



Green Graphite
TECHNOLOGIES

Sustainably Transforming **Graphite** for use in Lithium-ion Batteries

GraphPure™



Mined Natural
Flake Graphite

GraphRenew™

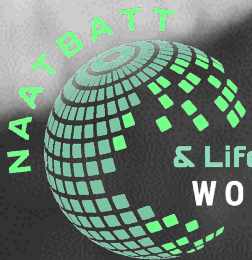


Spent Graphite
from Recyclers

GraphRestore™



Production Scrap
from Gigafactories



**Lithium Battery Recycling
& Lifecycle Management
WORKSHOP VIII**

**“Meet the Recyclers”
July 29th, 2025**

Tom Whitton, Eng.

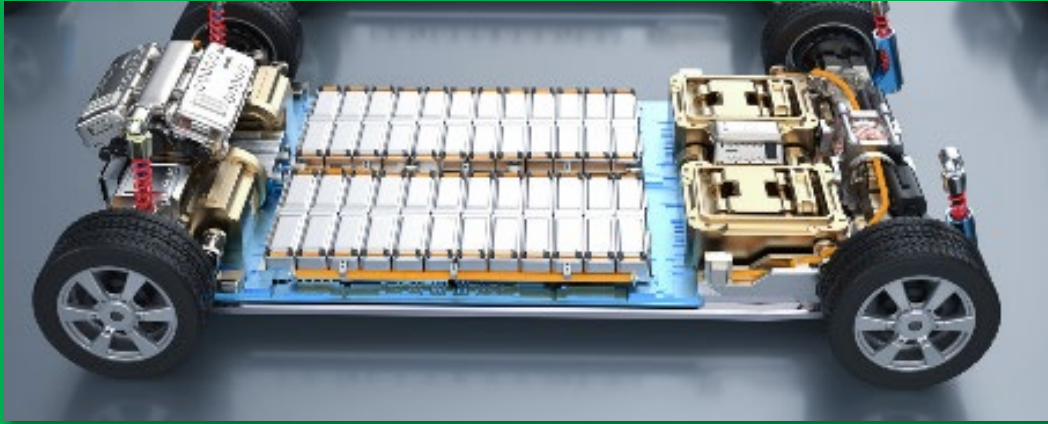
VP Project Development

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The Supply Chain is broken... we can fix it

EVs need 15x more Graphite than Lithium

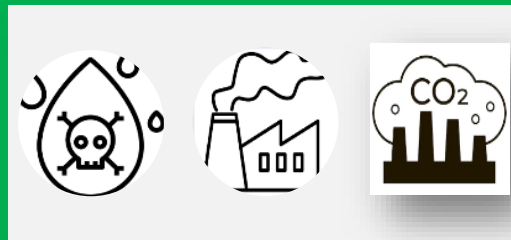


>5.5M tpa supply gap projected by 2030

Source: Benchmark Mineral Intelligence, December 2024



Produces > 90%



ESG Concerns



Critical Minerals = Energy
Energy Dominance = National Security



G7 Critical Minerals Action Plan

We need to rapidly
onshore graphite
production

U.S. Issues Preliminary Antidumping Duties of 93.5% on Chinese Active Anode Material

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U.S. Issues Preliminary Antidumping Duties of 93.5% on Chinese Active Anode Material

July 17, 2025

Harry Minnis

Key Highlights:

- U.S. Department of Commerce finds preliminary evidence of dumping by Chinese producers
- Provisional antidumping duties of 93.5% imposed on graphite-based active anode material (AAM)
- Total effective tariff rate now reaches 160% due to additional duties
- Chinese firms BTR and CATL found to be state-influenced and unable to prove independence from the Chinese Communist Party

Recent Posts

U.S. Antidumping Preliminary Decision on Chinese Anode Material Expected July 16

July 14, 2025

[Read More »](#)

Collaborative Business Model: Operator (profit sharing) & Technology Licensor



Gillian Holcroft, P.Eng., M.Eng.
Cofounder & CEO



Kevin Watson, PhD, MBA
Cofounder & CTO

Vision

To become the leading global solution for producing battery grade graphite from both mined NFG and secondary sources including recycled LiBs, LiB manufacturing scrap and synthetic graphite waste.

Our 2-Step Purification Solution

Leaching + Rapid, Continuous Carbochlorination

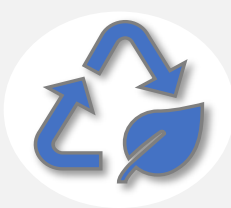
When compared to Chinese HF Technology



Lower OPEX



Lower CO₂eq/t



Less Water/Waste





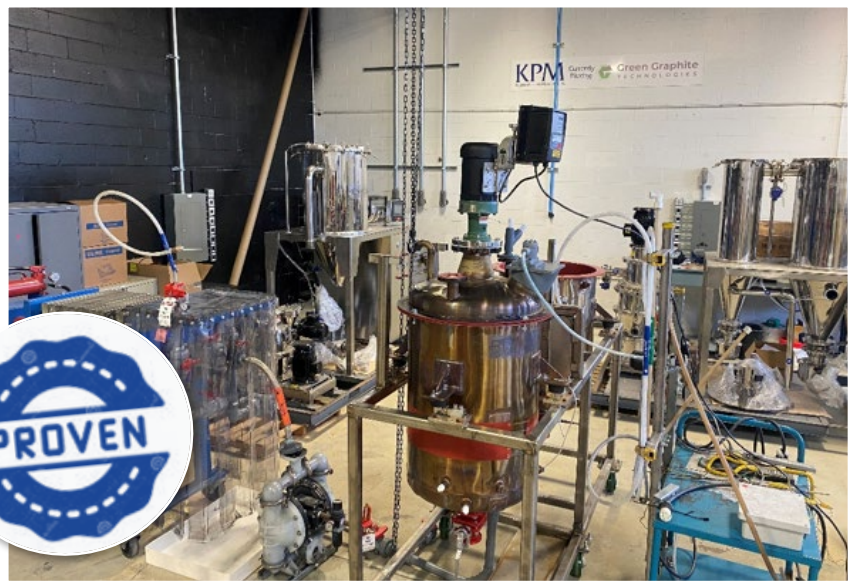
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(11)(21) **3 196 865**
(12) **BREVET CANADIEN**
CANADIAN PATENT
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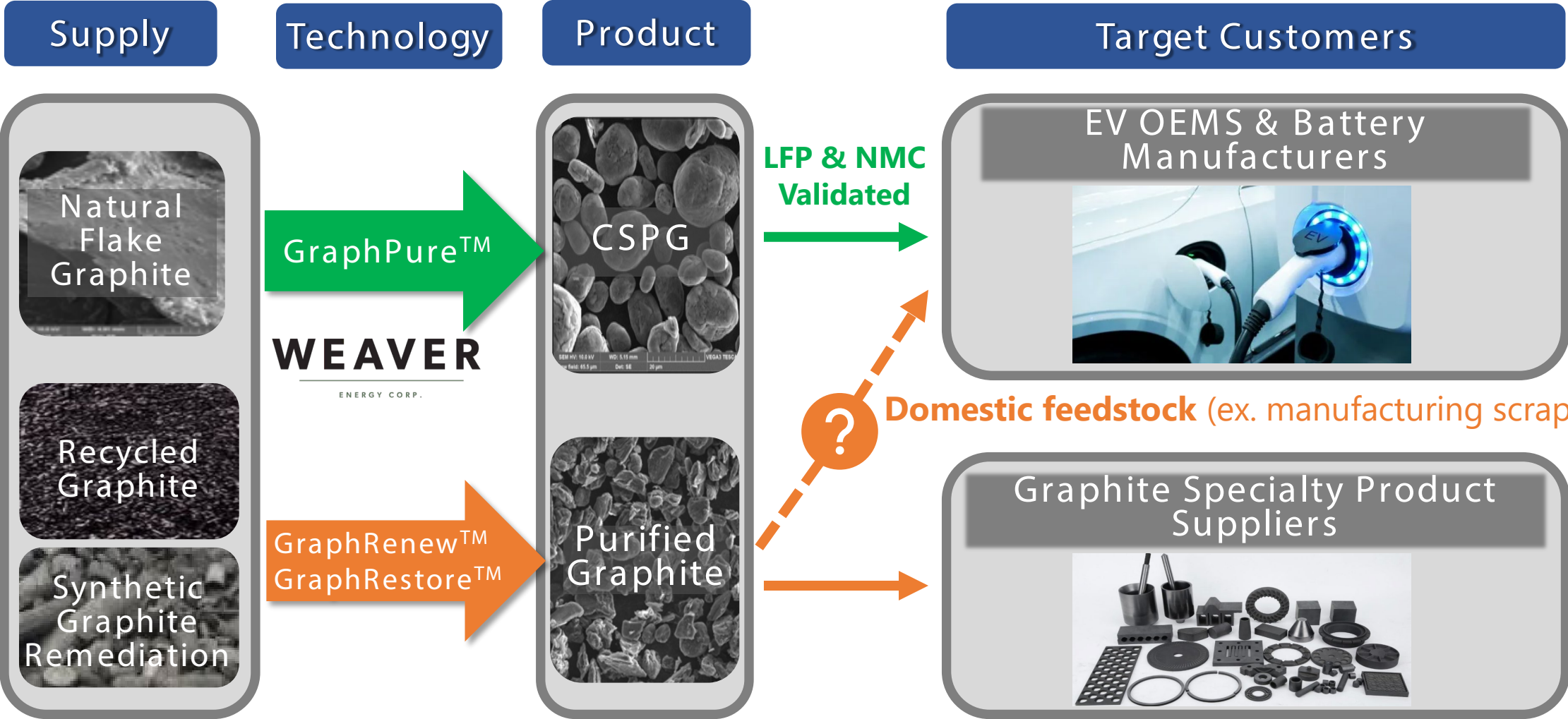
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(54) TITRE: PROCESS FOR PURIFYING AND PRODUCING A HIGH PURITY PARTICULATE GRAPHITE MATERIAL FOR USE IN LITHIUM-ION BATTERIES



Product-Market Fit

Graphite Supply + Technology = Midstream Solution



Company Funding

Funds Raised to Date:
(Government, Partners, Seed)

US\$9M

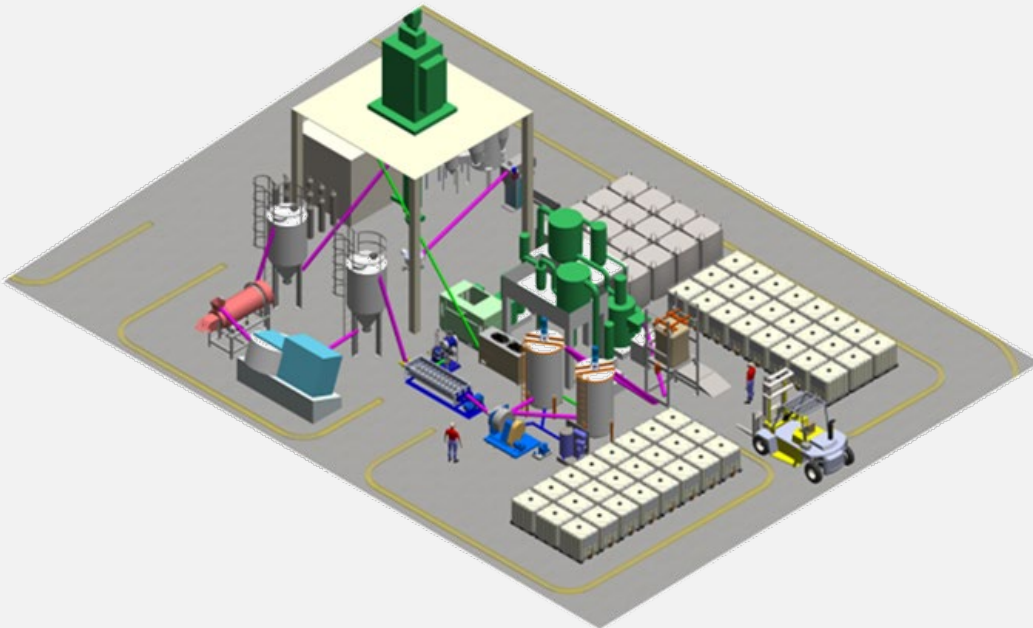
2025 Equity Raise:

US\$7M

Use of Funds:

- ✓ Demo Plant (A&B)
- ✓ Expand Team
- ✓ New IP
- ✓ Working Capital

2026: Demo A → 40 tpa CSPG
2027: Demo B → 400 tpa CSPG
2029: Commercial → 20 ktpa CSPG
(5 lines of 4ktpa)



Tremendous Public Support



Natural Resources
Canada



SUSTAINABLE DEVELOPMENT
TECHNOLOGY CANADA
TECHNOLOGIES DU DÉVELOPPEMENT
DURABLE CANADA



Ontario



NRC Industrial Research
Assistance Program

NGen

Investissement
Québec

PRIMA
Les matériaux pour avancer

innové
Innovation en énergie électrique

Bioindustrial
Innovation Canada®
A Sustainable Chemistry Alliance

Why work with GGT?

- ✓ Our **Experienced** Team makes things happen.
- ✓ Our **Patented** Technology is cost effective, sustainable and proven.
- ✓ Our compelling **Value Proposition** will provide a competitive-edge for our customers.
- ✓ Our **Business Strategy** (operator & licensor) has attracted global industry support.
- ✓ Our **Demo Plant** will provide confidence to the market to attract off-take agreements



Founded 4 years ago (2021)

> **9M USD** secured to support Pilot Phase
Includes \$6M USD grants

Commercial in 4 years (2029)

Commercial Revenues & Licensing agreements

GOAL

Onshoring the midstream processing of
battery-grade graphite to serve global markets



Tom Whitton

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