

FuelPositive's Ian Clifford on how a greener future in agriculture starts in Manitoba

written by InvestorNews | April 8, 2024

[FuelPositive Corporation](#) (TSXV: NHHH | OTCQB: NHHHF), a leader in clean technology solutions, recently [announced](#) a provisional patent for its Green Aqueous Ammonia add-on module systems, marking a significant milestone in its mission to revolutionize the agricultural industry. This innovative module allows farmers to produce Green Aqueous Ammonia fertilizer on-site, offering a cost-effective and environmentally friendly alternative to traditional methods. Chairman and CEO Ian Clifford highlighted the importance of this patent, stating that it “opens up our market globally dramatically” and sets the stage for future developments in sustainable agriculture.

FuelPositive is also making strides in delivering its first commercial system to a farm in Manitoba, with factory acceptance testing scheduled ahead of schedule in mid-April. The company's focus on on-site production aims to eliminate carbon emissions and provide energy and fertilizer security for farmers. Selecting Manitoba as the initial location was strategic, given its abundant green electricity and large farming community eager for sustainable solutions. The company's commitment to innovation is evident in its modular approach, which allows for customizable nitrogen concentrations and pH balances tailored to various agricultural needs. With plans for commercial production as early as next year, FuelPositive aims to meet the growing demand for environmentally friendly fertilizer solutions worldwide. As Chairman Clifford emphasized, “the world will need thousands and thousands of these systems,” highlighting the

company's ambitious goals for a greener future in agriculture.

To access the complete interview, [click here](#)

Don't miss other InvestorNews interviews. Subscribe to the InvestorNews YouTube channel by [clicking here](#)

About FuelPositive Corporation

FuelPositive is a Canadian technology company dedicated to delivering commercially feasible and sustainable clean technology solutions that follow a circular approach, ensuring the entire lifecycle of our products is environmentally friendly. This includes an on-farm/onsite, containerized Green Ammonia (NH₃) production system that effectively eliminates carbon emissions during the production process.

By focusing on technologies that are clean, sustainable, economically advantageous and realizable, the Company aims to help mitigate climate change, addressing unsustainable agricultural practices through innovative technology and practical solutions that can be implemented now. The FuelPositive on-farm/onsite, containerized Green Ammonia production system is designed to produce pure, anhydrous ammonia for multiple applications, including fertilizer for farming, fuel for grain drying and internal combustion engines, a practical alternative for fuel cells and a solution for grid storage. Green Ammonia is also considered a key enabler of the hydrogen economy.

FuelPositive systems are designed to provide for Green Ammonia production on-farm/onsite, where and when needed. This eliminates wildly fluctuating supply chains and offers end-users clean fertilizer, energy and Green Ammonia supply security while eliminating carbon emissions from the production process. The

first customers will be farmers. Farmers use 80% of the traditional grey ammonia produced today as fertilizer.

To know more about FuelPositive Corporation, [click here](#)

Disclaimer: FuelPositive Corporation is an advertorial member of InvestorNews Inc.

This interview, which was produced by InvestorNews Inc. ("InvestorNews"), does not contain, nor does it purport to contain, a summary of all material information concerning the Company, including important disclosure and risk factors associated with the Company, its business and an investment in its securities. InvestorNews offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This interview and any transcriptions or reproductions thereof (collectively, this "presentation") does not constitute, or form part of, any offer or invitation to sell or issue, or any solicitation of any offer to subscribe for or purchase any securities in the Company. The information in this presentation is provided for informational purposes only and may be subject to updating, completion or revision, and except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any information herein. This presentation may contain "forward-looking statements" within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also

adversely affect the Company's business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company's financial condition or results of operations may negatively impact the value of its securities. This presentation should not be considered as the giving of investment advice by the Company or any of its directors, officers, agents, employees or advisors. Each person to whom this presentation is made available must make its own independent assessment of the Company after making such investigations and taking such advice as may be deemed necessary. Prospective investors are urged to review the Company's profile on [SedarPlus.ca](https://www.SedarPlus.ca) and to carry out independent investigations in order to determine their interest in investing in the Company.

Sage Potash expands into lithium exploration within the Paradox Basin in Utah, USA

written by InvestorNews | April 8, 2024

Sage Potash is still at the early stage with a lot of work ahead to develop their potash resource and explore for lithium and boron at their mineral leases located in the Paradox Basin, Utah, USA. If they can replicate the success of Anson Resources

(market cap A\$196 million) or even some of the success of SQM (market cap US\$22.3 billion) investors will potentially be well rewarded. The usual mining risks apply, including exploration risk, funding and permitting risk in the USA. The Company is currently looking to raise C\$1.5 million which should potentially be an easy ask given the potash, lithium, and boron potential; as well as the recent OTC listing.

The Disruptive Nature of Green Ammonia for Farmers

written by InvestorNews | April 8, 2024

In this InvestorIntel interview, Tracy Weslosky talks with [FuelPositive Corporation](#)'s (TSXV: NHHH | OTCQB: NHHHF) Chairman and CEO Ian Clifford about the “disruptive nature” of their green ammonia production systems. By placing their systems onsite, Ian discusses how FuelPositive allows farmers and other end users to have a stable and independent supply of ammonia at a cost that is locked in for decades.

Ian goes on to explain how FuelPositive's green ammonia production systems start to generate carbon credits as soon as they become operational. “FuelPositive owns those credits contractually”, Ian adds, “but we have the ability to utilize the value of those credits to help end users meet their operating targets and their return on investment targets as well.”

To access the full InvestorIntel interview, [click here](#)

Don't miss other InvestorIntel interviews. Subscribe to the InvestorIntel YouTube channel by [clicking here](#).

About FuelPositive Corporation

FuelPositive is a Canadian technology company committed to providing commercially viable and sustainable, “cradle to cradle” clean technology solutions, including an on-farm/onsite, containerized Green Ammonia (NH₃) production system that eliminates carbon emissions from the production of Green Ammonia.

By focusing on technologies that are clean, sustainable, economically advantageous and realizable, the Company aims to help mitigate climate change, addressing unsustainable agricultural practices through innovative technology and practical solutions that can be implemented now. The FuelPositive on-farm/onsite, containerized Green Ammonia production system is designed to produce pure, anhydrous ammonia for multiple applications, including fertilizer for farming, fuel for grain drying and internal combustion engines, a practical alternative for fuel cells and a solution for grid storage. Green Ammonia is also considered a key enabler of the hydrogen economy.

FuelPositive systems are designed to provide for Green Ammonia production on-farm/onsite, where and when needed. This eliminates wildly fluctuating supply chains and offers end-users clean fertilizer, energy and Green Ammonia supply security while eliminating carbon emissions from the production process. The first customers will be farmers. Farmers use 80% of the traditional grey ammonia produced today as fertilizer.

To know more about FuelPositive Corporation, [click here](#)

Disclaimer: FuelPositive Corporation is an advertorial member of InvestorIntel Corp.

This interview, which was produced by InvestorIntel Corp., (IIC), does not contain, nor does it purport to contain, a summary of all the material information concerning the “Company” being interviewed. IIC offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This presentation may contain “forward-looking statements” within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also adversely affect the Company’s business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company’s financial condition or results of operations may negatively impact the value of its securities. Prospective investors are urged to review the Company’s profile on [Sedar.com](https://www.sedar.com) and to carry out independent investigations in order to determine their interest in investing in the Company.

If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us

direct at info@investorintel.com.

FuelPositive commences production of its first commercial systems in the multi-billion dollar green ammonia industry

written by InvestorNews | April 8, 2024

[FuelPositive Corporation](#) (TSXV: NHHH | OTCQB: NHHHF) is a Canadian company that has developed a 'green ammonia' production system that does not produce harmful emissions to the environment. 'Green ammonia' is the result of using both an emissions free system and an emissions free energy source such as hydro, solar, or wind.

Ammonia is a chemical mostly used globally for fertilizer, but current production methods produce 'grey ammonia' with harmful emissions for the environment. Ammonia can also be used as a fuel for vehicles instead of gasoline or hydrogen fuels and it can even be used for stationary energy storage. Green ammonia can also be considered a key enabler of the hydrogen economy.

More about Ammonia...

Ammonia is one of the most produced chemicals on the planet, with [200 million tonnes](#) consumed annually. It is used in a wide

range of industries, but most notably in the agricultural industry as a fertilizer. FuelPositive describes its importance [stating](#):

“It is considered to be one of the four building blocks of modern society along with steel, cement and plastic.....The problem is that the Haber-Bosch method, still used in massive fossil fuel-powered refineries, is one of the most emissions intensive manufacturing processes in the world. For every single metric tonne of traditional or grey ammonia produced globally, almost three metric tonnes of greenhouse gases are emitted.”

The number one use for green ammonia would be the agricultural industry as [farmers use 80%](#) of the traditional grey ammonia produced today as fertilizer. If farmers moved across to using green ammonia the climate benefits would be enormous. Farmers could use the FuelPositive green ammonia production system to produce their own fuel for their vehicles and machinery as well as to produce their own ammonia fertilizer.

FuelPositive's green ammonia production system

FuelPositive's green ammonia production system is an onsite, containerized system that takes air, water, and sustainable electricity and converts it into green ammonia. Importantly, FuelPositive uses green energy sources in their process. FuelPositive [state](#):

“The system includes an electrolyzer to produce hydrogen from water, a nitrogen generator to produce the nitrogen from air, and a novel, patent-pending ammonia synthesis converter to produce Green Ammonia from the nitrogen and hydrogen.”

As long as there is a sustainable source of green electricity, a FuelPositive green ammonia production system can produce green ammonia 24 hours a day at any location. By building transportable systems using shipping container configurations, FuelPositive's production systems can be set up on site.

FuelPositive's green ammonia production system showing the three chambers (hydrogen separation, nitrogen extraction, ammonia synthesis reactor)

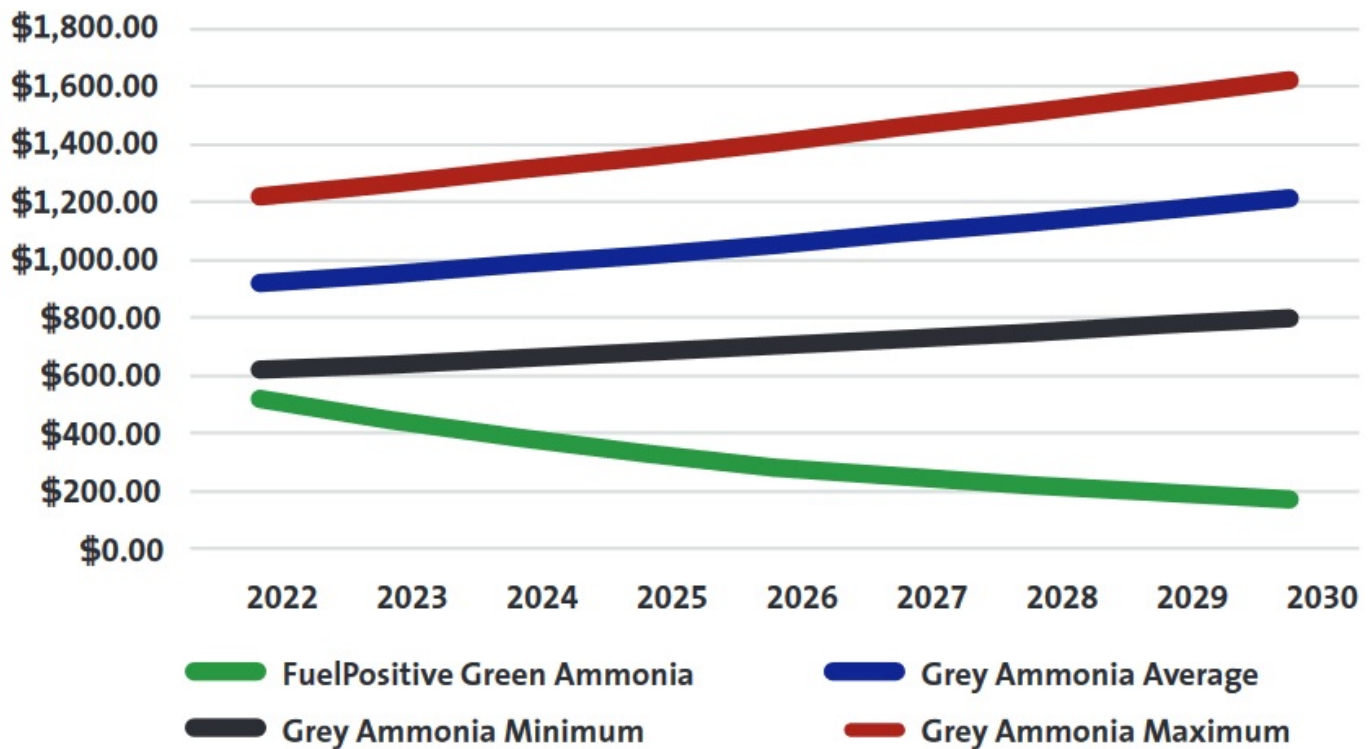


Source: [FuelPositive Fact Sheet](#)

The initial base price of a system is [C\\$950,000](#); however, this varies depending upon the customized system needed. Operating costs are expected to be approximately [\\$560/tonne](#), depending on electricity costs. This compares favorably to grey ammonia prices.

FuelPositive's estimated comparison of their green ammonia operating expenses ("OPEX") compared to regular grey ammonia

FuelPositive System Green Ammonia OPEX Compared to Industry Fossil Fuel “Grey” Ammonia



Source: Source: [FuelPositive Fact Sheet](#)

FuelPositive’s engineering team has “kicked off the production of its first commercial systems” ([source](#))

As [announced](#) on May 2, 2023, FuelPositive has been running the final commissioning, along with process optimization, of its FP300 system at its facility in Waterloo, Canada. FuelPositive also launched its latest model, the FP1500. It is a turnkey system that consists of a stack of FP300s in one solution, providing 1,500 kg per day of green ammonia.

Regarding sales FuelPositive [states](#):

*“Multiple end-users in various sectors, including farms of 10,000+ acres, have indicated the immediate need of FuelPositive systems of this scale and configuration. The FP1500 will answer this larger scale, on-site need.....**The Company has successfully met its planned pre-sales capacity of 30 units and plans to deliver the first batch of commercial systems beginning in 2024.** FuelPositive has already begun working with suppliers to ensure they are ready to scale up for the first production batch. This is expected to be the beginning of many announcements leading to revenue and profit generation within the first year of commercial production.”*

Note: Bold emphasis by the author.

In more recent news FuelPositive [announced](#) a \$7.5 million raise. FuelPositive Chairman and CEO, Ian Clifford, [stated](#):

The Company’s pioneering green ammonia technology and decentralized business model holds immense potential to reshape the ammonia industry, fostering a greener future for generations to come. The net proceeds from this financing will help ensure FuelPositive’s leadership and “first-mover” position in the multi-billion dollar sustainable and green ammonia industry.”

Key advantages of FuelPositive’s green ammonia production system over traditional grey ammonia production

Our onsite, containerized Green Ammonia production system disrupts the traditional ammonia industry.

Our system requires less energy to produce compared to grey ammonia. That reduced energy requirement is a game-changer, keeping operating costs down. FuelPositive's Green Ammonia offers all of the utility of ammonia without the pollution from its production – at an affordable and steady price.

And because our system can produce Green Ammonia in situ, or on site where it is used, no long-distance distribution system or supply chain is required. For our customers, this results in a steady price and reliable supply.

Source: [FuelPositive website](#)

Closing remarks

Green ammonia makes a lot of sense. As a starting point, the chemicals sector is ripe for change from century old practices to produce ammonia that produce significant emissions. The agricultural sector can now take control by using FuelPositive's green ammonia production system and depending on their energy source and cost, save on their operating expenses. Sounds like a win-win for the farmer and the environment!

FuelPositive trades on a market cap of [C\\$34 million](#). Definitely, one to watch in 2023.

Sage Potash Seeks to Address Supply Chain Security and Sustainability with Domestic US Production

written by InvestorNews | April 8, 2024

In my opinion, there are two key themes to consider when it comes to investing in natural resources (over and above profitability of course). The most prominent theme at present is the whole supply chain/security of supply issue that we see unfolding globally, most notably when it comes to electric vehicles as the Western world seems determined to reduce dependency on China.

The other theme that isn't nearly as prevalent right now, but I suspect will increase in priority over the coming months and years, is **how** you mine and process your resource. As more and more emphasis is placed on reducing carbon emissions, I firmly believe a premium will start to be placed on the miner or refiner with a lower carbon footprint. Whether that comes from the application of a meaningful carbon tax, carbon credits, or in the fuel business there are RINs (renewable identification numbers), some sort of scorecard to rank which is the more environmentally friendly source.

Sage Potash to focus on US production in the Paradox Basin, Utah

One of the newest publicly traded ventures to embody the above themes is [Sage Potash Corp.](#) (TSXV: SAGE). Sage, having just started trading on March 20, 2023, is a Canadian company

developing the [Sage Plain Property](#) in Utah and intends through sustainable solution mining techniques to become a prominent domestic U.S. potash producer within the Paradox Basin.

The Paradox Basin in Utah is known to host extensive underdeveloped world-class potash resources (approximately 2 billion tons, according to the [US Geological Survey](#)). The Paradox Basin benefits from close proximity to modern infrastructure, low-cost power and electricity, and a skilled workforce in a politically stable and mining-friendly state.

Sage is looking to compete with [Nutrien Ltd.](#) (TSX: NTR | NYSE: NTR) and [The Mosaic Company](#) (NYSE: MOS) to address supply chain security and introduce sustainable mining practices with domestic US production of potash.

US domestic potash source

But what is the motivation to develop a domestic potash source? For starters, almost 40% of global potash production comes from Russia and Belarus, and that number goes up to 50% if you also include China. Not exactly the “A-List” for U.S. trade at present. However, despite the fact that the U.S. imports 94% of its potash, almost all of it comes from its friendly neighbor to the North (Canada), which is the world’s largest producer of potash.

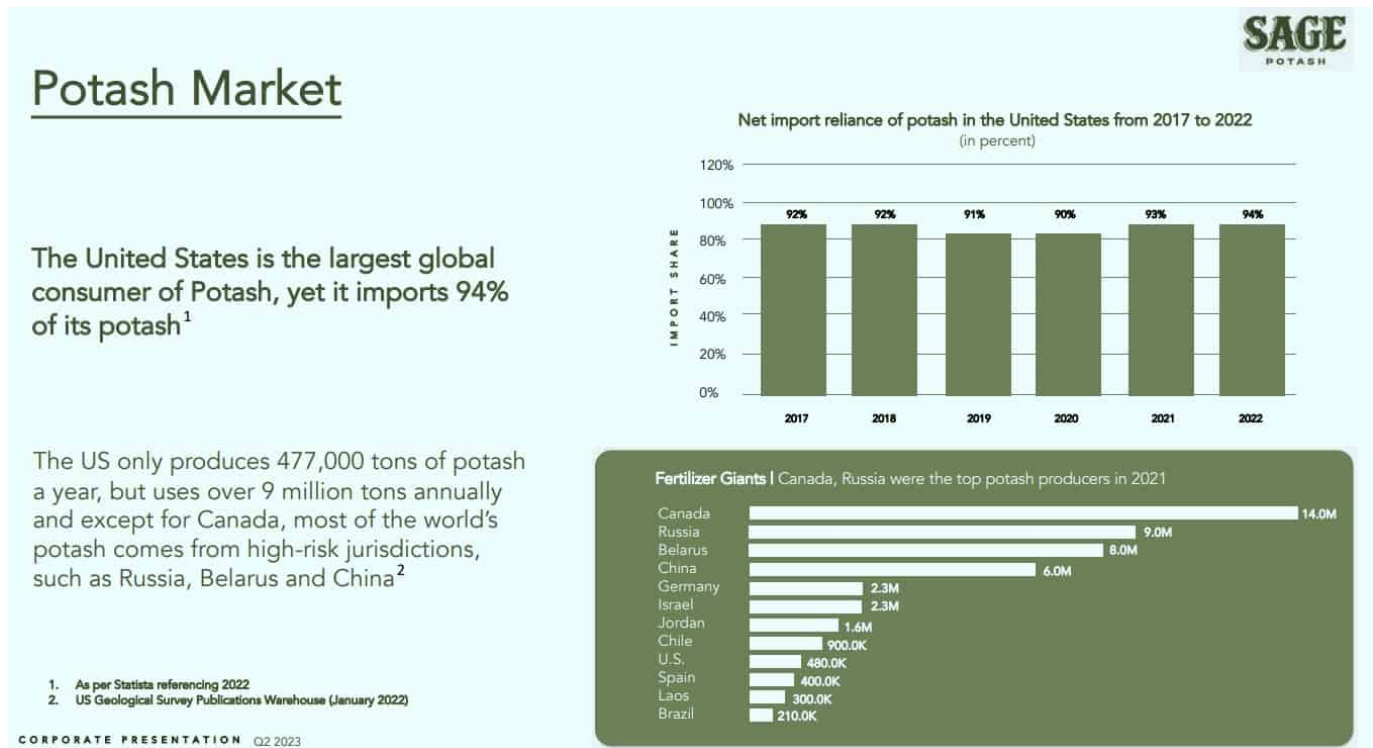
Everyone trusts Canada, don’t they? But that’s not the point, potash prices rose as much as 87% in 2021, largely due to sanctions brought about by Putin’s senseless (and thus far relatively unsuccessful) invasion of Ukraine. Price volatility like that increases the need to have greater control over pricing.

Additionally, shipping costs from Saskatchewan (where the bulk of Canada’s potash comes from) and lower barge capacity due to

low water levels of the Mississippi River, can still add \$150 – \$225/ton to potash costs that would not necessarily be incurred by having local production.

It makes for a reasonably [compelling case for Sage to enter the market](#).

IMAGE 1: The US Potash Market and World Production



Source: Sage Potash [Corporate Presentation](#)

Low emission, sustainable production

Then there's investing theme #2 – low emission, sustainable production. The Paradox Basin resource is at an optimal temperature for solution mining, which Sage plans to combine with mechanical evaporation which in turn is “greener” than the more traditional evaporation ponds.

The benefits of mechanical evaporation include reduced water consumption and a reduced land footprint but economical also improves the ability to stage growth through modular units as

well as increasing tolerance to climate/weather impacts allowing for year-round production.

Which all dovetails nicely with the #1 investing priority – profitability. Solution mining and mechanical evaporation should mean lower CAPEX (capital expenses) and lower OPEX (operating expenses) relative to conventional potash operations.

Combine that with lower transportation costs to key markets and most of the boxes are ticked.

Short-term timeline to initial production

Looking forward, the Company's objectives are to complete a step-out geological hole that will further define the resource estimates and may double as a possible cavern development test well, to advance preliminary engineering towards a Preliminary Economic Assessment (PEA), Feasibility Study, and then pilot production.

If all goes according to plan, pilot plant production could be achieved on a short timeline of 1-2 years with the ability to expand from 50,000 to 150,000 tons per year (TPY) for 20 years.

Sage has partnered with [RESPEC Company LLC](#), a leader in potash solution mining consulting and engineering, to undertake the Phase One Program which consists of a step-out geological hole, the Sage 1 Well, located 700 meters (0.4 miles) from the Johnson 1 Well, plus a water brine supply well and a disposal well. With these results, RESPEC will continue with the preparation of a PEA technical report for the Sage Plain Potash project.

Sage Potash currently trades at a market cap of C\$23.7 million.

Peter Hogendoorn of Sage Potash on Food Security and the Sage Plain Potash Project in Utah

written by InvestorNews | April 8, 2024

In this InvestorIntel interview, Jack Lifton talks with [Sage Potash Corp.](#)'s (TSXV: SAGE) CEO Peter Hogendoorn about why potash is critical for the United States' food security. With 40% of the global supply going offline because of sanctions on Russia and Belarus, Peter discusses how the US produces only about 3% of its potash requirements.

Peter provides an update on its Sage Plain Potash Project in southern Utah, which he says is "the largest deposit close to production in the US." He goes on to explain how Sage Potash can help the US market save \$150-225 per ton in transportation costs by sourcing the potash locally.

Speaking about the high-grade nature and favorable geology of its Sage Plain Potash Project, which could keep production cost to the lowest quartile, Peter also discusses its upcoming drill program, working on a preliminary economic assessment (PEA), and plans for a pilot plant in 2024.

To access the full InvestorIntel interview, [click here](#).

Subscribe to the InvestorIntel YouTube channel by [clicking here](#).

About Sage Potash Corp.

Sage Potash is a Canadian company vested solely in the Sage Plain Property and intends, through sustainable solution mining techniques, to become a prominent domestic potash producer within the Paradox Basin situated in Utah.

To know more about Sage Potash Corp., [click here](#).

Disclaimer: Sage Potash Corp. is an advertorial member of InvestorIntel Corp.

This interview, which was produced by InvestorIntel Corp., (IIC), does not contain, nor does it purport to contain, a summary of all the material information concerning the “Company” being interviewed. IIC offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This presentation may contain “forward-looking statements” within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also adversely affect the Company’s business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company’s financial condition or

results of operations may negatively impact the value of its securities. Prospective investors are urged to review the Company's profile on [Sedar.com](https://www.sedar.com) and to carry out independent investigations in order to determine their interest in investing in the Company.

If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us direct at info@investorintel.com.