



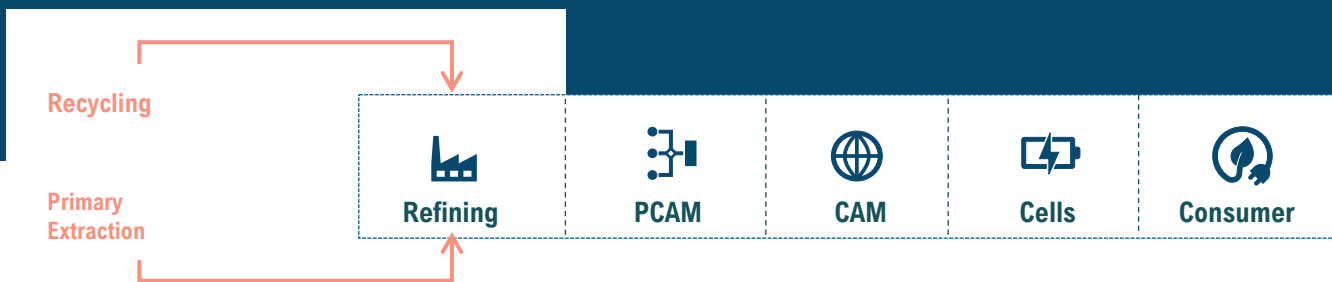
# Electra's Edge: Securing the Future of North America's Battery Materials Supply Chain

Electra is securing North America's battery materials supply by delivering the region's midstream processing capabilities.

Backed by investment from the U.S. and Canadian governments, Electra is currently focused on the fully funded construction of North America's first cobalt sulfate refinery in Ontario, to supply the lithium-ion battery market, with commissioning due for 2027.



Strategically positioned within the midstream of North America's critical minerals supply chain



Capable of processing material from mines and recycled battery scrap from manufacturing, with near-term operations focused on converting feedstock into battery-grade products

Initial feedstock can potentially be supplemented with domestic North American sources as supply becomes available

With China supplying ~80% of refined cobalt and remainder committed primarily to Europe, alternatives are limited. Electra is building North America's only cobalt refinery to establish a domestic supply

## North American's First Cobalt Refinery

Funded & fully permitted,  
with construction underway  
for 2027 commissioning



China dominates ~90% of global cobalt sulfate production today

North America's first cobalt sulfate refinery and only the second outside Chinese control

Strategic partnerships secured to support long-term production and supply stability

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01

Production capacity for up to **6,500 tonnes** of battery-grade cobalt sulfate per annum

02

**100+** year operating life

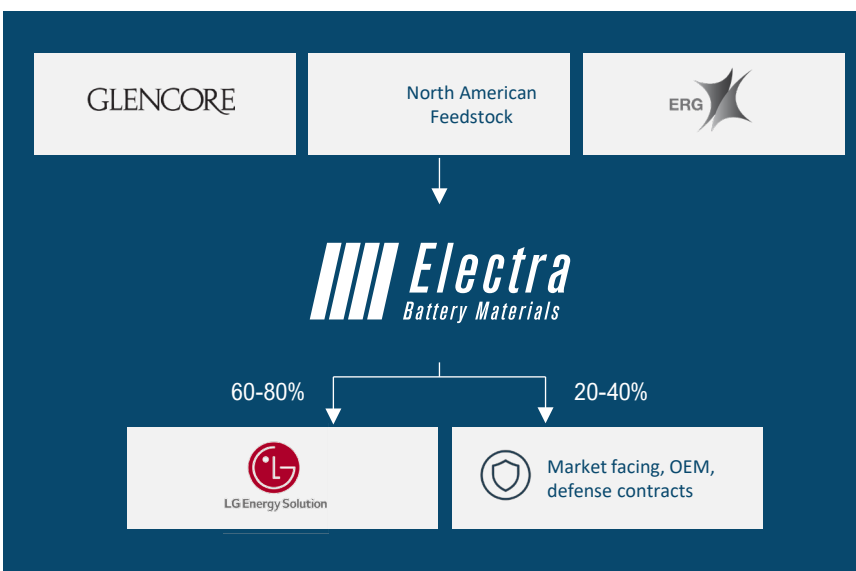
03

Fully permitted and funded with US **\$80m** of project funding committed and construction underway

04

Government backed including support from the **U.S. Department of War, Government of Canada, and Province of Ontario**

## Offtake and supply agreements in place

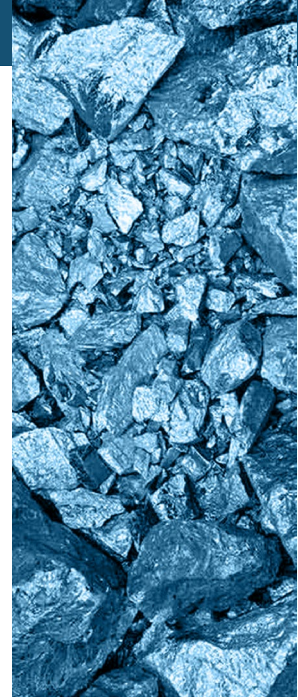
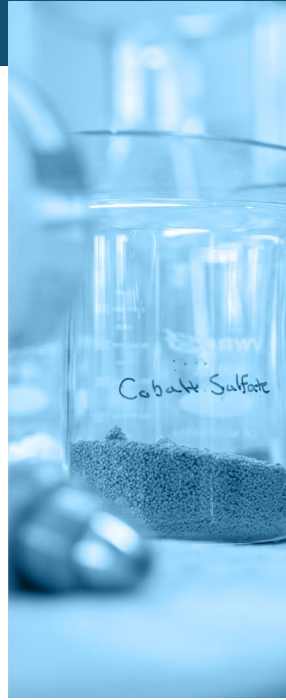
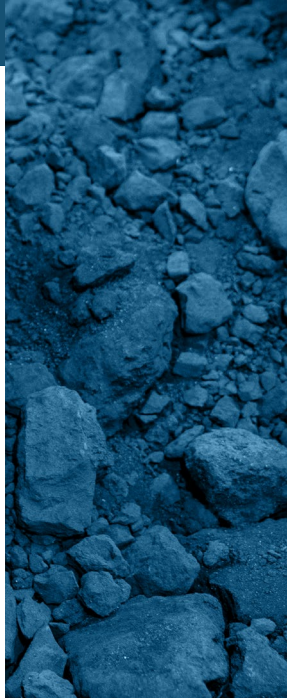


\$700 million offtake agreement with LG Energy Solution in place for 60-80% of production over a five-year period

Commercial agreements in place with Glencore and Eurasian Resources Group for initial feedstock requirements

Potential to incorporate North American feedstocks, including cobalt from the Idaho Cobalt Belt

## Pipeline of growth projects offers optionality



### Idaho Cobalt Assets

Advancing domestic cobalt copper feedstock opportunities to complement Ontario refinery

### Recycling

Feasibility study underway for scalable, industrial operation

Aki Battery Recycling JV to provide shredded black mass feedstock

### Bécancour Cobalt Processing

Opportunity for battery grade cobalt sulfate (metal dissolution) in Quebec

### North American Nickel

Potential for North American battery grade nickel sulfate refinery capacity



**Strong leadership team with significant expertise in national security, critical minerals & defense**



**David Stetson**

Chairman  
Former CEO Alpha  
Metallurgical Resources

20+ years as a seasoned executive in mining and finance driving disciplined growth in critical minerals



**John Pollesel**

Lead Director

Former CEO, Boreal  
Agrominerals Inc

35+ years of experience, former Vale & Finning exec, serving on multiple boards & guiding major projects



**Trent Mell**

CEO and Director

25+ years in global mining & finance, leading the buildout of North America's first battery-grade cobalt refinery



**Jody Thomas**

Director

Former National Security & Intelligence Advisor

30+ years in national security and intelligence leading strategic and defense initiatives



**Gerard Hueber**

Director

Retired, Rear Admiral, US Navy

30+ years in defense strategy and global operations advancing supply chain resilience and securityDavid Stetson



**Alden Greenhouse**

Director

VP, Critical & Strategic Minerals, Agnico Eagle Mines

25+ years in mining & finance leading strategic and critical minerals initiatives



**Susan Uthayakumar**

MD, Chief Energy & Sustainability Officer, Prologis

20+ years leading global energy & ESG efforts; former President, Schneider Electric Sustainability



ELBM: NASDAQ \$0.91 (0.00%) | ELBM: TSX.V \$1.29 (+2.38%)

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[Info@ElectraBMC.com](mailto:Info@ElectraBMC.com)

+1 416 900 3891

[www.ElectraBMC.com](http://www.ElectraBMC.com)

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Heather Smiles, VP Investor Relations & Corporate Development