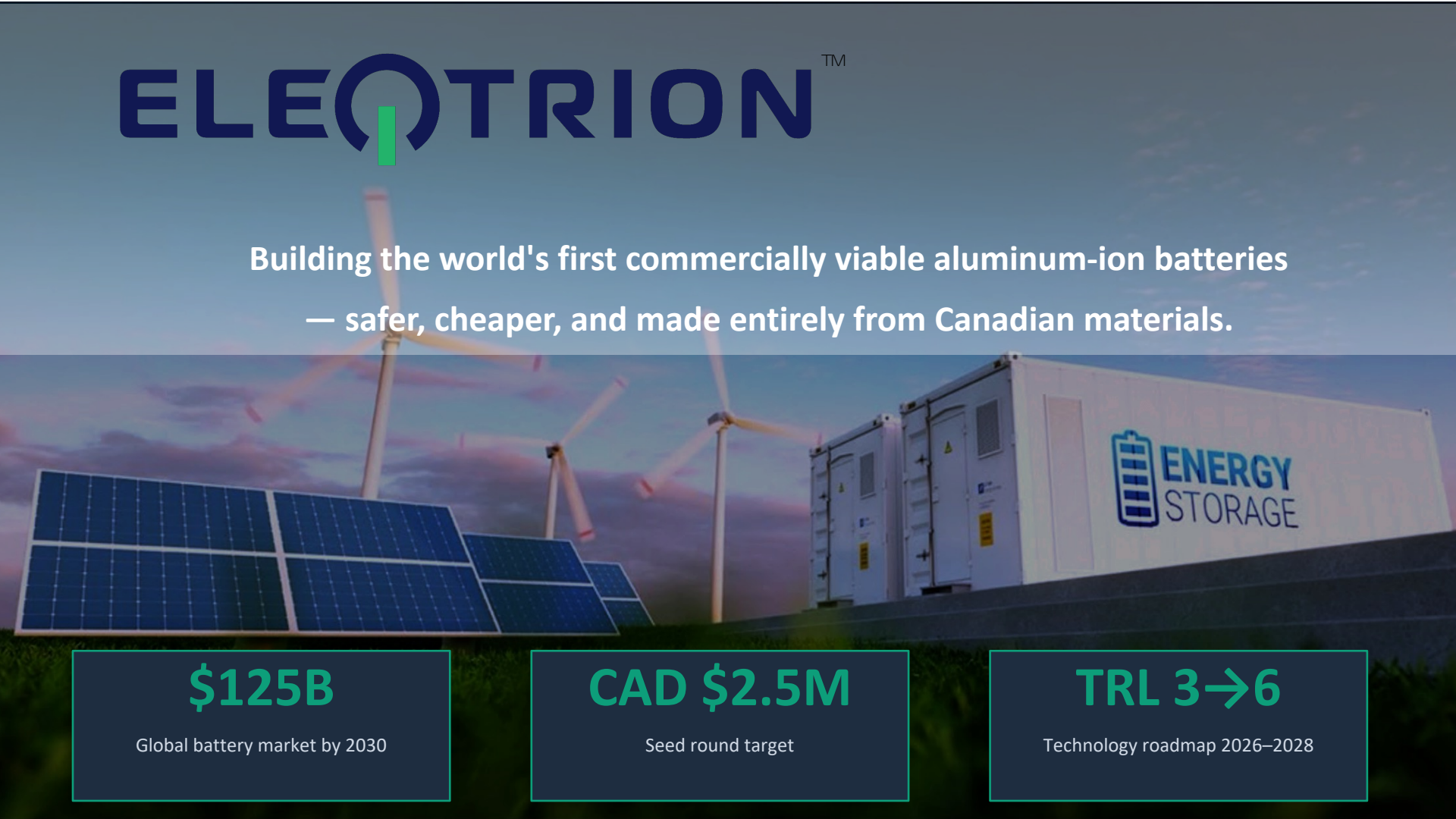
ELECTRION™

Building the world's first commercially viable aluminum-ion batteries — safer, cheaper, and made entirely from Canadian materials.



$125B	CAD $2.5M	TRL 3→6
Global battery market by 2030	Seed round target	Technology roadmap 2026–2028

THE PROBLEM

The World Needs Better Batteries — And Lithium Can't Deliver

Supply chain crisis

Lithium, cobalt & nickel prices have swung up to 600% in a single year, making battery cost unpredictable for grid operators, automakers, and defense buyers.

Safety failures

Lithium thermal runaway causes ~65,000 battery fires annually worldwide. A single incident grounds fleets, voids insurance and kills contracts.

Geopolitical dependency

Over 80% of critical battery minerals are controlled by China. Canada has zero domestic lithium battery supply chain — a $12B annual import exposure.

$125B grid storage gap

Grid-scale storage demand will triple by 2030. No cost-effective, fire-safe, large-format battery exists today for long-duration storage.

THE SOLUTION

Aluminum-Ion: Nature's Answer to the Battery Problem

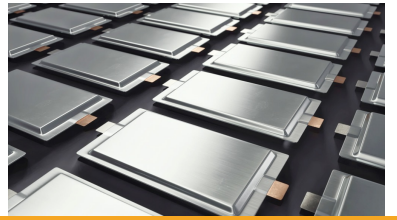
Why aluminum?

- 3rd most abundant element on Earth — virtually unlimited supply
- 100% recyclable with established recycling infrastructure
- Inherently fire-resistant — no thermal runaway risk
- 90% of Canada's aluminum produced in Québec using clean hydro
- Manufacturing process similar to lithium — no new factory blueprint needed

	Al-ion (Eleqtrion)	Li-ion
Raw material cost	Very Low	High / volatile
Thermal runaway risk	None	Significant
Supply chain location	Canada / local	China-dependent
Recyclability	100%	~5%
Environmental footprint	Low	High (mining)

PRODUCTS

Two Products. Two Massive Markets. One Format.



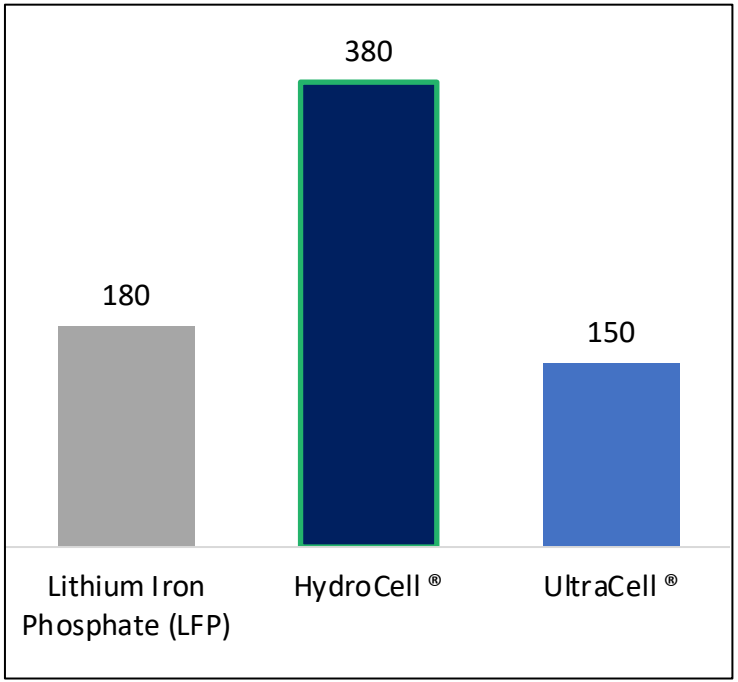
HYDROCELL™

Energy-Oriented Battery

- Grid-scale energy storage
- Solar & wind farm backup
- Remote community microgrids
- Data center UPS systems
- First Nations off-grid power

Target: $100B energy storage market

Energy density [Wh/kg]



ULTRACELL™

Power-Oriented Battery

- Defense & military applications
- Agricultural & remote equipment
- Marine & offshore power
- Healthcare in remote areas
- Fast-charging industrial tools

Target: $25B data center + defense market

TRACTION

Proof Points That Matter to Investors

Mar 2023

Founded

Eleqtrion incorporated in Montréal

Sep 2024

Accelerator

Joined Cycle Momentum cleantech accelerator

Q1 2026

HQ Partnership

Joint Development Agreement signed with Hydro-Québec / IREQ

Jan 2024

First coin cell

First functional Al-ion coin cell produced

Mar 2025

Pouch cell

First functional pouch cell achieved — major scale-up milestone

Fall 2026

First client LOI

First Letter of Intent from anchor customer under discussion

Philippe Couillard (31st Premier of Québec) joins as Chief Strategy Officer and Co-Founder

2025 Key Achievements

Nearly $1M in Quebec government grants secured (non-dilutive)
3-year renewal signed with ÉTS — new pouch-cell lab operational
NRC corrosion/passivation study agreement signed
PRIMA Québec membership — advanced materials network

Hydro-Québec Joint Development Agreement gives Eleqtrion co-ownership of IP developed at world-class IREQ labs.

MARKET

A $125+ Billion Total Addressable Market in 2030 Growing 25% Annually

$150M+
Obtainable AL-i battery market by 2030 for Stationary, Data Center and Microgrids (IEA Net Zero scenario)

25%
Annual market growth rate

TRL 3–6
Al-ion battery sector range (Eleqtrion targets TRL 6 by 2028)

	TAM / SAM / SOM
Stationary Energy storage (grid / solar / wind)	**$100B / $12-18B / $120-540M**
Data centers (UPS / backup)	**$10B / $1.2-1.8B / $12-54M**
Microgrids (remote residential, defense, health)	**$15B / $1.8-2.7B / $18-81M**

Source: IEA World Energy Outlook 2024; BloombergNEF Battery Market Outlook 2025, Goldman Sacks
SAM (12-18% addressable market for AIB's); SOM (1-3% realistic capture of SAM given early-stage commercialization)

BUSINESS MODEL

Three Revenue Streams, Starting in 2027

01

Battery sales

From Q4 2027

Direct sale of HydroCell and UltraCell batteries to grid operators, data center developers, defense contractors, and remote communities. Priced below lithium-ion equivalents while maintaining better margins due to aluminum's lower input cost.

02

IP licensing & royalties

From 2028

License Al-ion technology to manufacturers globally. Co-owned IP with Hydro-Québec creates a royalty stream on every unit produced under license. Precedent: comparable Al-ion IP deals valued $50M–$200M.

03

R&D services & samples

Starts 2026

SR&ED credits generate ~$500K/yr non-dilutive. Early sample deliveries under LOI generate revenue pre-commercialization. Funded R&D partnerships with NRC, ETS, UdeM offset burn rate.

GO-TO-MARKET

Created in Canada. Scale Globally.

Phase 1 · 2026

Validate & Anchor

- Convert LOI to signed pilot agreement with anchor client
- Market validation in 3 priority countries (Canada, USA, Brazil)
- Identify distribution partners in each target market
- IRAP + SDTC funding to support research & dev costs

Phase 2 · 2027

Sample & Prove

- Deliver commercial samples under LOI (KPI-based)
- Client feedback loop drives final product iteration
- Outsourced manufacturing — no capex requirement
- Target 3–5 paying pilot customers in energy + data sectors

Phase 3 · 2028+

Scale & License

- Full commercial delivery — contracted volumes
- IFI co-financing for Southern Hemisphere deployments
- License IP to regional battery manufacturers globally
- IPO or strategic acquisition path

COMPETITION

No Commercially Ready Al-Ion Competitor. Yet.

	Fire-safe	Local supply chain	Al-ion chemistry	Grid-scale capable	Canadian IP
ELEQTRION	✓	✓	✓	✓	✓
CATL (Li-ion)	✗	✗	✗	✓	✗
Tesla Megapack	✗	✗	✗	✓	✗
CATL (Na-ion)	✓	✗	✗	✗	✗
GMG (Al-ion, AU)	✓	✗	✓	✗	✗

Source: Public disclosures. Eleqtrion competitive analysis report available under NDA.

TEAM

World-Class Operators + Scientific Firepower

Executive team

William Reynolds

CEO & CFO

30+ yrs leading energy, mining & utility companies. Led $10B+ project financings & capital market financings across 3 continents. Former CFO of Britishvolt, a UK Lithium-Ion battery manufacturing unicorn.

Philippe Couillard

Chief Strategy Officer

31st Premier of Québec (2014–2018). Architected Quebec's battery manufacturing strategy. Direct government funding access.

Nathan Hostettler, PhD

Head of R&D

Materials scientist, PhD Mechanical Engineering. Specializes in carbon chemistry, aluminum & composites. Led R&D at multiple tech startups.

Robert Nadeau, Ing.

Chief Operations Officer

Civil engineer + ex-military. Led major construction in health, transport & energy. PMP certified.

Scientific & Strategic advisors

Dr. Gaixia Zhang — Battery design, ETS Engineering Research Chair, 100+ publications in next-gen batteries

Dr. Mickaël Dollé — UdeM Chemistry, electrochemistry & battery materials specialist

Ali Amadee — Chairman; Partner & National Head, Dentons Canada Batteries & Energy Storage Group

Dr. Sylvain Cloutier — Printed electronics & energy, ETS Dept Chair — $20M research infrastructure

Ben Wrightsman — 30 yrs battery tech + critical minerals recovery; advisory board member

R&D ROADMAP

TRL 3 → Commercialization by 2028

2026 (This round)

TRL 3 → 4

- Chemistry selection & baseline performance
- Multi-layer pouch cell prototype (Q4 2026)
- Anode, cathode, electrolyte optimization
- ETS, HQ-IREQ, UdeM & NRC parallel R&D workstreams

2027 (Seed 2 / Strategic)

TRL 4 → 5

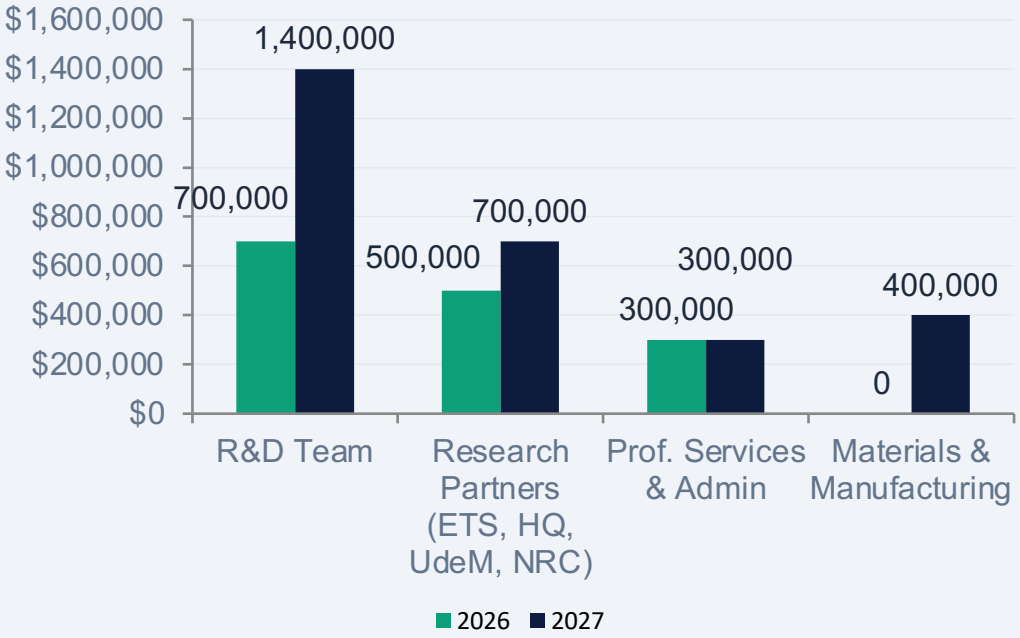
- Pilot-scale pouch cells
- Sample deliveries under LOI (KPI-gated)
- IP filing on key components
- Begin outsourced manufacturing engagement

2028 (IPO / Strategic)

TRL 5 → 6

- Commercial samples — client sign-off
- Contracted volume delivery (outsourced)
- Full IP portfolio established
- Revenue from battery sales + licensing

Use of Funds — CAD $2.5 Million Seed Round



Valuation & Capital Raised

Round	Amount	Valuation
Friends & Family	$500K equity	$15M
Grants (to date)	$700K non-dil.	—
Seed (this round)	**CAD $2.5M**	**$25M**
Strategic round	TBD 2027	$60–80M est.
IPO / Exit	TBD 2028+	$200M+ est.

Grant strategy

Eleqtrion is simultaneously pursuing NRC IRAP, SDTC, Investissement Québec, and SR&ED credits. Non-dilutive grants are expected to cover $1M+ of the 2026 budget, extending runway significantly.

Full financial model available under NDA. All figures in USD unless noted.

IP & PARTNERSHIPS

World-Class R&D Partners. 100% IP Control.

Hydro-Québec / IREQ

Joint Development Agreement

Co-owned IP on jointly developed technology. Eleqtrion holds exclusive worldwide commercial rights. Access to world-class battery research labs.

École de technologie supérieure (ÉTS)

3-Year Research Partnership

Access to $20M research infrastructure. 75% of ETS research is industry-linked. New pouch-cell lab operational 2026.

Université de Montréal

Research Agreement

Canada's leading chemistry research university. Studying AI cathode degradation & storage mechanisms. IP remains with Eleqtrion.

National Research Council (NRC)

Testing & Technical Services

Government of Canada's premier research lab. Studying corrosion & passivation of electrolytes. World-class analytical capabilities.

CQRDA / PRIMA Québec

Ecosystem & Co-Funding

Aluminum R&D hub connecting industry, academia and government. PRIMA network provides advanced materials expertise and funding access.

Dentons Canada

Legal & IP Partner

Ali Amadee — National Head, Batteries & Energy Storage Group. Manages all IP filings, R&D agreements, and investor legal documentation.

The Ask

Join Us in Building the Battery of the Future

CAD $2.5M
Seed round target

$25M
Pre-money valuation

2026
Close target date

This capital will:

- Advance Eleqtrion from TRL 3 to TRL 4 — the critical de-risking milestone for institutional investors
- Fund the multi-layer pouch cell prototype (Q4 2026) — the tangible proof point that unlocks Strategic Capital
- Build the R&D team and fund parallel workstreams at HQ-IREQ, ETS, UdeM, and NRC
- Complete international market validation in 3 priority countries

ELEQTRION™

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