EarthRenew

Leading Producer and Marketer of Innovative Regenerative Fertilizer Products

ESG Investment in Regenerative Agriculture Technology

Forward-looking statements

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Company Overview

Our North Star

Our vision is to become the dominant player in the regenerative soil nutrient market within our served geographies by 2025, growing from 40kt/yr to 400kt/yr.

What We Do

Manufacture high-value fertilizer from residues that build back productive, healthy soils critical to the high growth regenerative agricultural market.

How We Do It

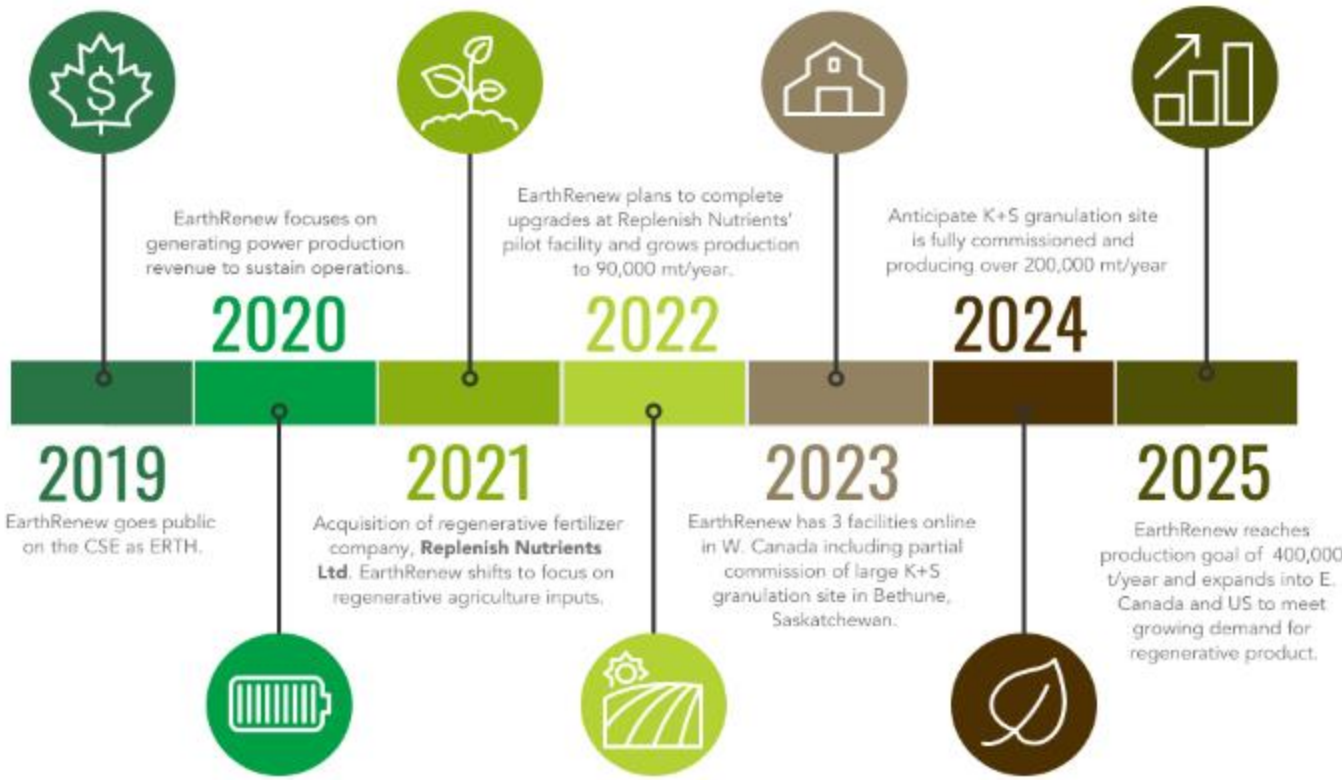
Utilize a proprietary granulation process to upcycle a proprietary blend of nutrients into high-value regenerative fertilizer for sustainable farming.

How We Grow

Expand our production capacity and build out our branded product offering in Canada and the NW US; extend our geographic reach across the U.S. and Globally.

Our Impact

Regenerative farming can sequester 1.5 GT/yr of CO2E into soil[1]. Regenerated topsoil health using natural microbes improves fertility and crop production.



1. Roe, S., Streck, C., Obersteiner, M. *et al.* Contribution of the land sector to a 1.5 °C world. *Nat. Clim. Chang.* **9,** 817–828 (2019).

Grow production & distribution capacity from 40k mt/yr to 400k mt/yr by 2025

Investment Highlights

Experienced Management Team with Vast Industry Experience	• Executive team with decades of experience building ventures both in and out of the agricultural sector. • Core strengths cover product development and commercialization, ag. technology, R&D, sales and marketing. • An expanding board to support strategy and provide governance through this period of rapid growth.
Proven Regenerative Fertilizer Products Targeting $6 billion Addressable Market	• Expanding aggressively at >200% (CAGR) with $15+ million of sales (CY2021) while achieving 25%+ gross margin. • Sales only limited by current production capacity; Off-take agreements in place or in negotiation for 5x current sales volume. • Products have been tested on farm in commercial applications over the past decade with documented efficacy.
Feedstock & Off-Take Secured For Major Expansion	• Feedstock supply agreements in place for all inputs with Tier 1 suppliers: GFL, Fertoz and K+S Potash Corp. • Feedstock secured with preferred pricing due to EarthRenew's proprietary process and geographical location. • Six year off-take agreement in place with P&H Ltd. (large distributor) compliments existing spot demand.
Regenerative Farming Delivers Healthier Soil and Significant CO_2 Reductions	• Regenerative farming can sequester 1.5 GT/yr of CO_{2E} into soil and eliminate need for harmful pesticides[1]. • Regenerates topsoil health using natural microbes to improve fertility and crop production. • EarthRenew adds proprietary organic additives to create regenerative fertilizer critical to creating soil microbes.
Raising Capital to Execute Large Expansion to Fulfill Unmet Demand	• $25 million equity financing alongside $25 million debt to fund 200,000 MT expansion at Bethune, SK ($40 million CAPEX). • $16.7 million of run-rate EBITDA upon completion of expansion (Q4 2022). • $15 million working capital facility required, ramping during project commissioning.

1. Roe, S., Streck, C., Obersteiner, M. *et al.* Contribution of the land sector to a 1.5 °C world. *Nat. Clim. Chang.* **9,** 817–828 (2019).

Poised for growth with the business fundamentals in place

Management Team

Keith Driver
M.Sc., P.Eng., MBA
President & CEO

Keith has served in leadership positions in several environmental technology companies over the past 15 years. His experience includes senior management, marketing and technical roles and is focused on emerging products or technologies. Many of these opportunities have focused on processing organic feedstocks and marketing the end-products, such as compost and biochar. Mr. Driver holds two degrees in engineering, an MBA and served as a sessional instructor at the Universities of Guelph and Calgary.

Kerri Lee McGovern
MBA, B.Sc
COO

Kerri has over 20 years of experience supporting entrepreneurs and start-up companies in the technology space and adjacent sectors.. She previously held roles including VP of Partnerships and VP of Business Development at Tynt Multimedia, which was acquired by 33 Across. Prior to this she was as Senior Analyst with BDC Venture Capital focused on software and biotech investments. Ms. McGovern holds a B.Sc from the University of Alberta and an MBA from the University of Victoria.

Shawn McMillan
CPA, CA, CF
CFO

Shawn brings a wealth of hands-on experience growing and turning around companies to maximize their value to shareholders. He previously served as CFO of private entities that had revenues ranging from $3M to $400M+. Prior to those he held senior financial positions with publicly traded entities. Mr. McMillan is a CPA, CA with over 18 years' experience and holds a BComm from University of Alberta.

Neil Wiens
B.Sc
CTO & Head of Sales

Neil has been a serial entrepreneur over the past 20 years. Neil has focused on nutrient recovery from waste products throughout Western Canada and transforming them into useable agricultural nutrients. Neil spent many years serving on the Recycling Council of Alberta and the Compost Council of Canada. . Neil has created a variety of "nutrimental" fertilizer products ranging from the Biosul to the current line of Replenish macro- and micro- nutrients. Neil holds a Bachelor of Science in Agriculture.

Gerard Philpott
M.Sc., P.Eng., MBA
EVP, Corp. Dev.

Gerard has over 25 years of experience in the energy and agriculture sectors, with senior leadership roles in sustainable nutrient and renewable technology development, energy portfolio development, operations, and asset management. Gerard is a registered Professional Engineer and holds a Bachelor of Science in Electrical Engineering, Master of Applied Science in Environmental Engineering, and a Master of Business Administration.

Kevin Erickson
PMP, Dip. Ag
EVP, Facilities & Ops

Kevin has 34 years of experience with 25 years in senior management roles in fertilizer research, product development and logistics in the Agriculture industry. Kevin's roles in fertilizer research and development include fertilizer interactions with multiple crops, product development and certification of products for the Organic and Regenerative Agriculture industries. Kevin holds a PMP designation along with a Diploma in Agronomy.

EarthRenew Board of Directors

Board of Directors

Keith Driver
M.Sc., P.Eng., MBA
President and CEO

Neil Wiens
B.Sc
CTO & Head of Sales

Catherine Stretch
Independent Director

Catherine is Vice President, Corporate Affairs at Troilus Gold Corp. She has 20 years of experience in capital markets with a particular focus on the formation, development and operation of resource companies and was previously a partner and the Chief Operating Officer of a Canadian investment firm which had $1 billion in assets under management. Ms. Stretch has a Bachelor of Arts in Economics and History from Western University and a Masters of Business Administration from the Schulich School of Business at York University.

Chris Best
Independent Director

Chris is an independent energy-consultant in Alberta. He has over 20 years of experience in the Alberta electricity industry, holding a variety of positions in integrated oil and gas companies, pipelines, utilities, energy marketers, and independent power producers. Mr. Best holds a B.Comm in Finance from the University of Calgary, Faculty of Management, Haskayne School of Business.

Currently recruiting an additional independent board member with experience within the following sectors, as identified through the completion of a skills matrix assessment of the existing board, as follows: facility development, finance, audit, human resources, mergers and acquisitions, investor relations and US fertilizer market. Recruitment and interviews are currently on-going.

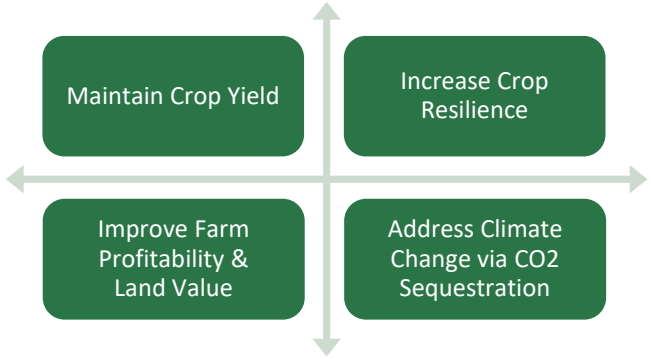
Regenerative Farming 101

What is Regenerative Agriculture

- A set of farming practices that combine to regenerate the topsoil that provides the basis for fertility and long-term crop production.
- Regenerative applies to organic & conventional agriculture.

What are the Benefits

- Helps reverse climate change by rebuilding soil organic matter and restoring degraded soil biodiversity resulting in the sequestration of CO_2 and an improved water cycle.



Graphic produced by General Mills, 2018 - blog.generalmills.com

Customer Pain

- Farmers require crop inputs that provide a dense nutrient profile, support plant growth and build back the soil. Conventional synthetic fertilizers provide nutrients to feed the plant, but offer no beneficial ecological outcomes.

EarthRenew Solution

- Produce regenerative fertilizer products with proprietary organic materials that help nurture a high-quality and biologically active soil critical to achieving optimal crop health.

Regenerative agriculture is driving activity in agriculture, as an alternative to organic.

Target Market

Market Size

Global fertilizer market is worth $84 billion (2020)

North American market is worth ~$25 billion (2021)

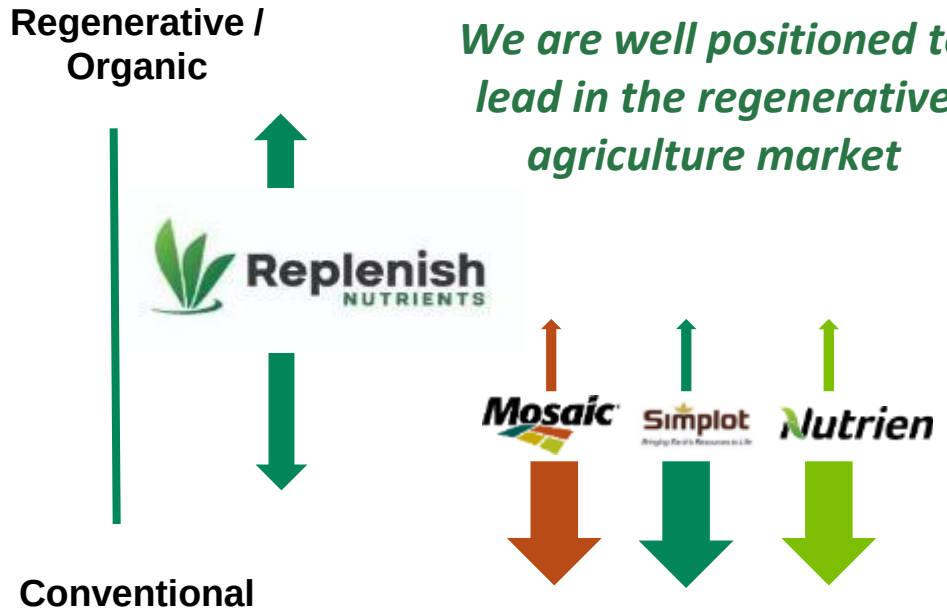
Canadian fertilizer market is >**$6.0 billion** (2021)

- ~60% of the demand is for Nitrogen fertilizers
- Remaining ~40% is for Phosphorus, Potassium and others creating at $2B market opportunity.
  - 40% of farmland is in SK and we are starting to service this region.
  - AB has ~23 million acres for crops and we service ~0.5% of these acres.

Our products are priced based on conventional commodity nutrient pricing and are compatible with farmers generating carbon credits.

https://www.statista.com/statistics/942034/canada-fertilizer-manufacturing-industry-figures/

Main Competitors



We are well positioned to lead in the regenerative agriculture market

Regenerative Agriculture Headlines

General Mills - adding 1 million acres of regenerative soil [1]

Cargill - supporting development of 10 million acres [2]

McCain Foods - growing 100 per cent of its potato fields (370,000 acres) [3]

PepsiCo – applying regenerative practices on 7 million acres farmland [4]

Nestle – investing $1.6B CAD to support regenerative ag within their supply chain [5]

1. (General Mills)
2. (Cargill)
3. (McCain)
4. (PepsiCo)
5. (Nestle)

The market for these products is substantive in western Canada.

Value Chain

Integrated platform for the sourcing, manufacturing and marketing/distribution of regenerative fertilizers.

Unique Agronomic Inputs

We combine organic residual nutrients with pure mineral sources to produce high-value soil health products that act by feeding and increasing the supply of soil microbes.

Blending and Granulating

We blend and granulate our fertilizers to make for ease of application, handling and storage using conventional farm equipment. By capturing recovered heat from electricity generation, we reduce our cost of production and GHG footprint.

Marketing and Distribution

We market and distribute through established channels. Our unique regenerative product line aligns with partners focused on scalable, sustainable soil solutions.

We are experts producing high-value soil health solutions
that deliver conventional agronomic value *and* regenerate the soil.

Intellectual Property Platform

We apply Freedom to Operate for our Production process including the use of a low-carbon, high-efficiency technologies. We also hold patents for waste heat for drying which we can use in production.

For our products, we focus on trademarks for brand and proprietary additives to protect formulations.

Products

- Trademarks for key product brands.
- Robust field trial program to show value.
- Trade secret additives for formulations to ensure uniqueness

Production

Granulation

- Readily available equipment is packaged
- Process patent to be considered

Drying

- US patents for use of waste heat for drying
- Lowers energy costs & GHG emissions.

Innovation

- Granulation for improved storage, handling and application
- Nitrogen solution to blend with existing products
- Micronutrient additives and biological enhancements

Significant moats created through product and production innovations.

EarthRenew's Soil Health Solutions

Soil Health Solution Product Families

Sustain PKS
Bio-Active Potassium, Phosphate and Sulphur
0-9-20-20

Super KS
Bio-Active Potassium and Sulphur
0-0-35-30

Rebuilder
Bio-Active Phosphate and Sulphur
0-17-0-12

Bio-Sul
Bio-Active Sulphur
0-0-0-70

Additives

- Bio-Actives
- Bio-Inoculants
- Boron
- Iron
- Biochar

From: Biochar Now

Competitive Differentiators

1. We offer producers product whose constituent ingredients they are familiar with, in a desirable format (granulated) that they can apply using existing equipment.
2. Our solutions release nutrients at the right time due to their active biochemistry and ability to unlock existing investment in soil.
3. Improved soil health decreases the amount of seed (due to lower seed mortality), pesticides, and fungicides farmers need to apply to maximize crop production.

EarthRenew has a product solution for every acre of soil.

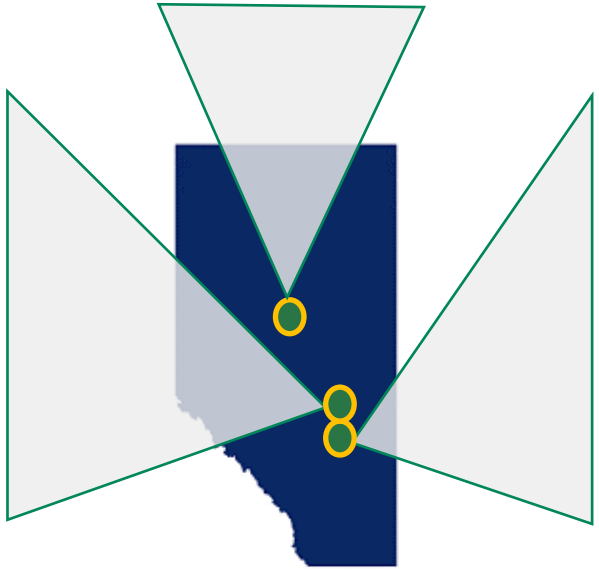
Current Facilities

Beiseker Blending and Granulating Facility

1. Located in Beiseker, Alberta.
2. The site is currently expanding to 20,000 tonnes per year of granular production.
3. Site re-development to be complete in late 2021.
4. Provides demonstration of processing and granulation equipment for larger sites.

Debolt Blending Facility

1. Providing blending for the NW region of Alberta
2. Infrastructure upgrades completed in 2021



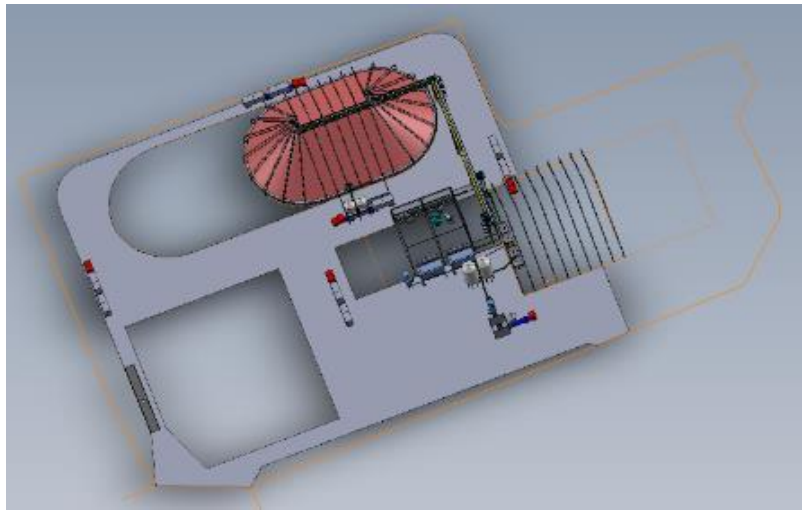
Strathmore Thermal Processing Facility

1. Located on ~25,000 head feedlot near Calgary, AB.
2. Original demonstration site for the patented waste heat recovery technology.
3. Project redevelopment pending review.
4. Currently operational for electricity generation providing hedge to business on electricity usage.

Major Expansion – K+S Bethune Facility

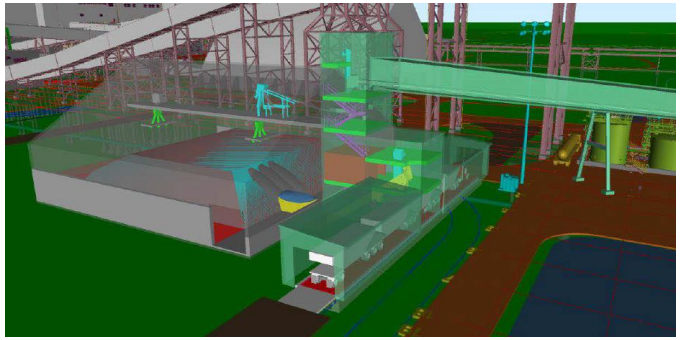
Project Details

- 200,000 t/yr granulation facility
  - Expandable in 50,000 t/yr increments
- Three buildings to be located on serviced K+S mine site
  - Project supports de-bottlenecking of K+S facility
- Local feedstock available nearby and contracted
  - ~58% from K+S delivered direct from storage
  - ~42% from GFL site east of Regina
- Feedstock cost advantage: low/no freight; debottlenecking of K+S facility operations provides for preferential feedstock cost



K+S Enabling Project

- Storage and loading facility to facilitate delivery to our project.
- Significant investment committed and project scheduled for Spring 2022



Compelling project co-located with key supplier & close to secondary supplier

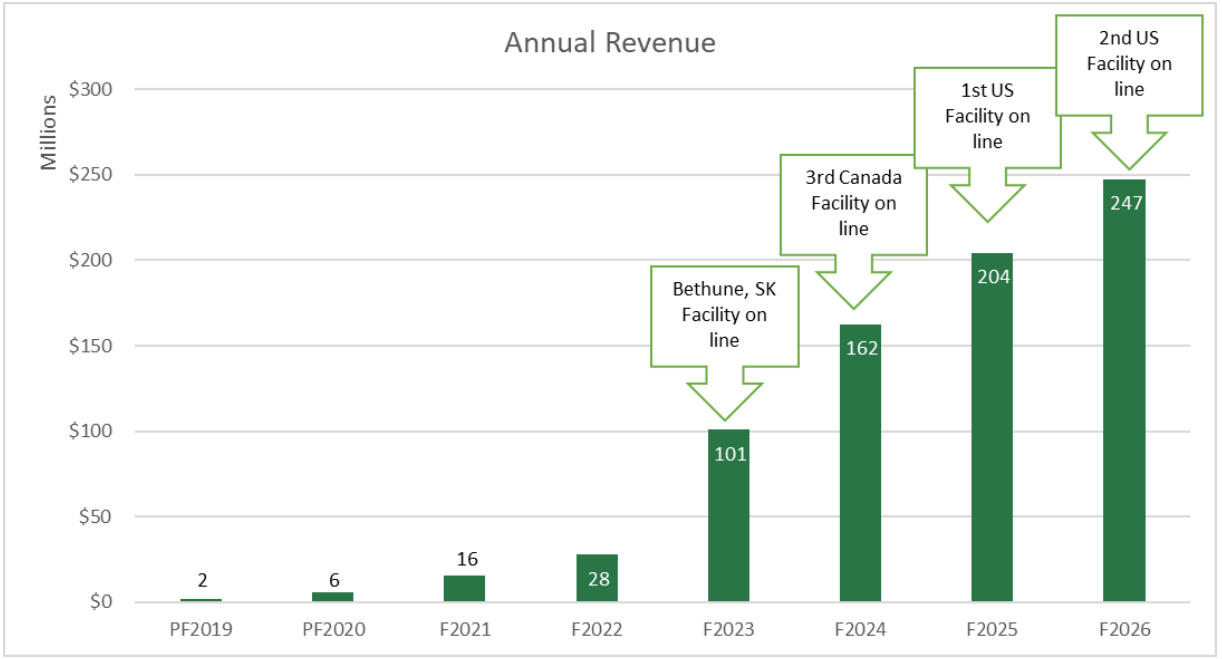
Growth Plans

Production Capacity

Growing the number of granulation sites will be accompanied by the construction of regional storage and blending capacity (similar to Debolt). Increased capacity for blended products will be achieved through the partnership with GFL.

		2021	2022	2023	2024	2025
Number of Granulation Sites		1	2	3	4	5
Geography for Additional Site		Beiseker, AB	Bethune, SK	Canada (1) / US (2)		
Granulation Capacity (t) (1)		20,000	220,000	320,000	420,000	520,000
In-Year Production (t)	Granulated	4,000	19,000	170,000	315,000	395,000
	Blended	30,000	46,000	46,000	43,000	28,000

(1) Note: Granulated capacity includes facilities that are commission for operation in year. Granulation facilities expand on 50,000 tonnes per production line. In-year production differs given timing for commissioning and ramp up.



Marketing Capacity

Building capacity for marketing and distribution of products with existing retail partners, and growing network across geographies.
Tailor additives and products to meet local market needs and preferences.

Focus on dominance within geographies and expand from strength.

Capital Structure

Capital Structure		
Share Price[1]	$	0.180
Basic Shares		92,329,262
Options[2]		6,251,653
Warrants[3]		11,216,410
FD Shares *(treasury method)*		92,829,259
FD Market Cap (treasury method)		**16,709,267**
Net Debt[4]		2,921,888
Enterprise Value		**19,631,155**

1. Share price as at October 21, 2021
2. Strike prices ranging from $0.18 to $0.42. Weight average exercise price of $0.267
3. Strike prices ranging from $0.20 to $0.475. Weight average exercise price of $0.29
3. As at August 31, 2021 (debt less cash)

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We look forward to connecting