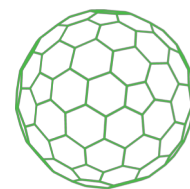


CORPORATE PRESENTATION

Winter 2019



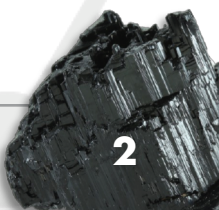
NOVOCARBON

OTCQB: GLKIF | TSX-V: GLK

Disclaimer Statement



This presentation includes certain statements that may be deemed "forward-looking statements". All statements in this discussion, other than statements of historical facts, which address future production, potential revenues, and events or developments that the Company expects, are forward-looking statements. Such forward-looking statements include, without limitation: (i) estimates of future graphite prices, supply, demand and/or production; (ii) estimates of future cash costs; (iii) estimates of future capital expenditures; (iv) estimates regarding timing of future plant development, construction, production or closure activities, and; (v) statements regarding cost structure, project economics, product pricing or competitive position. Although the Company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in the forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include market prices, exploitation and exploration successes, continued availability of capital and financing, and general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future performance, that the Company expressly disclaims any responsibility for revising or expanding the forward-looking statements to reflect actual results or developments, and that actual results or developments may differ materially from those projected in the forward-looking statements.





About NovoCarbon

- NovoCarbon sources, processes and distributes graphite, using its proprietary supply chain.
- NovoCarbon has key relationships with graphite miners, processors and customers.

Investor Checklist

- ✓ **Competes on Quality** - NovoCarbon is the only North American supplier of battery grade graphite. Typically sourced from China, graphite is coveted when North American chemistries are met. It ensures consistency and hedges geopolitical risk.
- ✓ **Key Distribution Relationships** - The graphite sales cycle is long, upwards of 24 months. NovoCarbon has already qualified their material specifications with several tier one manufacturers, putting the company years ahead of the competition.
- ✓ **Key Supply Relationships** - Supply of high quality natural flake graphite concentrate from the largest graphite producer in Brazil. A long term supply agreement provides the Company with excellent material from a partner to be able to meet demand.
- ✓ **Proven Execution** - NovoCarbon has executed on two (2) critical product development and materials research partnerships in advanced carbon materials to diversify risk and increase margins.
- ✓ **Near Term Catalysts** – NovoCarbon is on the cusp of fulfilling major graphite orders beginning in 2019. Supply, processing and demand are all in place.

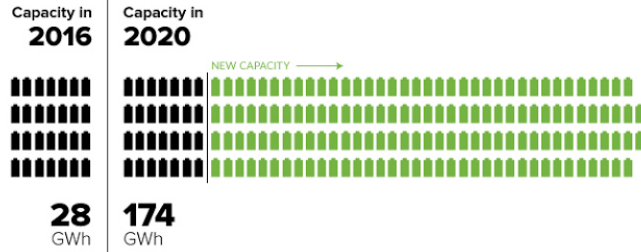
NovoCarbon is positioned to become a key supplier of graphite to global tier one manufacturers.



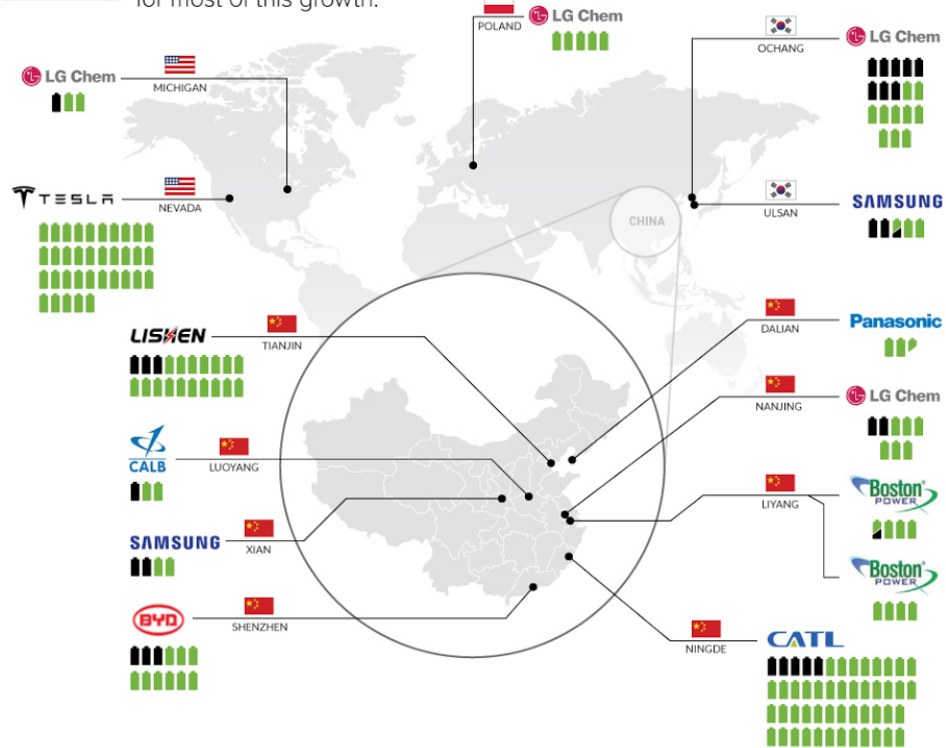
Demand Outlook for Battery Grade Graphite



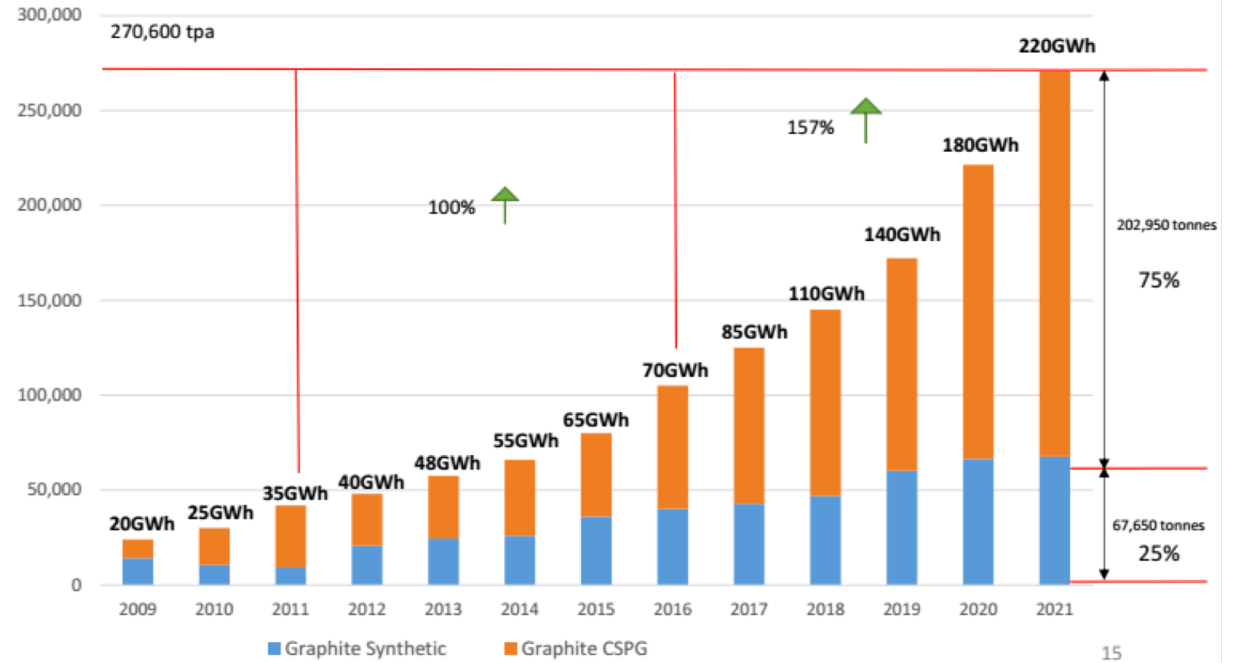
Global lithium-ion battery production capacity will increase by **521%** between 2016 and 2020.



China's battery sector continues to be a hub for most of this growth.



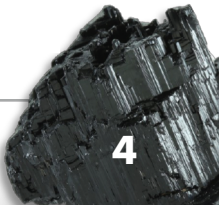
Global lithium ion anode demand – rising CSPG dominance



Source: Benchmark Mineral Intelligence

GRAPHITE - There is 54kg of graphite in the battery anode of each Tesla Model S (85 kWh).

Benchmark Mineral Intelligence forecasts that the battery anode market for graphite (natural and synthetic) will at least triple in size from 80,000 tonnes in 2015 to at least 250,000 tonnes by the end of 2020.





Lead-Acid Battery

- Battery anode material for the light vehicle market.
- NovoCarbon is in the final stage of qualification with the largest North American manufacturer of lead acid batteries.
- **Sales potential for 2019: 500+ tons.**

Redox Flow Battery

- Components for stationary storage.
- NovoCarbon has received qualification from a Australian stationary storage manufacturer and is finalizing the purchase order while at the same time, is in the qualification process with several others.
- **Sales potential for 2019: 100-300 tons.**

Lithium-ion Battery

- Material for lithium-ion battery anodes.
- NovoCarbon has qualified its product with the largest standalone EV manufacturer in North America.
- Sales potential is limited by production capacity as annual requirements are typically **10-20 THOUSAND tons per customer.**

Qualifying for battery manufacturers is a lengthy process that can take upwards of two years. NovoCarbon is already in late stages, or has completed qualification, with several global tier one battery producers.

Flake Graphite Products and Product Pipeline



Current

Micronized

- Natural flake graphite, milled to sizes between 4-45 micron.
- Purity ~ 96%.
- Used in the Industrial Foam, Friction, Lubricants, and Powder Metallurgy markets.

High/Ultra Purity

- High and ultra high purity natural flake graphite, micronized to sizes 5-45 micron.
- Thermally purified up to 99.99%.
- Used in the Composites, Lubricants, Batteries & Energy Storage markets.

Technology Partnerships

- NovoCarbon is currently working with two partners in the graphene sector and has a distribution agreement in place with Graphene 3D Labs.
- NovoCarbon is currently working with Delphi Scientific on other Joint Development initiatives

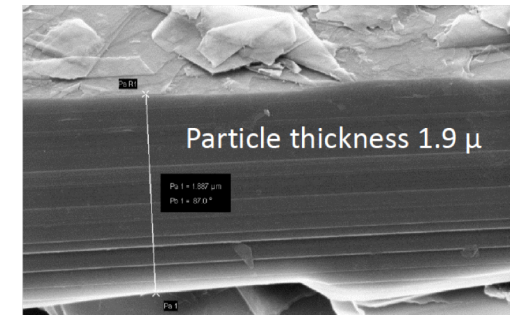
For 2019

Spheronized

- Natural flake graphite, spheronized to customer specs, typically ~20 micron.
- Purity to customer spec: ~ 96% to 99.99%.
- Used for Lithium-Ion batteries and other energy storage applications.

Specialty Graphites

- High and ultra high purity natural flake graphite, micronized to sizes 5-45 micron, 96-99.99% purity.
- NovoCarbon will manufacture specialty graphites with very high surface area characteristics.
- Used in Biotechnology and Advanced Battery & Energy Storage markets.



NovoCarbon is creating processed graphites that are highly specific for customer specifications thus imbedding itself in client operations.

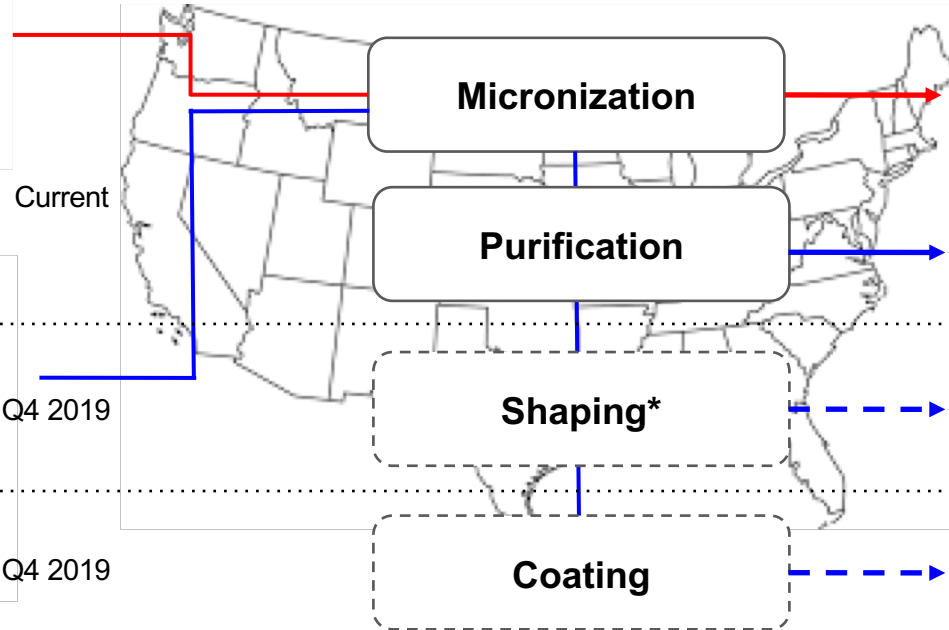
Our Process



Source



Process



— Synthetic Graphite

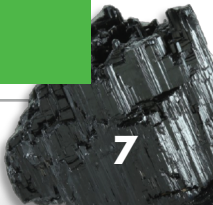
— Natural Flake Graphite

* Spheronization equipment qualification trials are in progress with multiple manufacturers.

Distribute



NovoCarbon secures product orders with manufacturers before sourcing material. This enables working capital efficiency, ensuring capital is consistently utilized.





Source

NovoCarbon has access of up to 170,000 tons per annum (tpa) in supply

Location	Status	Capacity (tpa)
Brazil	Producer	70,000
Brazil II	Producer	50,000
Brazil III	Explorer/Developer	[TBD]
Madagascar	Developer (2019*)	10,000*
Guinea, West Africa	Developer (2020*)	10,000*
Canada	Explorer/Developer	10,000*
Australia	Explorer/Developer	20,000*

Process

NovoCarbon has built key relationships for processing material at scale

Location	Company	Capacity (tpa)
Pennsylvania	Shamokin Carbons	>150,000 tons/year
Upstate NY	Ashland Advanced Materials	>4,000 tons/year

Distribute

NovoCarbon is working on a sales funnel that represents 2,365 tpa of demand

Stage	Demand (tpa)	Amount
Stage 1 (Introductory Call & Follow Up)	1,100	\$8mm
Stage 2 (Samples sent and testing)	410	\$4mm
Stage 3 (Qualified)	2,365	\$17.5mm

Note: Tons and amounts only correspond to 2019 estimates, 2020 estimates include organic growth (typically double the 2019 tonnage)

NovoCarbon has established supply and demand streams, ready to be unlocked. A strong near-term sales funnel represents \$29.5mm of potential revenue through 2020.



Graphite Market Overview

- Most graphite sold in North America today is sourced from Chinese producers.
- There is currently no significant production of lithium-ion battery anode material in North America.
- The North American market has traditionally been dominated by private, family-owned businesses who have been slow to respond to the rapidly changing landscape.
- **Domestic content is becoming a priority for a growing number of manufacturers.** Processing graphite in the US offers NovoCarbon a competitive advantage by enabling our customers to increase the domestic content in their products.

North American Graphite Market

Supplier	Micro Crystalline	Flake	Vein	Secondary Synthetic	Primary Synthetic
Asbury Carbons: US/Mexico	X	X	X	X	X
*GrafTech International: US/Mexico				X	
*SGL Carbon Group: US				X	X
*Showa Denko Carbon, Inc.: US				X	
Superior Graphite: US	X	X	X	X	X
IMERYS Graphite (Terrebonne): Canada		X			X

* Secondary business, primary focus business is sales of graphite electrodes for Steel Arc furnace applications.

Source: Asbury Carbons presentation at Graphite Supply Chain 2016

“Several prospects have contacted us specifically because we offer geographical diversification to their sources of supply. The Brazilian material is both extremely consistent and of high quality, which helps to mitigate sourcing risk for customers.”

- Michael Coscia, Senior VP of Sales

NovoCarbon is a domestic producer of graphite, the Company meets the rigorous specifications of battery producers. Other global graphite suppliers face geopolitical risk and quality control issues.





Stock Exchanges

OTCQB	GLKIF
TSX Venture	GLK.V
Frankfurt	8GL

Debentures/Loans

Gross Overriding Royalties I & II

8% of revenue on 1st \$90 million of production plus 8.5% interest and warrant coverage ([details](#)).

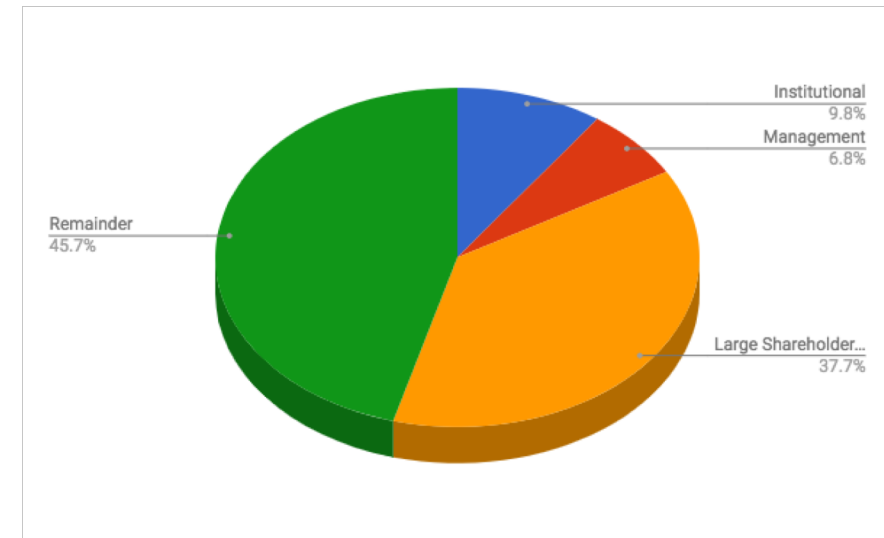
Debenture Financing

Interest-bearing secured non-convertible loan for US\$2 million ([details](#)).

Debentures/Loans

Outstanding	132,656,830
Warrants	26,455,968
Options	11,560,000
Fully Diluted	170,672,798
Share Price	\$0.035
Market Capitalization (OS)	\$4.64MM

Ownership Summary



Management Team & Board of Directors



Management Team

- **Paul Ferguson**, CEO, US subsidiary: 25+ years experience developing technology companies in a variety of sectors, including enterprise software for CRM, mobile applications, business process management, and GRC. Mr. Ferguson has extensive experience funding and building early stage companies and serves as a Board Observer for Senscio Systems and Board Director for NovoCarbon Corporation.
- **Michael Coscia**, Sr. VP of Sales: Michael Coscia has over 30 years' experience in the chemicals and minerals industries. He brings extensive experience in sales, marketing, technology and product development to NovoCarbon. Prior to joining the Company, Mike has served as Sales Director at SGL Carbon, as Senior Account Manager for Cabot Corporation, as VP of Sales and Marketing for Ontario Graphite and as VP of Sales at Bayer Chemical.

Michael's experience coupled with his background in chemical engineering and material science make him uniquely well-suited to work closely with our customers on technical issues that relate to their graphite requirements. Mike holds BS and MS degrees in Chemical Engineering from Northeastern University.

- **Dr. Gershon Borovsky**, Chief Science Officer
- **Robert Suttie**, Chief Financial Officer

Independent Directors

- **Laura Mottola**, Independent Director.
- **Brett Clark**, Independent Director.
- **Richard Baxter**, Director: 15+ years experience bridging the financial and technical sides of the battery and energy storage markets. Mr. Baxter's consulting practice advises clients on industry and technology developments, including several of the world's largest battery, energy storage and automobile manufacturers
- **Bruce Reading**, Independent Director. Bruce is Chairman and CEO of Pica9 and has founded and built multiple successful businesses. Before joining Pica9, Bruce was CEO of VoltDB, a venture-capital backed enterprise software company. Bruce also served as senior vice president and general manager for Compuware Corporation. Prior to Compuware, he spent six years as president, chief operating officer and senior vice president at Gomez, Inc. Bruce has also served in senior management capacities at Access International, Cayman Systems and Dictaphone Corporation. A native Canadian, Bruce maintains an active role in the startup community as a seed investor and board member to several early stage companies, is a father to four great kids and an avid hockey fan. Bruce received his BS in Economics from McMaster University.

NovoCarbon's senior management team is composed of highly experienced professionals from the advanced materials, technology, operational and scientific communities.





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