

# Summary: Mines to Market - Advancing Robust Battery Ecosystems in Nevada & Canada

On June 20, 2024, the Battery Metals Association of Canada (BMAC) co-hosted an engaging 90-minute webinar in collaboration with the Nevada Governor's Office of Economic Development (GOED) and the Nevada Battery Coalition (NBC).

The purpose of the webinar was to bring together stakeholders from the battery ecosystems in Nevada and Canada to share and learn about developments in the regions, and to provide a platform to identify opportunities for partnerships and collaboration going forward.

The agenda included presentations on Nevada's evolving lithium loop, economic development opportunities, and research initiatives, as well as Canada's battery industry and regional hubs.

**The webinar was moderated by:** Amanda J. Flocchini ([aflocchini@goed.nv.gov](mailto:aflocchini@goed.nv.gov)) Nevada GOED

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## Nevada's Lithium Loop (02:29)

- Karsten Heise ([kheise@goed.nv.gov](mailto:kheise@goed.nv.gov)), Nevada GOED, presents:
  - Economic development plans centered around lithium
  - The importance of public-private partnerships
  - Nevada's strategic location and entrepreneurial culture

## Lithium Supply Chain in Nevada (16:55)

- Caleb Cage ([caleb.cage@arcdomestrategies.com](mailto:caleb.cage@arcdomestrategies.com)), Nevada Battery Coalition, shares insights into federal programs driving innovation:
  - Technology Readiness and commercialization
  - The NSF Engines award
  - Initiatives fostering economic development

## Regional Technology and Innovation Hub (24:47)

- Fred Steinmann ([fred@unr.edu](mailto:fred@unr.edu)), University of Nevada Reno, discusses the components of the lithium supply chain:
  - Exploration, extraction, and processing
  - Battery manufacturing
  - Recycling and reuse
  - Nevada experiences employment growth due to the lithium industry
  - Opportunities for input substitution enhance sustainability

## Regional Economic Development in Canada (39:43)

- Jennifer Stelzer ([Jennifer.Stelzer@prairiescan.gc.ca](mailto:Jennifer.Stelzer@prairiescan.gc.ca)), Prairies Economic Development Canada, shares insights on the Canadian Battery Industry including:
  - Investments in Saskatchewan
  - Rare Earth element processing
  - Research and development initiatives

## Canada's Battery Value Chain (51:58)

- Sean De Vries ([Sean@bmacanada.org](mailto:Sean@bmacanada.org)), BMAC, discusses the vision for Canada's Battery Value Chain:
  - The opportunities and demand
  - Industry Ecosystem Map
  - Hubs of activity across the country

## Canada's Critical Battery Materials Initiative (1:06:18)

- Lawrence Charlebois ([Lawrence.Charlebois@nrc-cnrc.gc.ca](mailto:Lawrence.Charlebois@nrc-cnrc.gc.ca)), National Research Council of Canada's Critical Battery Materials Initiative, presents:
  - Government support of research, development, and industry
  - Industrial Research Assistance Program (IRAP)