

TURNING WASTE INTO VALUE

Investors Presentation – November 2025

GEO  **MEGA**

TSX-V: GMA | OTC: GOMRF

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CRITICAL METALS AREN'T RARE — THEY'RE MISPLACED

- The world needs sustainable access to REE, iron, and aluminum
- Industry generates billions of tons of residues with recoverable value
- Our mission: **turn industrial & mining waste streams into new resources**



THE GLOBAL SHIFT

- From extraction to **circular recovery**
- From dependency on China to sovereignty and transparency
- From laboratory promise to **industrial reality**

- Founded: 2008
- Operations: Boucherville & Saint-Hubert, Quebec
- Focus: **Clean-tech metallurgy & waste valorization**

EVERY PROCESS WE DESIGN BEGINS WITH DATA, ENDS WITH VALUE

- Proprietary hydrometallurgical processes
- Scalable, reagent-efficient systems
- De-risked scale-up path — **lab** → **pilot** → **demo** → **license**
- Key advantage: reagent recycling + polymetallic extraction

CORE TECHNOLOGIES

- **Iron Recovery & Valorization** – transforms residue into DR-grade iron ore
 - **Reagent Recycling** – captures & purifies chemical streams for reuse at over 95%
 - **Critical Metal Extraction & Refining** – extracts REEs, Sc, Ti, Ga
 - **Process Heat Recovery** – optimizes energy recovery for process efficiency
 - **H₂ Production** – from process integration, enabling low-emission loops
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THE CIRCULAR METALLURGY ENGINE

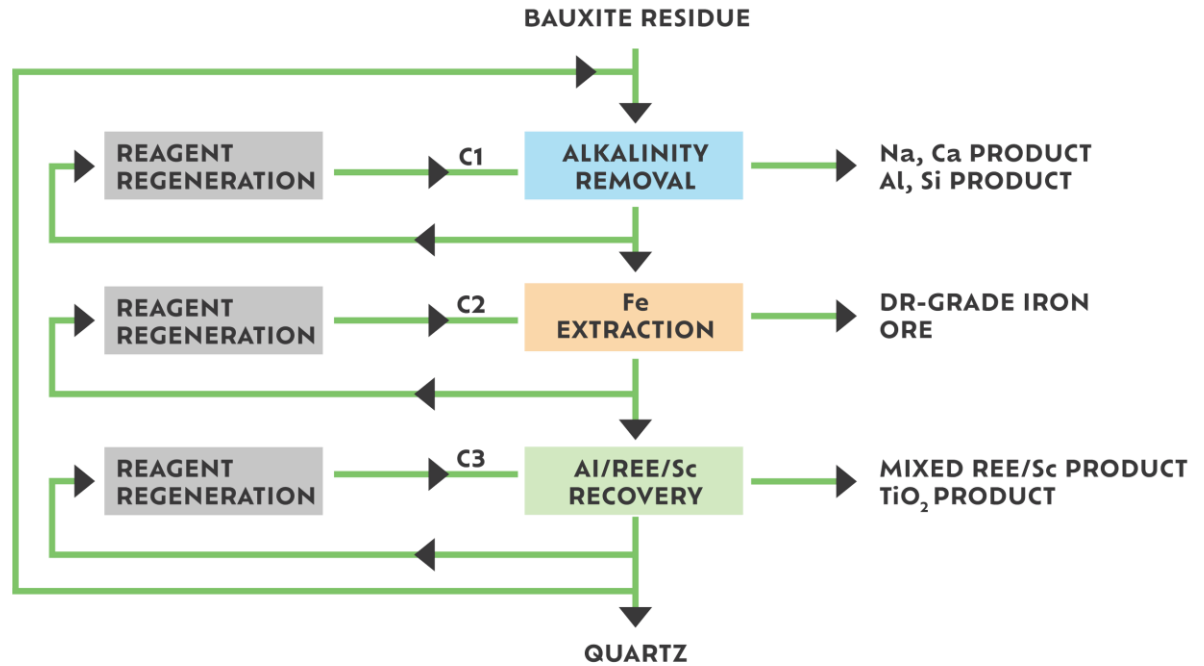


Every molecule reused reduces waste, cost, and carbon emissions

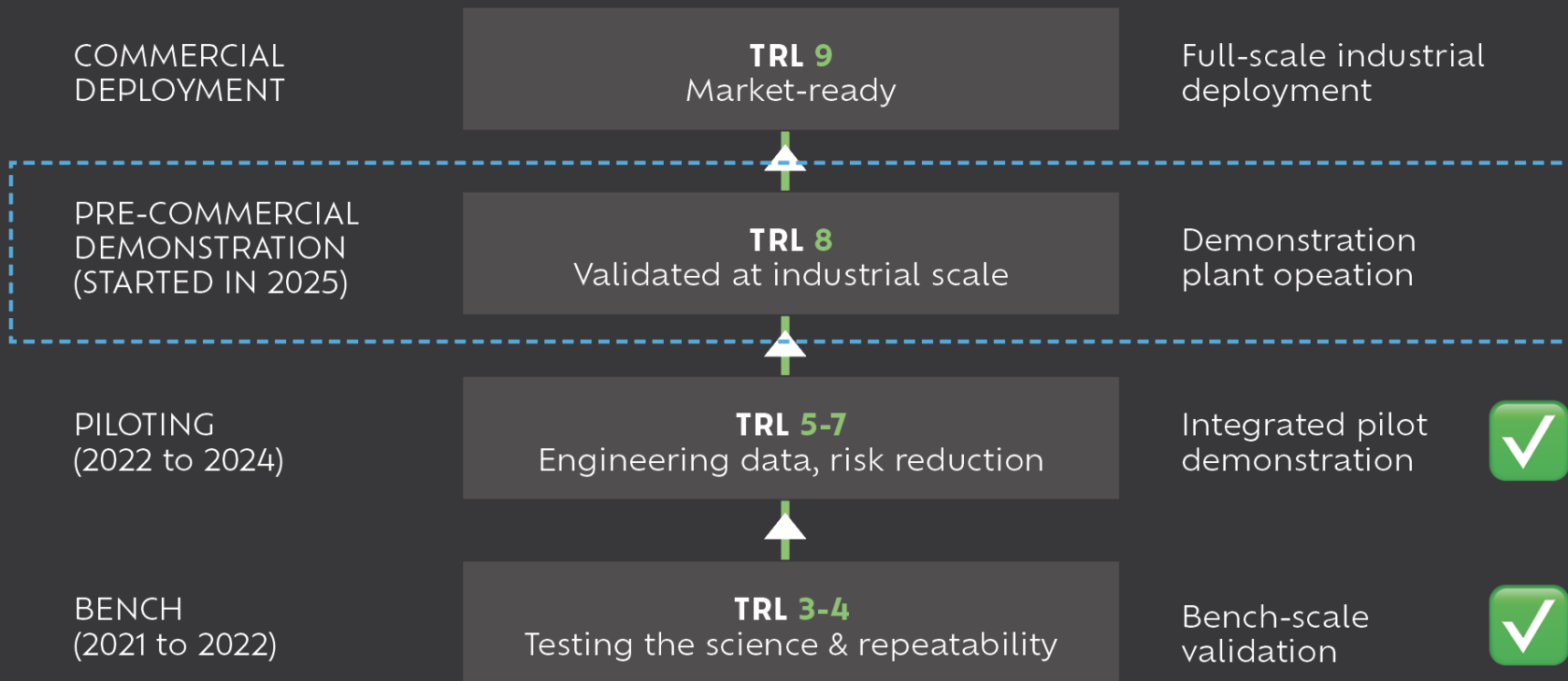
BAUXITE RESIDUE (BR) VALORIZATION

Redefining the Future of Aluminum Industry's Largest Liability

- Objective 1: Recover high purity iron, caustic soda and alumina
- Objective 2: Recover REE, Sc, Ti and other critical metals
- Waste reduction: **Over 90% for C1, C2 and C3 combined in closed loop**
- Scope: Legacy and fresh BR
- Market size: **200 Mt annual residue produced & 4.5 Bt in global storage**
- Value: Up to \$400/t of BR



TECHNOLOGY MATURITY PATH – BAUXITE RESIDUE VALORIZATION

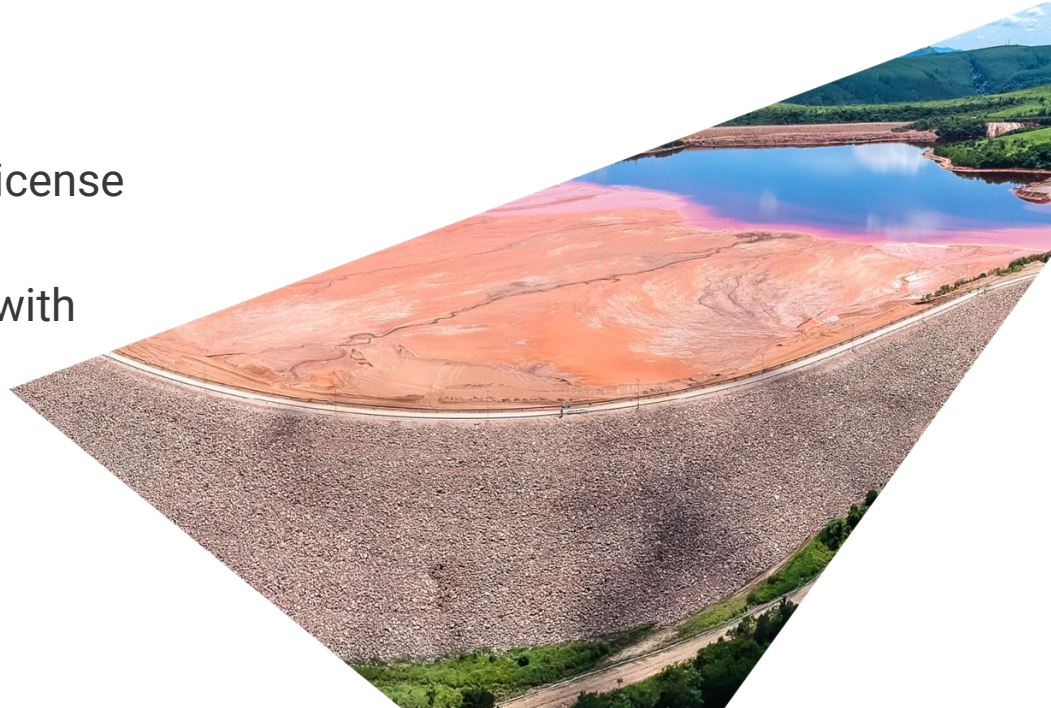


MARKET OPPORTUNITY

- Targeting 10-20% of global BR annual market
- Potential of up to \$10M in royalties for every 1Mt processed

COMMERCIAL TRACTION

- Rio Tinto JDA – 1st demonstration license agreement (\$4.5M)
- Ongoing testwork and discussions with multiple alumina refineries



NdFeB MAGNET RECYCLING

Closing the loop on magnet supply

- Objective 1: Recover REE
 - Objective 2: Recover iron
 - Waste reduction: **No or limited solid or liquid waste**
 - Scope: End of life, scrap or swarf
 - Europe & NA: 20K tonnes production expected w/20% waste by 2030
 - Value: Around \$25,000 per tonne of scrap
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MARKET OPPORTUNITY

- RE magnets Market CAGR >8–10%
- Magnet factories need local solution
- End of life collections growing

COMMERCIAL TRACTION

- Ongoing testwork and discussions with magnet manufacturers
- Growing global network of magnet scrap collectors





MONTVIEL PROJECT

- One of North America's largest undeveloped bastnaesite REE deposits
- Improved process recovers value from 40% of total ore
- **95% recovery for REO and Sc**
- 85% recovery for Nb
- High purity iron and other offtake stream
- Resource: **82.4 Mt @ 1.51% TREO indicate**, 184.2 Mt @ 1.43% TREO inferred



GLOBAL DRIVERS

- Net-zero imperatives
- **Supply chain sovereignty** (Canada, EU, US)
- Circular economy mandates
- Billions in critical minerals funding worldwide

COMPETITIVE ADVANTAGE

Circular Metallurgy, Proven

- High efficiency process, closed-loop reagent reuse
- Reagent recycling tech adaptable to several industries
- Scalable deployments for customer specific needs
- First mover in waste-to-value clean metallurgy
- Validation via industrial partnerships





SCALABLE REVENUE MODEL

- Licensing Fees: **Technology access for partners**
- Royalty Streams: **% of production revenue**
- Joint Development: **Funded engineering + pilot work**
- Government Grants: **Non-dilutive financing**
- Operation revenues: **NdFeB recycling**

RISK & MITIGATION

Risk	Mitigation
Scale-up / engineering risk:	Partnered pilot + phased demo validation
Feedstock availability:	Establishing partnerships with alumina refiners, magnet manufactures, etc.
Regulatory:	Working with government critical minerals programs
Market adoption:	Licensing model lowers entry barriers, lowers financing risks

THE GROWTH ENGINE

Our greatest resource is experience and reputation
in hydrometallurgy, partnerships, and execution.

From Core Science to Scalable Systems

- Operating analytical and piloting labs in Boucherville, QC
 - 15+ scientists & engineers
 - Healthy R&D pipeline feeding commercialization opportunities
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2025 - 2028 ROADMAP

2025

- Rio Tinto JDA signed
- Magnet demo plant construction

2026

- Bring additional clients to bench, pilot and license agreements stages
- Commission and start magnet demo plant

-Convert clients to sold licenses, commercial deployment & royalties

-Sell licenses for magnet plant

- Bring new projects from TRL 3-4 towards piloting and commercialization



LOOKING AHEAD

Circularity isn't optional.
It's inevitable.

GEOMEGA turns that
inevitability into opportunity

JOIN THE CIRCLE

- **Partners:** collaborate on demonstration & deployment
- **Investors:** help scale Canada's circular technologies
- **Governments:** enable local processing sovereignty

GEO**O**MEGA

SHARE STRUCUTRE

Issued & Outstanding	160,748,007
Stock Options	6,160,000
Deferred Share Units	2,104,000
Restricted Share Units	2,616,000
Warrants (\$0.40, 02/08/26)	704,028
Conv. Debt. (12%, \$0.12, 03/2028)	16,431,350
Fully-Diluted	188,763,385





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