

TSXV FCLI OTCQB FCLIF

The Home of Lithium Science



FULL CIRCLE

Focused on Lithium & Battery
Materials Reintegration

CORPORATE PRESENTATION

APRIL 2024

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Forward-looking statements involve inherent risks and uncertainties, most of which are difficult to predict and many of which are beyond the control of the Company, and are not guarantees of future performance. The Company believes that these risks and uncertainties include, but are not limited to, the following: inability to economically and efficiently source, recover and recycle lithium-ion batteries and lithium-ion battery manufacturing scrap, as well as third party lithium feedstock, and to meet the market demand for an environmentally sound, closed-loop solution for manufacturing waste and end-of-life lithium-ion batteries and other lithium feedstock; inability to successfully implement the growth strategy, on a timely basis or at all; inability to manage future growth effectively; inability to refurbish and scale up the Company's processing plant and other future projects in a timely manner or on budget or that those projects will not meet expectations with respect to their productivity or the specifications of their end products; failure to materially increase recycling capacity and efficiency; failure of third-party technology that is part of the Company's processing plant's workings; the Company may engage in strategic transactions, including acquisitions, that could disrupt its business, cause dilution to its shareholders, reduce its financial resources, result in incurrence of debt, or prove not to be successful; one or more of its current or future facilities becoming inoperative, capacity constrained or if its operations are disrupted; additional funds required to meet capital requirements in the future not being available to the Company on commercially reasonable terms or at all when it needs them; the Company expects to incur significant expenses and may not achieve or sustain profitability; problems with the handling of lithium-ion battery cells that result in less usage of lithium-ion batteries or affect operations; inability to maintain and increase feedstock supply commitments as well as securing new customers and off-take agreements; a decline in the adoption rate of electric batteries particularly in electric vehicles, or a decline in the support by governments for "green" energy technologies; decreases in benchmark prices for the metals contained in the Company's products; changes in the volume or composition of feedstock materials processed at the Company's processing plant or future plants (if any); the development of an alternative chemical make-up of lithium-ion batteries or battery alternatives; the Company requires customers and other sources of lithium feedstock; insurance may not cover all liabilities and damages; the Company is reliant on the experience and expertise of its management and technical team; reliance on third-party consultants for its regulatory compliance; inability to complete its recycling processes as quickly as future customers may require; inability to compete successfully against already established battery recycling companies; increases in income tax rates, changes in income tax laws or disagreements with tax authorities; significant variance in operating and financial results from period to period due to fluctuations in its operating costs and other factors; fluctuations in foreign currency exchange rates which could result in declines in future sales and net earnings (if any); unfavourable economic conditions, such as consequences of the global COVID-19 pandemic; natural disasters, unusually adverse weather, epidemic or pandemic outbreaks, boycotts and geo-political events; failure to protect its intellectual property and knowhow; the Company may be subject to intellectual property rights claims by third parties; failure to effectively remediate the material weaknesses in its internal control over financial reporting that it may identify or if it fails to develop and maintain a proper and effective internal control over financial reporting. Because of these risks, uncertainties and assumptions, and those contained in the Company's public disclosure filings (which the reader should review carefully), readers should not place undue reliance on these forward-looking statements. Actual results could differ materially from those contained in any forward-looking statement. In addition, forward-looking statements contained in this communication reflect the Company's expectations, plans or forecasts of future events and views as of the date of this presentation. The Company anticipates that subsequent events and developments could cause its assessments, expectations, plans and forecasts to change. While the Company may elect to update these forward-looking statements at some point in the future, it has no intention and undertakes no obligation to do so, except as required by applicable laws. These forward-looking statements should not be relied upon as representing the Company's assessments as of any date subsequent to the date of this presentation. The Company's forward-looking statements are expressly qualified in their entirety by this cautionary statement.

OUR TEAM SIGNIFICANT LITHIUM INDUSTRY EXPERTISE



CARLOS VICENS

CEO, DIRECTOR & FOUNDER

- Over 25 years of years of global experience in capital markets, corporate development, strategy and investment banking.
- Vice-President of a Canadian investment banking mining team with over \$10B of M&A transactions and well over \$5B in equity and debt issuances.
- Founding member and CFO of Neo Lithium.



TOM CURRIN

COO & FOUNDER

- Over 40 years of lithium chemical production and process engineering experience, including Dupont and Livent.
- Has strong relationships with the US Federal Laboratories that place him at the forefront of developing innovative process technology in the renewable energy and lithium battery industry.



PAUL FORNAZZARI

NON-EXECUTIVE CHAIRMAN

- Over 30 years of global law experience focusing on capital markets and merger and acquisitions practice.
- Founding Chairman of Lithium Americas and founding director of Neo Lithium
- Partner at a Canadian law firm.

WHY FULL CIRCLE LITHIUM?



US Based Operations and Fully Operational Plant

- Permitted downstream 2ktpa capacity lithium carbonate (LC) processing plant in Georgia, USA with 20yr production track record and excellent infrastructure and room for expansion to 10ktpa
- Diversified feedstock business model: lithium-ion battery (LIB) recycling (including the LIB fire fighting agent (FCL Agent)), midstream feedstock recycling and lithium refinery



Proven Processing and Business Model

- Conventional technologies used throughout recycling/refinery process to recover lithium with proprietary modular front-end lithium extraction process (LEP/DLE)
- Deployed modular plant and finalizing commercial plant to first client site for midstream feedstock recycling
- Proprietary FCL Agent is now proven to be highly effective in accredited 3rd party laboratory testing, extinguishing fire significantly faster with less hazardous smoke when compared to water and a leading competitor
- Lithium refinery business line complements the business model and provides significant diversification and growth potential



Outstanding Market Dynamics

- Significant interest from midstream feedstock providers and refinery business for recycling and processing solutions
- Massive battery build-out worldwide and in North America (LIBs & scrap) with Electric Vehicle (EV) LIBs at the forefront needing end-of-life solutions, >5EV and LIB giga-factories builds with >US\$70B in EV/LIB investment regionally
- Fire suppressant system industry is above >\$20B and just the fire extinguishers >\$2B
- Critical battery materials are in short supply and at high price due to high demand and no spare refinery capacity

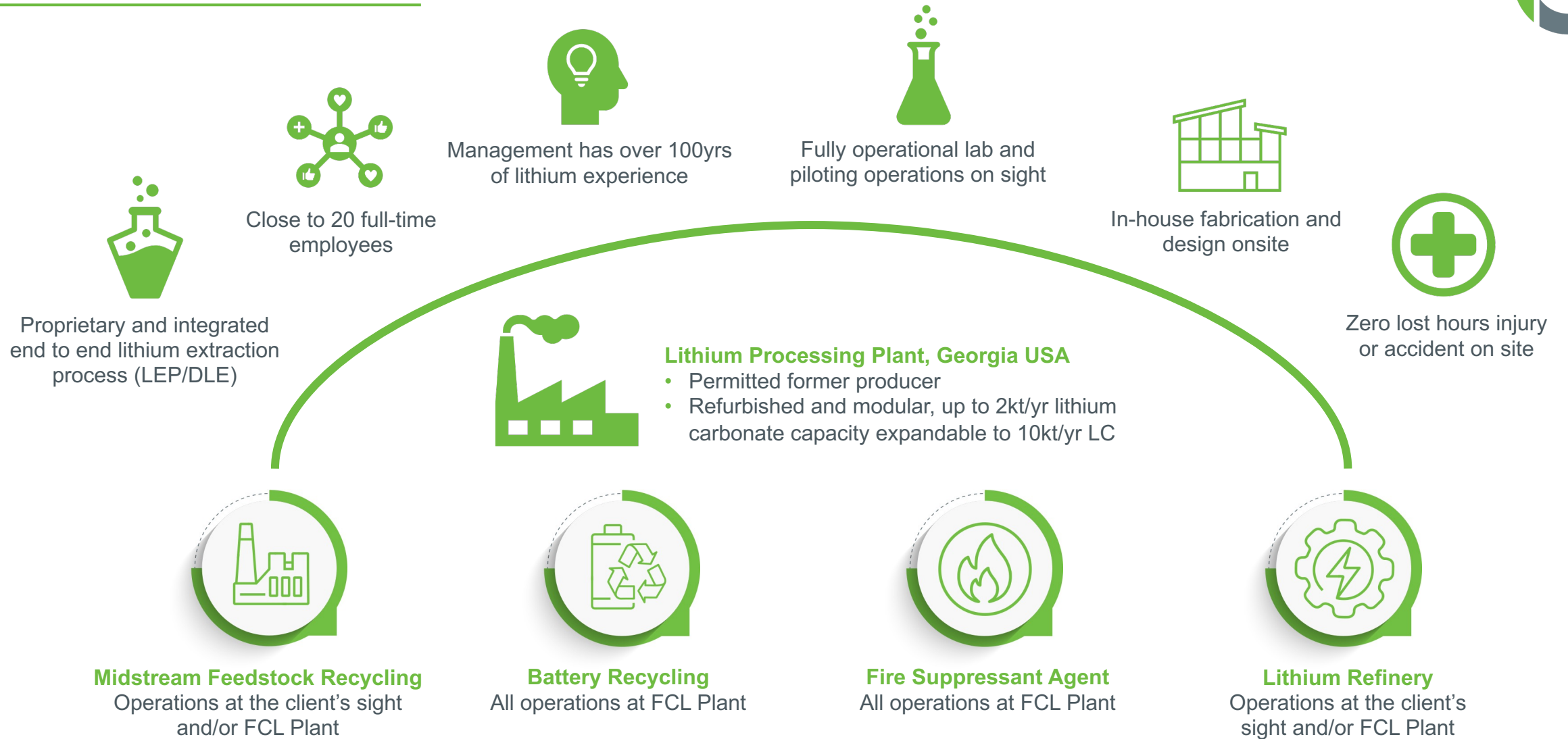


Proven Team & Government Support

- Leading technical expertise with +70yrs of combined experience in lithium operation and processing with proven lithium industry and capital markets experience
- Strong government support in Georgia with >100GWh of gigafactory build-out in the region
- Final stage of application on a ~US\$6M US grant application, results expected by end of Q2 2024



FULL CIRCLE LITHIUM OVERVIEW



FULL CIRCLE LITHIUM SCALABLE OPERATIONS

Georgia Processing Lithium Carbonate Plant

- Plant has up to 2,000 t/yr LC capacity with ability to expand to up to 10,000 t/yr LC
 - Capacity to process lithium sulphate/lithium chloride streams and multiple 3rd party streams
 - Portfolio of patent pending lithium technology

Feedstock Sourcing – Diversified Business Lines

- Midstream Feedstock Recycling
 - First demo processing plant proved >99% lithium recovery and strict impurity levels
 - First commercial plant almost complete and for commercialization qualification testing
 - Analyzing and pilot testing other lithium streams
- LIB Recycling
 - Focused on LFP batteries, but also looking at other battery types and off-spec material
 - Team has pre-processed and disassembled spent LIBs and successfully produced LC
 - Larger scale demonstration and automation work ongoing to demonstrate processing and economics, as well as optimize/automate methods for final lithium extraction process
- Fire Suppressant Agent (FCL Agent) – Proprietary and Patented
 - Invented by the developed of a liquid agent for the safe disassembly of battery cells – demonstrated over 500 times without incident, quickly and cost effectively
 - FCL had broader safety applications for all LIB fires and now internal/external testing has proven and highlighted its effectiveness in small and large LIB fires
- Lithium Refinery – numerous discussion on-going
 - Initial discussion refining precursor lithium compound into LC (technical/battery)



FULL CIRCLE LITHIUM DIVERSIFIED FEEDSTOCK BUSINESS

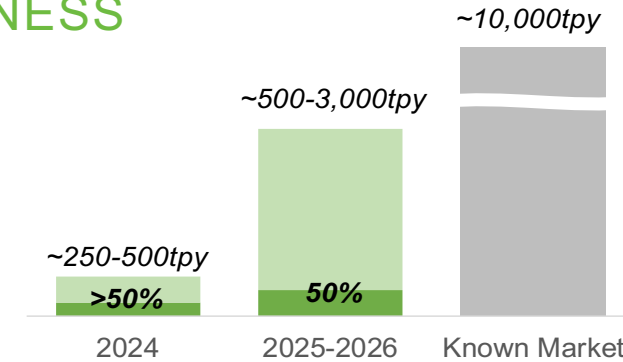
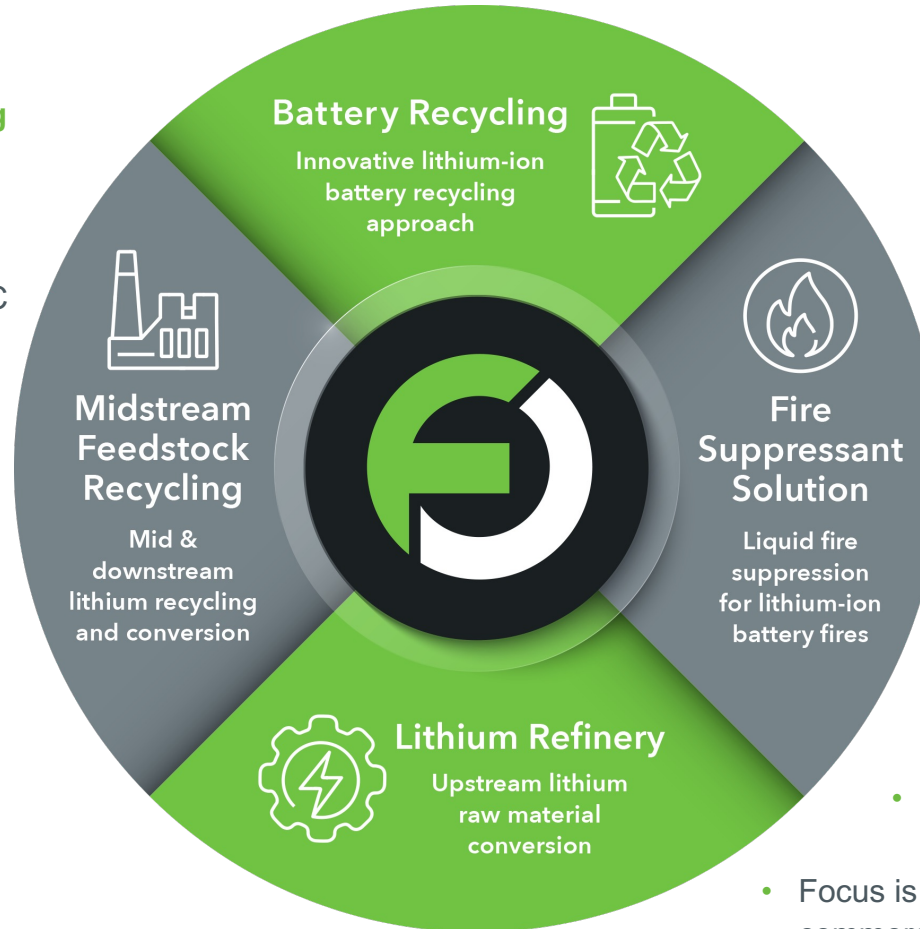


Midstream Feedstock Recycling

- Proprietary front-end lithium extraction process (LEP/DLE)
- Highly specialized know-how in processing manufacturing of LC and with front end operation/DLE/membrane
- Initial addressable market is limited but promising

Lithium Refinery

- Additional potential for immediate conversion services with no spare LC capacity in North America
- Leverage LEP/DLE know-how for higher throughput
- Large potential for growth in upstream projects at client site
- Potential to license IP in certain applications and regions



Battery Recycling

- Complete suite of lithium compound production, starting with battery grade LC
- Also focusing on off-spec material
- Potential for other battery materials (Cu, Al, Ni, Co, Gr, Mn)

Proprietary Fire Suppressant Agent

- FCL Agent has been shown to be best-in-class by an independent US-based accredited third-party testing laboratory
- FCL put out lithium-ion battery fires significantly faster and with less hazardous smoke than both water and a leading competitor
- Focus is on having the FCL Agent UL rated for both retail and commercial and having broader discussions with third parties on potential market avenues



ACCOMPLISHMENTS MOVING FORWARD

The Company has executed in an accelerated pace from formation to revenue generation, FCL is now at the final stages of having its first lithium recycling commercial plant

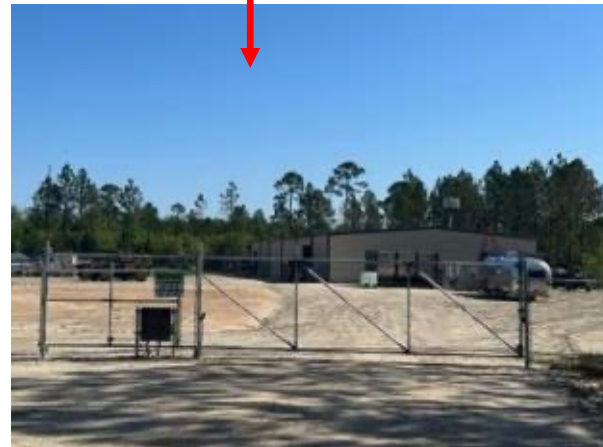
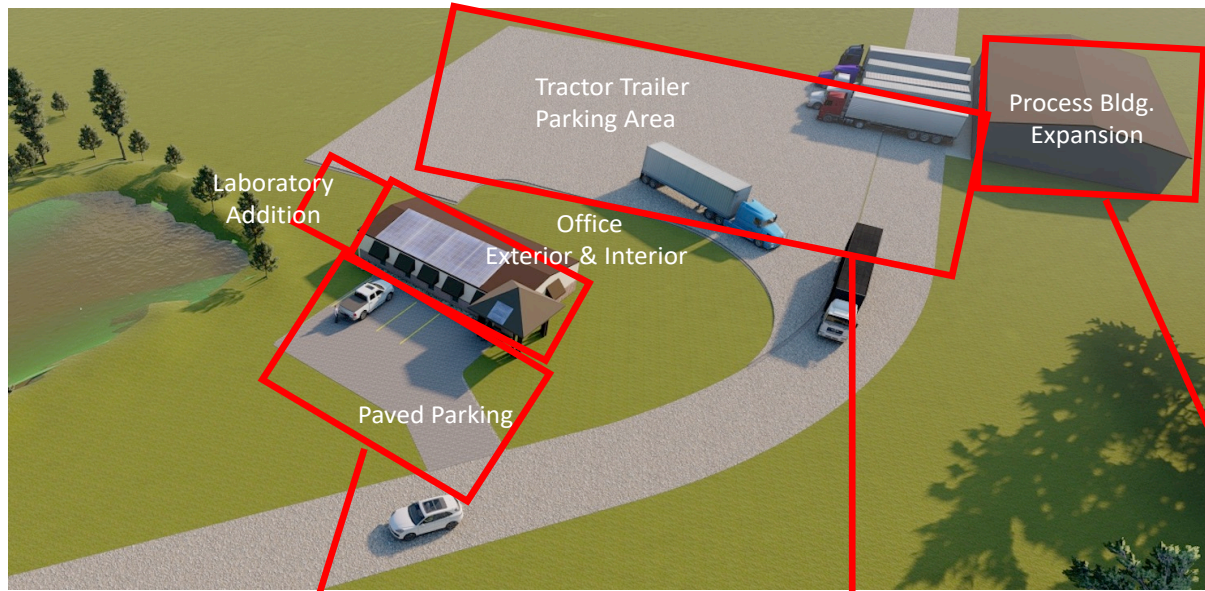
- Former lithium carbonate producer in Georgia, USA with close to 20yrs operating
- Lithium carbonate plant of 2kt/yr fully operational
- Secured first client on midstream recycling business
- Fully integrated LEP (DLE) technology serving the midstream recycling and lithium refinery business unit
- Proof of concept on battery recycling completed
- Developed new products – Fire Suppressant Solution
- Purchased property and secured additional 40 acres of land

Accomplishments 2022-2023

Moving Forward +2024

- Installation/operation of first midstream client and revenue generation in 2H 2024
- Secure second client in midstream recycling with possibility of revenue in 2024
- FSS results and potential partnership for commercialization
- Lithium carbonate production from plant both from 3rd party clients and internal feedstock
- Lithium refinery business growth from Argentine brine processing and other clients
- Infrastructure and capacity expansion in Georgia
- Partnership for feedstock and final products
- IP/patents applications
- DOE grant application results application

GEORGIA PLANT FULLY OPERATIONAL





SELECTED BUSINESS OVERVIEW





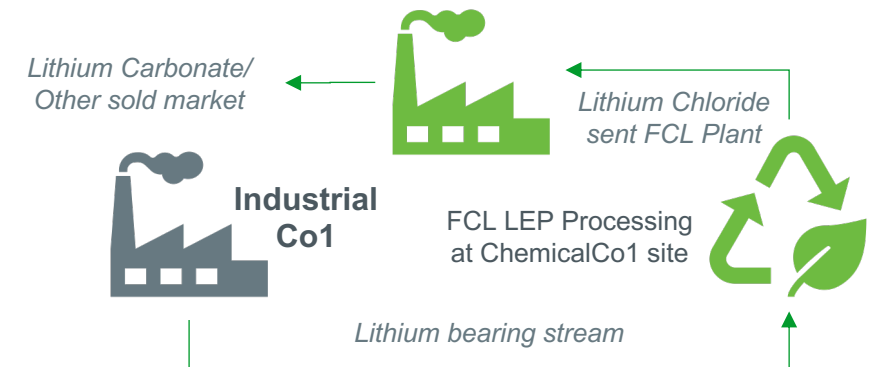
MIDSTREAM FEEDSTOCK RECYCLING

- Business is focused on chemical and manufacturing companies that utilize lithium compounds in their primary processes and have a residual lithium bearing streams
- FCL deployed of a modular demo plant to initial client
 - Successfully extracted >99% of the lithium from ChemicalCo1's lithium effluent in multiple cycles and also met impurity removal targets in final product
 - Subject to final agreement, will lead to proprietary modular commercial production plant build-out by Q1 2024
- Currently in discussion with a number of other specialty chemical companies

ChemicalCo1 – Example



ChemicalCo2 – Example



ALL PLANT PHOTOS ARE STRICTLY PRIVATE AND CONFIDENTIAL



FCL'S FIRE SUPPRESSANT AGENT POTENTIAL GAME CHANGER



In January 2023, the FCL technical team, based on its deep understanding of lithium chemistry, developed a liquid fire suppressant solution for the safe recycling of LIB cells

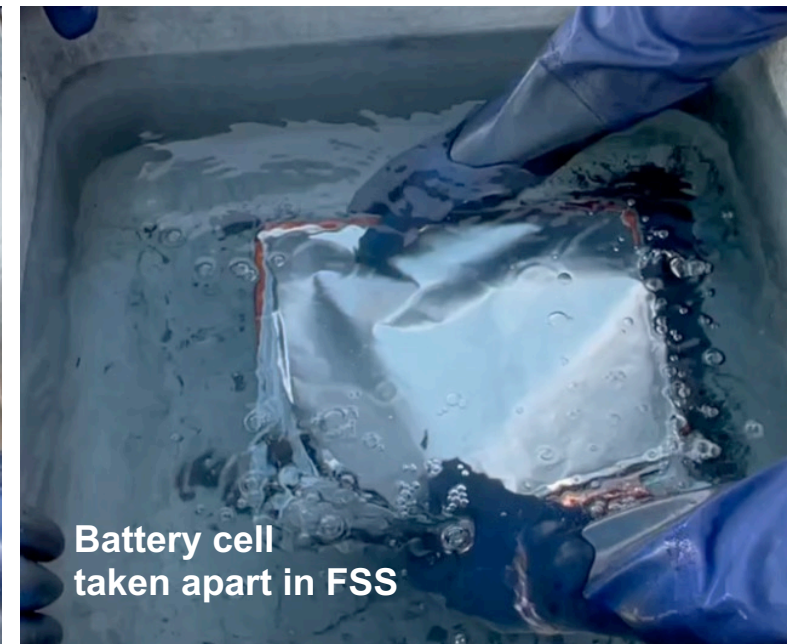
- FCL already filed a patent application for its innovative battery fire extinguishing agent (FCL Agent)
- The process has been demonstrated over 500 times without incident, quickly and cost effectively



Battery cell
opened without FSS



Battery cell
opened in FSS



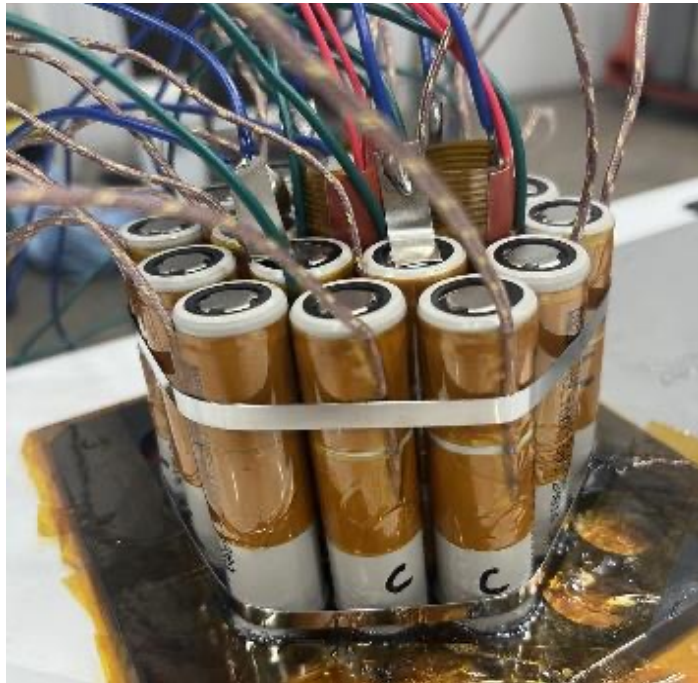
Battery cell
taken apart in FSS

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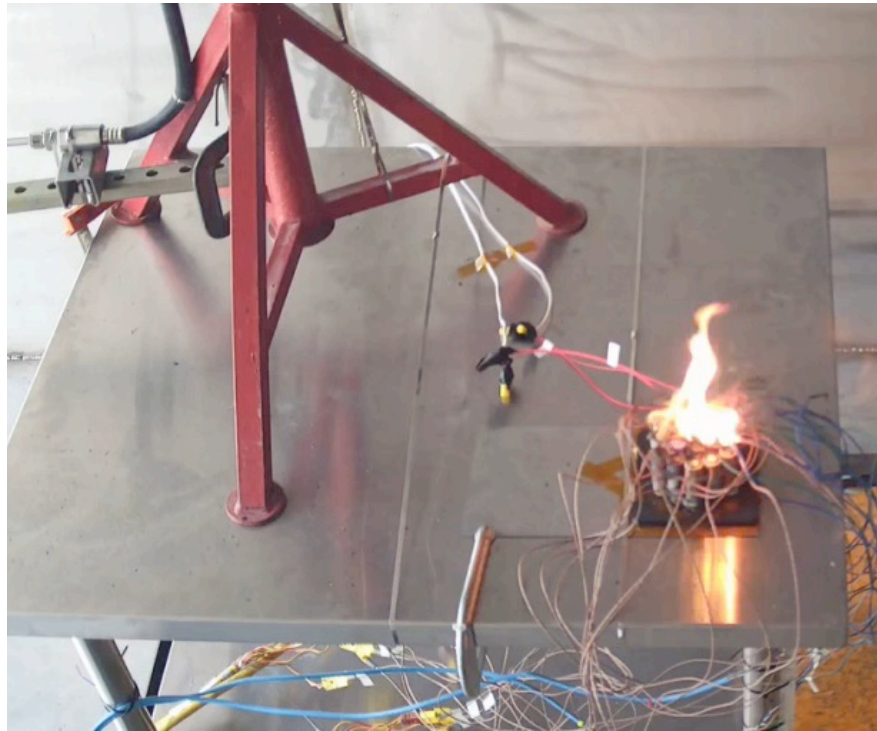


FCL AGENT THIRD PARTY TESTING POTENTIAL GAME CHANGER

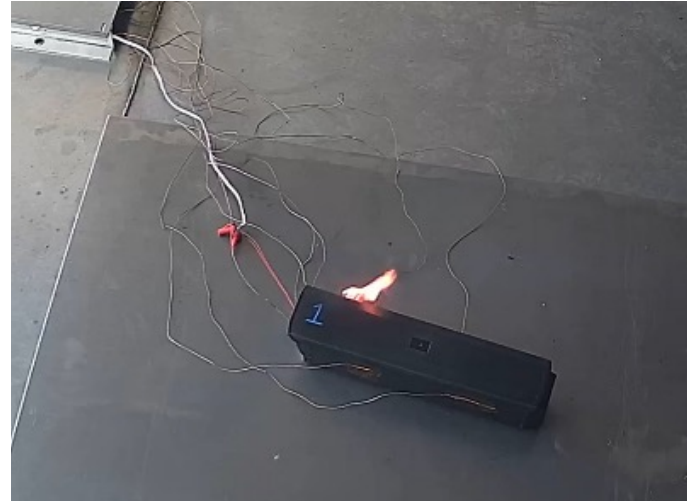
- FCL's technical team is now having an authorized and credible third-party testing facility validate internal results on the FCL Agent and compare with water and one main competitor's product
- Two test have been completed (19 small cylindrical batteries 0.8kWh and 1 e-bike battery 1kWh) and reports issued, a third test of electric vehicle 57kWh battery size has begun and subsequent analysis on-going



ALL PLANT PHOTOS ARE STRICTLY PRIVATE AND CONFIDENTIAL



Cylindrical “Cluster” Batteries



E-bike Battery

- 1kWh 18650 NMC battery
- Burning at ~650°C with full thermal runaway
- Time to extinguish ~4 seconds
- Over 10x efficiency compared to using water
- Used ~0.33 gallons of solution
- No reignition of the fire occurred after 1 application



EV Size Battery

Preliminary results (report pending)

- 57kWh NMC battery
- Burning at ~800°C with full thermal runaway
- Time to extinguish ~15 minutes
- No reignition



ROAD TO VALUE CREATION



- Proven and tested and fully operational processing plant in Nahunta, Georgia
- Over a period of 18 years had >15 engineering contracts and produced more than 20t of battery grade LC
- Mothballed in 2012 due to deteriorating market conditions



- Proof of concept on battery recycling completed in 2019/20, ongoing process optimization (Sourced 40k lbs of LIBs)
- Modified plant process flow sheet completed for quick restart
- Discussions with a number of companies with respect to midstream feedstock recycling business
- LEP technology in place – IP ongoing
- Developed new products – FSS
- C\$10M funding concurrently with TSXV go-public transaction and OTCQB listing

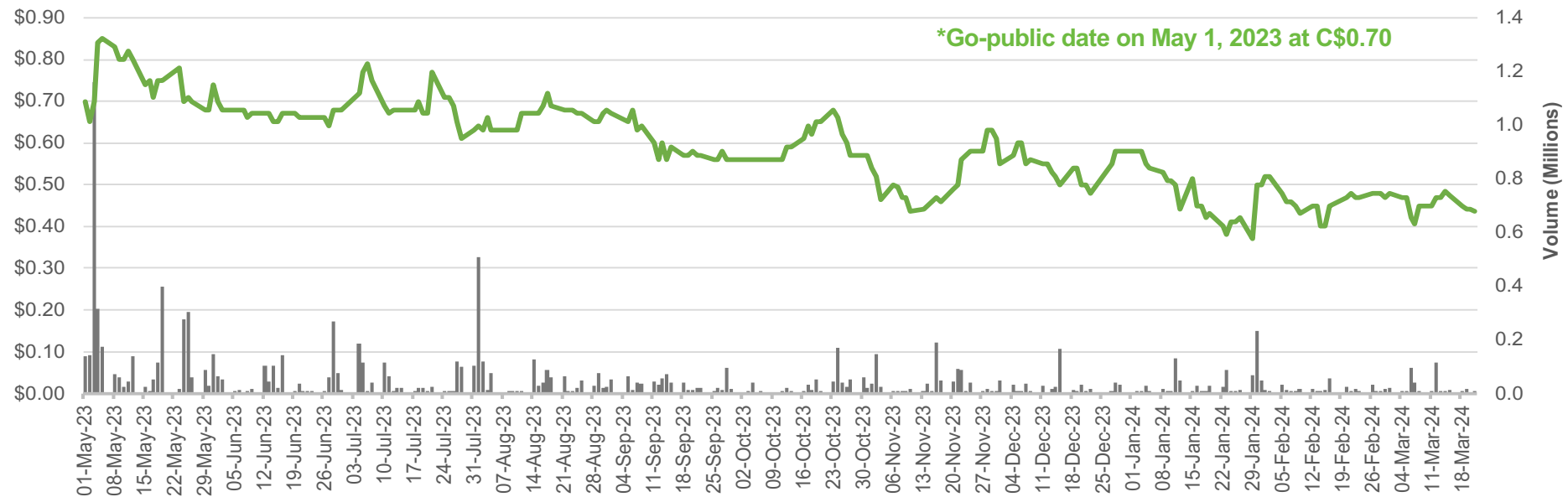


- Initial revenue generation for midstream feedstock recycling business
- Continued focus on midstream recycling business and FCL Agent
- FCL Agent 3rd party testing, validation, certification and partnership
- LIB sourcing for recycling and lithium refinery business continuing (feed used internally)
- Additional growth not funded, expected to come from: (a) plant expansion: up to 10kt LCE, (b) additional midstream feedstock recycling and lithium refinery deals, (c) FCL Agent and (c) selective and strategic JV/M&A



CAPITAL STRUCTURE*

| | | |
|-----------------------------|-----------------------------|------------------------------|
| 68.3 | C\$0.45 (March 21, 2024) | ~C\$37M |
| Issued & Outstanding Shares | Share Price (TSXV:FCLI) | Market Capitalization |
| 81.9 | ~C\$2M (as at Jan 31, 2024) | ~32% |
| F.D. Outstanding Shares | Net Cash | Insider Ownership (Mgmt/BoD) |





ADDITIONAL INFORMATION



LITHIUM-ION BATTERY POTENTIAL FIRE SAFETY RISK



LIB fires are becoming more common in EVs, Scooters, Airplanes, Homes, etc.



LITHIUM-ION BATTERY POTENTIAL FIRE SAFETY RISK



LIB fires are becoming more common in EVs, Scooters, Airplanes, Homes, etc.

Lithium-Ion Battery Fires SME
 Tim Butters · 21h ·

https://gcaptain.com/thermal-runaway-of-lithium-ion-battery-destroys-tankers-bridge/?subscriber=true&goal=0_f50174ef03-6bd51c476-170562835&mc_cid=6bd51c476&mc_eid=7eaf2ad576

gcaptain.com
Thermal Runaway of Lithium-Ion Battery Destroys Tanker's Bridge

American Firefighters Community · Join
 Bunker Burn · 5d ·

As with all equipment, please maintain your Solar Panel systems. Be aware of leaf litter accumulating on your roof & gutters. In this case the DC Isolator caught fire and then set fire to leaf litter under the Solar Panels. Be safe! 🇺🇸 - 11/2018.

Why do EV and e-bike batteries keep catching on fire?

Manufacturer defects can cause a process called 'thermal runaway'

Zacharie Landry, National Post Staff

Published Jan 05, 2024 · Last updated Jan 10, 2024 · 4 minute read

Best Way to Extinguish a Flaming Electric Vehicle? Let It Burn
 Fire departments across America are wrestling with fires in EV cars that last longer and are harder to extinguish

New York City Fire Department
 26,141 followers
 2mo ·

There have been 239 fires caused by lithium-ion batteries this year. The fires are intense and can best be described as an inferno. Today, the FDNY joined the U.S. Fire Administration, U.S. Consumer Product Safety Commission, Fire Safety Research Institute, Bureau of Alcohol Tobacco and Firearms, and UL Solutions to launch a national safety camp **Toronto apartment complex bans electric vehicles, citing fire risk**

Ban applies to electric bikes, motorbikes, unicycles, hoverboards, mopeds, Segways, skateboards and scooters

National Post Staff

Published Sep 18, 2023 · Last updated Sep 18, 2023 · 5 minute read

Burning questions remain on EVs and ship fires: Insurers

NorthStandard experts advise the industry to learn before overreacting on EV shipping risks. Interview is part of a preview of next week's World Maritime Merchants Forum hosted by China Merchants Group

15 Nov 2023 INTERVIEWS

by Cichen Shan
[cichen.shan@fortune.com](https://www.enr.com/story/ev-ship-fires)

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Firefighters battle blaze at Tesla lithium battery storage unit near Rockhampton

Fire crews near Rockhampton work to prevent blaze at Tesla lithium battery storage unit

Added Sep 26th, 2023

FORTUNE @FortuneMagazine Follow

A load of lithium-ion batteries has been burning for 5 days aboard a cargo ship now being kept 2 miles from Alaska's shore.

4:50 PM · Dec 30, 2023 · 15.2K Views

Alarming incidents involving lithium-ion batteries on planes
 Crew and passengers on a Jetstar flight established a backpack fire that was ignited by a lithium-ion battery as passengers were still boarding. The FAA has reported that as of early October, there have been 60 in-flight incidents involving the batteries. NBC News' Tom Costello has more.

Lithium-ion battery fires are up. Are firefighters ready?
 CBS News 5.58M subscribers
 670 likes ·

47K views · 5 months ago #lithiumbattery #electricvehicle #news
 Lithium-ion battery fires pose unique challenges to firefighters. CBS News' Ashhar Qureshi reports few firefighters know how to effectively fight.

Firefighters vs. EVs: Why EV Fires Are Harder to Put Out
 Firefighters are finding out that fires caused by electric vehicles last longer and are more difficult to put out. WSJ reporter John Kolman joins host Julie Chang to explain why EV fires are trickier than those caused by their gas-powered counterparts and what's being done in response. Photo: H. H. Borough Township Station 37.
 By Wall Street Journal
 November 13, 2023 · 6:42

Toronto sees 72% jump in lithium-ion battery fires, but what's being done to address safety?

International E-Save
 Chart large: Living Room
 Overcharge Time: 01:39:35

SURGE OF LITHIUM-ION BATTERY FIRES IN TORONTO

firerescue1.com
 Ala. FFs use 36,000 gallons of water on Tesla fire
 4 likes · 2 comments 1 share

DISTRICT One scary kind of battery for their device
 Toronto Fire Services

By Rick Mitchell and Michelle Mackley
 Posted January 1, 2024 3:59 pm · Last Modified January 1, 2024 4:04 pm

Lithium-ion battery fires are happening more often. Here's how to prevent them

Number of battery fires nearly doubled since 2022: Toronto Fire Services
 Toronto | News
 Updated 21:40 (A) EST, Thu March 9, 2023

SELECTED MARKET COMPARABLES



| Company | Market Cap. (US\$M) | EV (US\$M) | Locations | Business Segments | | | | EBITDA 2025E (US\$M) | EV/EBITDA 2025E (x) | Notes |
|--|---------------------|------------|---|------------------------|-------------------------|--------------------|--------------------|----------------------|---------------------|---|
| | | | | Battery Recycling | Other Lithium Recycling | Lithium Refinery | Upstream/DLE/Other | | | |
|  Li-Cycle | \$76 | \$76 |  | X | | | | \$160 | 0.5x | Solely focuses on LIB recycling, typical shred/blackmass/hydro. Many partnerships. Large investments with large negative EBITDA. |
|  ABTC | \$103 | \$91 |  | X | | | X (mining asset) | na | na | Selective disassembly/hydro; also owns a clay mining assets Tonopah in Nevada. |
|  Neometals | \$65 | \$52 |  | X (JV with Primobious) | X (Vanadium JV) | X (JV with MinRes) | | -\$6 | nmf | Diversified business through JV strategy. |
|  International battery metals | \$166 | \$156 |  | | | | X | na | na | Solely focused on DLE extraction for upstream assets. Building demo plants in USA/Latam. |
|  AQUA METALS | \$60 | \$66 |  | X | | | | na | na | Solely focused on black mass proprietary modified hydro technology, business through equipment, royalty, and service agreements. |
|  RecycLiCo | \$35 | \$21 |  | X | | | | na | na | CEO resigned and looking for a new management team |
|  | \$54 | \$53 |  | X | | | | na | na | Has refocused on solar panel recycling |
|  Electra | \$23 | \$69 |  | X | | X (cobalt) | X (cobalt) | \$44 | 1.6x | Mostly focused on the cobalt market, recently announced blackmass recycling business. In debt problems, strategic review on-going. |
|  | \$22 | \$20 |  | X | X | X | X | \$24 | 0.8x | Diversified business focused on lithium recycling in LIB and midstream operations, with a 2ktpa LC facility. Also working on lithium extraction from upstream assets, fire suppressant solution and lithium refinery. |

- Only a few comparables to FCL trade publicly or have estimated valuations
 - There are many other companies in the recycling business (Redwood, Cirba Solutions, Neometals, Lithion, Ascend) and other lithium processing (GEO40, Lilac, Summit Nanotech), each with its own processing differentiator (mostly not proven at scale); some mining companies are also working on DLEs
- Most public comparables are focused on recycling of long lead time end of life LIBs, no other public or private company has the strategy of recycling both LIBs and midstream feedstock, as well as pursuing lithium refinery

OUR TEAM



Carlos
Vicens

CEO, Director & Founder

- Mr. Vicens has over 25 years of years of global experience in capital markets, corporate development, strategy and investment banking including M&A and corporate finance.
- He previously worked as Vice-President in well known Canadian investment banking mining team and participated in over \$10B of M&A transactions and well over \$5B in equity and debt issuances.
- Over 10 years of hands-on C-level experience in the lithium sector, including his previous CFO position.

Thomas
Currin

COO & Founder

- Mr Currin has 40 years of lithium chemical production and process engineering experience, including Dupont and Livent.
- In 2016 Mr. Currin's engineering team received the Outstanding Partnership Regional Award by the Federal Laboratory Consortium for Technology Transfer.
- His strong relation the US Federal Laboratories places him at the forefront of developing innovative process technology in the renewable energy and lithium battery industry.

Paul
Fornazzari

Non-Executive Chairman

- Mr Fornazzari has over 30 years of global law experience in a number of industries focusing on capital markets and merger and acquisitions practice.
- Founding Chairman of Lithium Americas Corp. and founding director of Neo Lithium Inc.
- Partner at a Canadian law firm.

Dr. Bill
Bourcier

CTO & Founder

- Mr. Bourcier has worked and consulted with Lawrence Livermore National Laboratory (LLNL) for the last 35 years.
- He has over 20 patents and 50 publications resulting including a licensed patent for a process using reverse osmosis to produce marketable silica from geothermal waters.
- In 2008 he left LLNL to co-found Simbol Mining, a company focused on extracting lithium from geothermal brines.

OUR TEAM



Franco
Mignacco

Director

- Mr. Mignacco has a comprehensive understanding of the global lithium business. He is the President of Minera Exar S.A., the operator of the Cauchari Olaroz lithium brine project co-owned by Lithium Americas Corp. and Ganfeng Lithium Co., Ltd.
- In this current role Mr. Mignacco is leading the buildout of one of the largest lithium brine projects in the world including construction of the lithium processing facilities for the project. He was the co-founder of Lithium Americas and a director since 2010.

Mike
Cosic

Director

- Mr. Cosic is a strategic executive with 30 years of achievement in a variety of industries, including lithium, where he was the CFO of Lithium Americas Corp. when the company merged with Western Lithium to create an industry leading lithium resource company.
- Mr. Cosic has been a public company CFO, a public company CEO, and the audit committee chair for a TSX listed company.
- He has extensive experience in obtaining financing for early-stage companies.

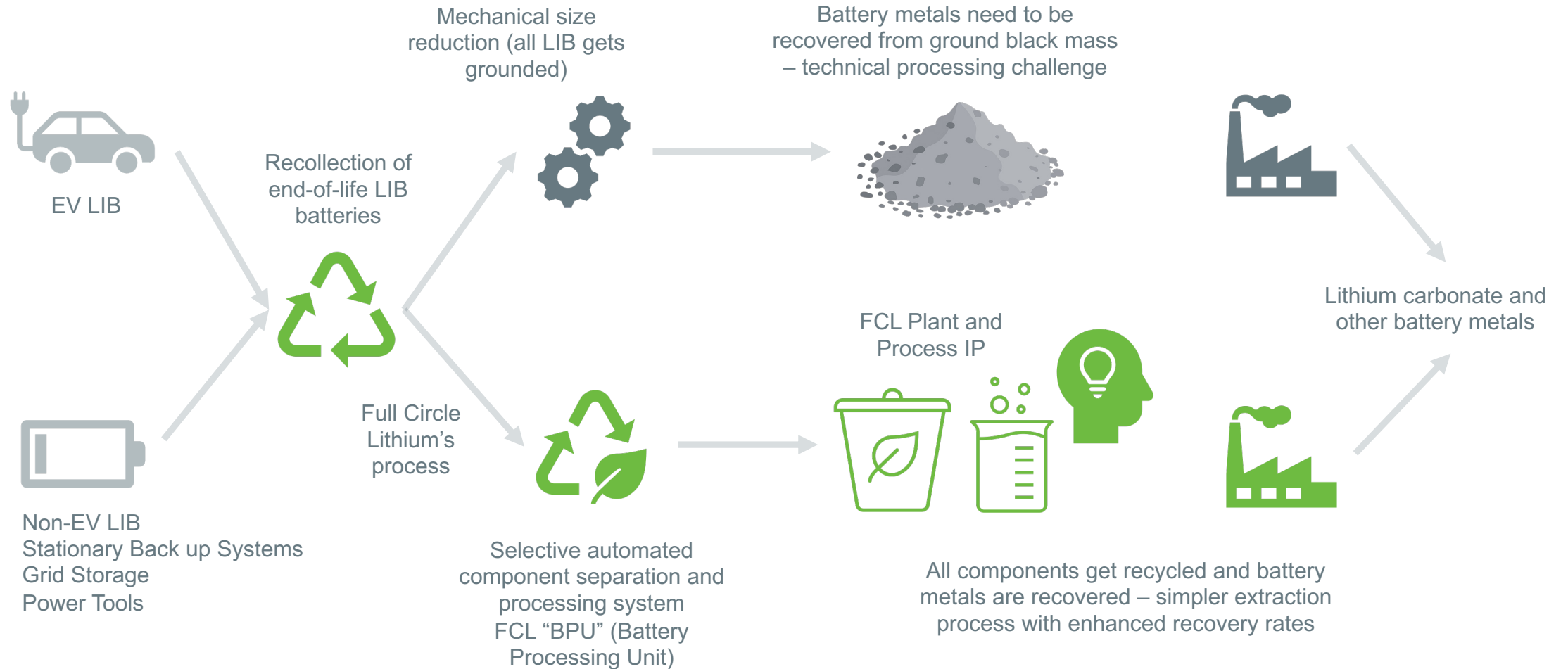
Orlee
Wertheim

Director

- Ms. Wertheim started her career as a corporate lawyer, where she acted for both domestic and international public companies. Using this experience, she joined the TSX's Listed Issuer Services department.
- Ms. Wertheim was responsible for the development and execution TSX's global strategy for attracting new listings in the mining sector.
- Most recently, she acted as Capital Markets Counsel at a major Canadian law firm.



END OF LIFE BATTERY RECYCLING (LFP FOCUSED)



Focused on mitigating the three process safety risks of LIB recycling: discharge of batteries, hydrogen/heat generation and fluoride process/recovery



- FCL can offer lithium extraction and lithium carbonate production expertise
 - The FCL team has produced lithium precursor from brines, clays, hard-rock and petro-brines and saleable lithium chemicals for over four decades
 - FCL's plant can act as a pilot and/or full commercial processing plant for US based projects that want to tap into FCL's expertise and save significant time and money in developing their own such plants and expertise
- Significant interest in lithium chemical extraction and processing expertise
 - Most upstream development stage mining companies (brines, clays, hard-rock, geo-brines and petro-brines) lack lithium processing expertise and/or do not have a pilot plant or commercial plant or the knowhow to build one.
- Extraction and processing of the lithium is highly complex and very particular to the chemistry of each project, however once lithium sulfate or lithium chloride is produced the process is well understood
- Few lithium refineries in the USA and capacity is limited, prices of lithium products have generally increased over the past two years and are harder to secure from USA producers – Albemarle and Livent
- There is a need for new, nimble and adaptive lithium chemical processing companies that can meet the growing need for processing various feedstock and/or precursor raw lithium concentrates and supply the market with battery grade lithium

GEORGIA, USA PRIME LITHIUM PROCESSING REAL ESTATE

Electric Mobility Manufacturing

- In Georgia alone EV-related projects have surpassed US\$20B with OEM's such as Hyundai Motor Group & Rivian, battery suppliers such as SK Battery and Freyr, as well as other supply chain enablers which include battery recyclers Ascend Elements and SungEel Recycling
- Other include:, Aspen Aerogels, Aurubis, Caterpillar, Club Car, Cimbar Performance Minerals, Denka, Dongwon Tech, Duckyang America, EnChem Ltd., EcoPro, Energy Assurance GEDIA, JCB, Kirchoff, Heliox, Plug Power, TEKLAS, Textron, Wonbang Tech, Yamaha Motor Manufacturing



Strong Workforce

- State-sponsored training facilities, high-end education programs, and nationally ranked colleges provide Georgia businesses with talent to achieve success

Supportive consumer adoption of EVs and electrification

- Public and private entities are offering incentives and suggesting policies to support continued growth of the electric mobility sector (Electric Vehicle Supply Equipment Tax Credit & \$250 Georgia Power rebate program)
- Georgia is 6th in the nation for public EV charging stations, offering more than 1,500 individual outlets, equating to more outlets per capita than anywhere in the Southeast
- The State of Georgia is focused on the future of electrification



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