Sultech™ 16

MEDIA KIT

So small it’s invisible.
So powerful it’s indispensable.

Unlocking the power of sulphur for healthier crops, more sustainable soil

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THE SULTECH STORY

Born in Alberta. Built for the World.

Sultech Global Innovation Corp. is a Calgary-based agricultural technology company transforming how the world uses sulphur to improve soil health and crop performance.

By converting elemental sulphur from Alberta's energy sector into micronized particles, Sultech demonstrates the circular economy in action: taking a bulk commodity by-product and repurposing it into a sustainable input that supports food production, soil health, and emissions reduction.

For years, elemental sulphur was underutilized in agriculture because incumbent/traditional products oxidized too slowly to produce plant-available sulphates in the year of application. Farmers needed sulphur, but the industry lacked a form that delivered fast, efficient, and sustainable nutrition.

Sultech Changed That

Working with Alberta innovators, industry partners, and researchers, Sultech pioneered a breakthrough micronization process that converts elemental sulphur into ultra-fine, highly available particles that soil microbes can rapidly oxidize. This patented platform produces a range of products specifically designed for the challenges of modern agriculture, including SulGro™65, a sprayable, high efficiency broadacre sulphur formulation.

Today, Sultech's technology is recognized internationally, including a recent partnership agreement with ADNOC in the United Arab Emirates. The company is entering a new phase of growth as it constructs a major Alberta manufacturing facility that will anchor domestic supply and position Sultech and the province of Alberta as global leaders in sustainable sulphur innovation.

HOW IT WORKS & WHAT IT SOLVES

How It Works

Sulphur deficiency is now widespread across North America and globally, as cleaner fuels and modern farming practices have sharply reduced natural sulphur deposition in soils, leaving many high yield crops chronically under-supplied. Sultech's proprietary technology unlocks sulphur's agricultural potential by reducing sulphur particles to micron-scale, dramatically increasing their surface area and bioavailability.

The process in simple terms:

1. Molten sulphur from natural gas or refinery operations is injected at high velocity into a water-polymer mixture.
2. This creates micronized particles with a typical range of 5 to 600 microns (the diameter of a human hair is 50 microns) suspended in liquid.
3. The slurry is then taken off the bottom of the target vessel, separated into a variety of particle ranges and maintained at 8% to 12% surface moisture for safety and ease of handling.
4. When applied to soil, the tailored range of micronized particles will oxidize at various rates, making sulphates available to crops throughout the growing season and when they need it most.

The result is a clean, efficient pathway that transforms a bulk commodity energy by-product into a climate-smart agricultural input that supports global food production.

What It Solves

1. Sulphur Deficiency in Modern Cropping Systems

Cleaner fuels and advanced emissions controls mean far less sulphur is deposited naturally onto soils. As a result, many fields no longer receive adequate sulphur to support high-yielding crops. Sultech's SulGro product line provides a consistent, plant-available source that supports protein formation, nitrogen use efficiency, and overall crop health.

2. Slow and Inefficient Uptake of Traditional Elemental Sulphur

Conventional elemental sulphur often oxidizes too slowly to meet crop demand. Sultech's ultra-fine micronized particles offer dramatically increased surface area, enabling faster, more predictable oxidation by soil microbes, ensuring sulphates becomes available when plants need them.

3. Fertilizer Efficiency and Agronomic Flexibility

Sultech's proprietary platform enables uniform particle size, stable suspensions, and flexible application (spray, broadcast, blend). This improves nutrient-use efficiency, integrates easily into existing fertility programs, and minimizes operational challenges for growers.

4. Lower Carbon Footprint and Cleaner Production Pathway

Reducing the carbon footprint of crop inputs is a priority for Agriculture and Agri-Food Canada, as well as many other global jurisdictions. By using sulphur directly from energy processing streams and avoiding the higher emissions profile of synthetic sulphate fertilizers, Sultech offers growers a low-carbon sulphur source that aligns with sustainability targets while improving soil performance.

5. Circular Economy Value Creation

Sultech converts a bulk commodity energy by-product into a high-efficiency crop nutrient, reducing waste, lowering emissions, and creating value for both the energy sector and agriculture.

SULGRO™ PRODUCT PORTFOLIO

Engineered Sulphur. Built for Performance.

Sultech's SulGro™ portfolio is built on our proprietary platform: micronized elemental sulphur engineered to deliver rapid oxidation, improved nutrient efficiency, and reliable crop performance.

By reducing sulphur to ultra-fine particles, Sultech dramatically increases surface area and bioavailability, enabling soil microbes to convert elemental sulphur into plant-available sulphate throughout the growing season.

THE RESULT: high-efficiency, lower-carbon sulphur nutrition designed for modern agriculture.

Platform Advantages

- >90% in-season conversion to plant-available sulphate
- Compatible with conventional nutrient application systems
- Nutrient-dense and operationally efficient
- Lower-carbon sulphur pathway
- Converts energy by-product into high-value agricultural input

SULGRO™65

5µ ≤ 105µ

High-efficiency, liquid-applied sulphur designed for precision application and rapid soil response. Compatible with conventional nutrient applicators. Delivers >90% conversion to plant-available sulphate throughout the season of application.

Best suited for:
In-season application; precision fertility programs; sulphur-deficient soils requiring fast availability.

SPRAYABLE APPLICATION
RAPID OXIDIZATION
LIQUID BULK

SULGRO™85

5µ ≤ 105µ

Value-add super fine powder.

Best suited for:
Feedstock for sprayable suspensions, granular coatings and third party products that demand a very small particle size.

RAPID OXIDIZATION
VALUE ADD
BULK BAG

SULGRO™100

105µ ≤ 600µ

Premium micronized sulphur feedstock designed for broadcast application for pH soil amendment and plant nutrient.

Best suited for:
Surface broadcast, applied alone or blended; nutrient-dense; rapid, reliable oxidization, and correction of high pH soils.

BROADCAST APPLICATION | CONTROLLED OXIDIZATION | VALUE ADD | BULK BAG

SULGRO™MAX

5µ ≤ 600µ

A value-add raw input to synthetic and non-synthetic granular products.

Best suited for:
Ready to use blend; easily integrated into existing product formulations and processes.

RAPID OXIDIZATION | CONTROLLED OXIDIZATION | VALUE ADD | BULK BAG

SulGro™ products are manufactured in Alberta and designed to serve growing agricultural markets across North America and internationally.

PRESS RELEASE

Sultech and Canlin Energy Announce New Alberta Manufacturing Facility to Scale Micronized Sulphur Technology for Global Crops

Made-in-Alberta fertilizer innovation expands domestic supply and strengthens Canada’s global agtech leadership.

Calgary, Alberta – April 14, 2026 – Sultech Global Innovation Corp. today announced a strategic partnership with Canlin Energy Corporation to develop Alberta’s first commercial micronized sulphur manufacturing facility. The new plant, to be built at Canlin’s Wildcat Hills Gas Plant west of Calgary, will anchor Sultech’s domestic production capacity, with construction now underway and commissioning targeted for 2027.

Supported by a $5 million investment from Emissions Reduction Alberta (ERA) through its Emerging Innovators Challenge, the facility will produce 50,000 metric tonnes annually of patented micronized elemental sulphur products.

This advanced plant will meet surging global demand for high-efficiency soil amendment and plant nutrient solutions by transforming an abundant, bulk-commodity energy by-product from oil and natural gas processing into a low-carbon, high-value agricultural resource that improves soil health, crop quality, and fertilizer efficiency. At the same time, the facility’s innovative production process will reduce sulphur disposal requirements, cut emissions, and establish a scalable, high-efficiency circular-economy model that benefits farmers, the environment, and Alberta’s energy and agriculture sectors.

“This is a defining moment for Sultech and for Alberta’s resource economy,” said Murray MacKinnon, founder and CEO of Sultech. “This technology was born, proven, and is now being scaled in Alberta at a transformative level. Turning energy by-products into high-value agricultural nutrients is exactly the kind of innovation Alberta and Canada can lead on the world stage. Our 50,000 MT of annual capacity positions us to supply

meaningful volumes of high-efficiency, low-carbon sulphur nutrients to farmers across North America and beyond."

"This strategic partnership demonstrates how Alberta's energy sector can think differently about its natural gas resources," said Dean Bernhard, CEO and Director of Canlin Energy. "By integrating Sultech's technology directly at our Wildcat Hills Gas Plant, we are converting recovered sulphur into a high-performance agricultural input rather than managing it as surplus material extracted from our natural gas stream. Together with Sultech, we are assisting with improved soil health, crop quality and yields for the benefit of global food systems."

Statement from Emissions Reduction Alberta (ERA):

"Sultech demonstrates how innovation can turn industrial by-products into solutions that support farmers, strengthen our economy, and reduce emissions. It's a great example of Alberta's leadership in advancing new technologies that connect our energy expertise with global food systems to create a more sustainable future," said Justin Reimer, CEO, Emissions Reduction Alberta.

Statement from Calgary Economic Development:

"Calgary is and always will be the energy capital of Canada, and this leadership continues to power new forms of collaboration across sectors. Sultech's partnership with Canlin Energy demonstrates how companies here work across traditional boundaries to translate bright ideas into commercial concepts at scale – and what's possible from the Blue Sky City," said Brad Parry, President and CEO of Calgary Economic Development and CEO of the Opportunity Calgary Investment Fund.

Sultech's micronized sulphur products — including its flagship formulation SulGro™65 — are gaining international traction. In late 2025, Sultech signed a collaboration agreement with ADNOC Sour Gas in the United Arab Emirates to explore global deployment of the technology.

About Sultech Global Innovation Corp.

Founded in 2014, Sultech Global is redefining sulphur fertilizer technology with its patented micronized elemental sulphur platform. The SulGro™ product portfolio delivers precision nutrition, improved soil health, and reduced environmental impact. By transforming recovered sulphur into high-efficiency, low-carbon products, Sultech supports global agriculture and food security while advancing the circular economy. The company's proprietary technology is also positioned for future application potential in clean technology, water treatment, and advanced materials. Learn more at www.sultechglobal.com

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FAQ

Who is Sultech?

Sultech Global Innovation Corp. is a plant nutrient and soil amendment company addressing one of the greatest challenges of the 21st century: how to meet the global need to produce more food for a growing population without compromising the planet's resources or economic benefits to producers. Sultech is a 100% independent, Canadian majority owned and operated company.

Why is sulphur important for crops?

Sulphur is essential for protein formation, nitrogen efficiency, chlorophyll production, and crop stress tolerance. Yet many modern soils are sulphur-deficient due to intensive cropping and sharply reduced atmospheric sulphur deposition.

When used as a soil amendment, elemental sulphur delivers additional agronomic benefits. As it oxidizes, it gently acidifies soil, helping to:

- Lower pH in alkaline soils
- Improve sodic and calcareous soil structure
- Increase phosphorus availability by reducing phosphate fixation

What makes Sultech's technology different?

Traditional elemental sulphur is slow to oxidize. Sultech's micronized particles (30 microns, invisible to the human eye!) oxidize rapidly, delivering plant-available sulphate efficiently and sustainably, and is easily applied.

Where will the new facility be located?

The Alberta facility will be co-located with Canlin Energy's Wildcat Hills Gas Plant to utilize molten sulphur streams directly from natural gas processing.

What benefits does the facility provide to Alberta?

- Supports value-added manufacturing by moving beyond bulk exports to higher-value agricultural production
- Job creation and local economic benefits
- Circular-economy value creation
- Emissions reduction from reduced sulphur disposal
- Global recognition of Alberta AgTech innovation

How is the project funded?

In July 2024 Emissions Reduction Alberta announced an investment of CAD $5M through the Emerging Innovators Challenge. The balance of funding is provided by existing shareholders.

Is Sultech expanding internationally?

Yes. Sultech's micronized sulphur platform is gaining global adoption, including a high-profile collaboration with ADNOC Sour Gas in the UAE. We are poised to begin agronomy trials in Australia and Brazil. We are currently exploring distribution partnership agreements in Japan and Mexico.

When will the Alberta facility be operational?

Construction began in early 2026 with commissioning targeted for late 2027.

What products will be manufactured?

The facility will produce SulGro, our range of micronized elemental sulphur formulations for three key agricultural market segments: crop nutrient, soil health & value-added enhancement of existing agricultural products and applications.

Meet the Team – Bios

Murray MacKinnon, MET
Founder and Chief Executive Officer

Murray MacKinnon is the founder and CEO of Sultech Global and the driving force behind the company's breakthrough micronized sulphur technology. A graduate of the Southern Alberta Institute of Technology (SAIT) in Mechanical Engineering Technology, he built his career in Alberta's energy sector, managing and delivering complex, multi million-dollar projects that combined engineering innovation with practical execution.

Before co-founding Sultech, Murray served as Global Manager of Hydration Systems at ABB, leading major enhanced oil recovery and polymer hydration projects for companies such as CNRL and EnCana. He is also named as an inventor on a patented Enhanced Oil Recovery technology filed in 2007.

At Sultech, Murray led the design and development of the company's patented process (patented in both Canada and the USA) for converting elemental sulphur into a highly available agricultural nutrient. His technical leadership and persistence have transformed a made-in-Alberta idea into a globally scalable clean-technology solution positioned to improve soil health, strengthen crop performance, and support sustainable food production.

Mark Rossano, MBA
Chief Financial Officer

Mark Rossano is the Chief Financial Officer and a widely respected expert in global financial markets, supply-chain dynamics, and commodity flows. With more than two decades of experience analyzing and managing complex financial systems, Mark brings a deep understanding of how capital, energy, and global trade intersect — expertise that supports Sultech's expansion into new markets and international partnerships.

Mark is also the Founder and CEO of C6 Capital Holdings, where he provides investment and consulting services to organizations across multiple sectors. He has served as a Bloomberg Energy Industry Analyst and is a frequent contributor to Bloomberg TV, offering insights on global supply chains and energy economics.

His career includes senior roles as a Macro-Economist and Senior Energy Analyst, as well as portfolio management positions at FNY Capital and Morgan Stanley Investment Management. Mark holds a bachelor's degree in economics from Loyola College in Maryland and an MBA in Finance from Syracuse University's Whitman School of Management.

Carolyn Lemoine
Vice President, Market Development & Sustainability

Carolyn Lemoine is the Vice President of Market Development and Sustainability at Sultech Global, bringing more than a decade of experience connecting agricultural innovation with market needs. A seasoned brand and marketing strategist, Carolyn has built her career at the intersection of agribusiness, sustainability, and customer engagement, working with leading global crop-protection and input companies including Bayer CropScience, BASF, Corteva, Nufarm, and Nutrien.

With a background in design and communications, and a Bachelor of Design in Visual Communications from the Alberta University of the Arts, Carolyn excels at translating complex agricultural science into clear, compelling narratives that resonate with growers, retailers, and industry partners. Her expertise includes market development, sustainability positioning, grower engagement, and building partnerships that accelerate adoption of new technologies.

At Sultech, Carolyn leads the company's go-to-market strategy and sustainability programs, helping ensure that micronized sulphur solutions deliver agronomic value while supporting soil health, environmental stewardship, and the evolving needs of modern agriculture.

Brad Fournier
Vice-President, Strategic Relationships

Brad Fournier is Vice President, Strategic Relationships at Sultech Global Innovation Corp., where he leads partnership development, stakeholder engagement, and commercial opportunities that support Sultech's next phase of growth.

A seasoned agriculture and cleantech executive, Brad brings more than 20 years of experience connecting science, industry, investment, and government to advance innovation in sustainable food systems. He builds high-impact partnerships and creates pathways to market for emerging technologies.

Prior to joining Sultech, Brad served as Director of Global Business Development at Pure Life Carbon Inc., where he led strategic partnerships, government relations, and international market expansion. Earlier roles include Director of Investment, Agriculture at Invest Alberta, Executive Director of the Alberta Diabetes Foundation, and with the Alberta Livestock and Meat Agency and Alberta Agriculture Research Institute.

Brad holds an Executive MBA from Athabasca University and an MSc in Molecular Genetics from the University of Saskatchewan.

Board of Advisors

Dr Rigas Karamanos
Knowledge Leader Soil Health, Crop Nutrition

Ray Dowbenko
Knowledge Leader Soil Health, Crop Nutrition, Market Development Consulting

Graeme Manning
Knowledge Leader Commercial Horticulture, Market Development Consulting

MEDIA ASSETS

LOGOS

IMAGES

PRESS RELEASE