benchmark Mineral Intelligence. The conference, to take place at the JOGMEC headquarters, attracts stakeholders from across the upstream to the downstream.



Here's to a healthy, happy, and safe spring & summer and to significant advances toward Canada's critical materials success.



Ian M London PEng MBA  
Executive Director



Marilyn Spink, P.Eng., FCAE, ICD.D  
Director, Operations