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CO2 GRO Inc. CORPORATE OVERVIEW

CO2 GRO is a Canadian based global company that is dedicated to optimizing the world's agricultural assets (land, air, water) by enhancing protected ag's productivity sustainably using our patented revolutionary CO2 Delivery Solutions™. Our focus is on the Planet, People and Prosperity.

CO2 DELIVERY SOLUTIONS™ MARKET OPPORTUNITY

CO2 Delivery Solutions™ potentially enables all of the world's 600 billion square feet of protected ag to provide additional CO₂ for increasing plant production, revenue and profits.

Protected agriculture (protected ag) is any covered structure that is designed to extend the growing season and productivity of crops. Greenhouses account for 50 billion square feet with the remaining 550 billion square feet comprised of hoop houses, tunnels, net and shade houses, vertical and indoor facilities. Nearly all these facilities have a combination of open roofs, open sides or ends, porous material such as netting, or high air exchange through HVAC systems.

Only a little over 1% of the global protected ag market is currently able to provide their plants with additional CO₂ through traditional atmospheric enrichment (also known as CO₂ gassing). These facilities are nearly all sealed greenhouses that are located in cooler regions or indoor facilities. Though even these greenhouses must vent during warmer periods, making it difficult to maintain higher levels of CO₂ in the air above ambient.

Our current focus is on protected ag in North America, Mexico, Spain, Japan, Middle East, Israel, the UK, Netherlands, Belgium, South Africa and Malaysia. We are also actively working on developing sales channels in other large protected ag markets such as Japan and South America.

DELIVERING CO2 TO GROWERS EVERYWHERE™

CO2 DELIVERY SOLUTIONS™ DEMONSTRATED BENEFITS

CO2 GRO has demonstrated up to **30% yield increases** using its CO2 Delivery Solutions™ on fruits & vegetables (including tomatoes, peppers, berries and leafy greens) and other crops. The yield increases can be realized by nearly all crop varieties grown in protected ag as a result of increased production, additional harvest turns and a reduction of crop loss (protection from micro-pathogens, enhanced rooting and overall plant health). The technology employs up to 90% less CO₂ compared to traditional atmospheric enrichment in order to achieve increased yields. Coupled with very low power usage, the low system operating costs means nearly all the added revenue is profit. For many growers, these combined benefits approach a doubling of gross profits.

HOW CO2 DELIVERY SOLUTIONS™ WORKS

CO2 Delivery Solutions™ first dissolves CO₂ gas into water creating a dissolved CO₂ solution. The CO₂ solution is then directly misted onto the plant's leaves creating a microfilm on the leaf's surface. The microfilm isolates the leaf from the atmosphere creating a diffusion gradient which enables the CO₂ molecules in solution to diffuse into the leaf through the entire leaf surface. The process is irrespective of the stomata which normally takes CO₂ from the air. Misting is done for a few seconds two to three times an hour during the light phase.

Pathogen Perimeter Protection™: Applying the CO₂ solution for a few seconds several times per hour dramatically slows the spread of micro pathogens such as *E. coli*, powdery mildew and other epiphytic (leaf surface) microbial pathogens. Misting the CO₂ solution lowers the pH on the leaf surface when applied and once the CO₂ transfers into the leaf (in a few seconds) the pH goes back to normal. This constant pH fluctuation per application on the leaf surface creates an unfavorable environment for these micro pathogens to thrive and spread. Demonstrations illustrated 99% less *E. coli* and powdery mildew spread versus controls. CO₂ gassing does not provide this benefit as there is no pH fluctuation on the leaf surface.

OUR MANAGEMENT TEAM

CO2 GRO is organized into operational divisions each with a division head/manager. Each division head reports to Aaron Archibald, the VP Sales & Strategic Alliances, who in turn reports to the CEO, John Archibald. Our board is comprised of six directors who approve the Business Strategy and Operating Budget.

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ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG)

For the environment and sustainability, by using CO2 GRO's CO2 Delivery Solutions™, growers that employ traditional CO2 enrichment will use far less CO2 gas, less land, less water and less labor to produce more crops and substantially reduce their ecological footprint. Our precision ag technology directly applies a dissolved CO2 solution on the plant leaf surface, enabling the CO2 to be taken into the plant more efficiently than by air. This process results in up to 90% less CO2 usage compared to traditional CO2 gassing; increased yields, more harvest turns and less crops lost due to pathogens.

Governance

CO2 GRO's Management team and Board is committed to promoting and maintaining diversity, equality and inclusiveness in our workplace. CO2 GRO is committed to promoting and maintaining a safe and healthy workplace.

Environment and Sustainability

CO2 GRO's Environment, Social and Governance ("ESG") practices are a Sustainability Platform with a **Planet, People and Prosperity** focus. CO2 GRO is committed to ensuring our technology enhances global food production to support our growing population. CO2 Delivery Solutions™ support agriculture resource optimization and food growth in all regions.

CO2 GRO embraces ESG as a strategic element of long term value creation and sustainability in our Corporate Value Proposition, now and in the future. Studies have shown that organizations with diverse management, Board composition and employees, collectively deliver better performance generating enhanced shareholder value in the long term.

Reducing Protected Ag's Ecological Footprint

Yes. CO2 GRO's technology optimizes the existing food production infrastructure and allows for an up to 30% greater plant yield. This benefits the Planet, People and Prosperity.

CO2 Delivery Solutions™ technology is considered "cleantech". Our technology delivers CO2 to plants without appreciable off gassing. Plants convert CO2 into sugar for root and shoot growth and respire the residual oxygen into the atmosphere for the benefit of humans.

When sealed greenhouses or indoor facilities use CO2 gassing, up to 90% of the CO2 gas escapes through leaks and venting. Nearly all of the CO2 in the CO2 solution we mist is transferred into the plant leaves and used for photosynthesis with practically no CO2 lost to the atmosphere. Employing CO2 Delivery Solutions™ enables the plant to uptake CO2 and enhance plant growth without unnecessary CO2 emissions into the atmosphere compared to their previous practices.

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By increasing the yield per existing cultivation area by up to 30%, CO2 Delivery Solutions reduces the need for additional infrastructure, transportation, resources and capital outlay. By doing so, we help our customers reduce their ecological footprint. In addition to reinforcing local food security, our technology helps reduce transportation, food spoilage and waste, thus reducing the further reducing the ecological footprint of the entire food supply chain.

RESEARCH AND DEVELOPMENT

CO2 GRO is continuously works on furthering our technology's applications and efficiency in order to expand our markets and meet our strategic objectives. Our 2021 R&D Program, led by our Chief Science Officer, Dr. Matt Julius, is focused on three pillars: 1) Projects that facilitate market expansion, 2) Projects that reinforce our existing patents and assist developing new patents and 3) Research activities that help meet strategic needs.

PATENTS

CO2 GRO's five CO2 Delivery Solutions™ pending patents embody the use of dissolved CO₂ solution misted on plants. Our original method of use Patent Cooperation Treaty (PCT) pending patent is supported and enhanced by four additional PCT pending patents. They incorporate plant pathogen resistance, targeted enhanced plant metabolism, outdoor CO₂ delivery to plants and alternate dissolved gas delivery to plants.

CO2 GRO has filed for a retail handheld device patent to service the residential and small commercial markets (home gardening, landscaping, etc.). Given the global opportunity of 600 billion square feet available to CO2 GRO and its shareholders we have decided to focus our efforts there. For now, we will not be working on advancing the hand-held device.

CO2 DELIVERY SOLUTIONS™ COMMERCIALIZATION

Commercial Installations

As of November 25th 2021, we have sold a number of CO2 Delivery Solutions™ systems in Canada, the US and Central America for greenhouses and protected ag.

Commercial Feasibilities

A Commercial Feasibility is a limited installation of CO2 Delivery Solutions™ in a section of the grower's facility. The goal of the Feasibility is to validate the plant growth and economic impact of CO2 Delivery Solutions™ on the customer's plants in their facility's normal operating conditions. These projects typically last between 6 to 12 months once installed and are charged to the grower. Commercial Feasibilities are a crucial step in the sales process to achieve the ultimate goal of a facility-wide Commercial Installation.

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Current Projects

We currently have or had Commercial Feasibilities on peppers, tomatoes, strawberries, orchids, roses, lettuce, kale, macadamia tree seedlings, young citrus trees, licensed *Cannabis* (Canada and Israel) and hemp. These projects are in countries all over the world, making CO2 GRO and its technology a truly global opportunity.

Pricing Model

CO2 GRO offers growers its CO2 Delivery Solutions™ as a custom engineered solution based on the customer's cultivation method, facility size, layout and infrastructure needs. CO2 Delivery Solutions™ are typically priced on cultivation area based on the agreed upon custom design. Our systems are available for purchase either through Payment Plans or Standard Commercial Terms.

Revenue Opportunities

We have contracted Commercial Feasibilities with growers of various sizes and crops in the US, Canada, Japan, the UAE, Israel, Colombia, El Salvador, France, the Netherlands, Malaysia and South Africa. Our crop focus is high-value horticulture which includes vegetables, berries, floriculture etc. with whom we have seen the most traction. We continuously work on expanding our customer reach and Marketing Partner selections focusing on high value geographic markets with large protected ag producers.

Revenue Recognition

It is CO2 GRO's policy is to recognize revenues at the point in time when control is transferred to the customer, which is on shipment or upon completion of installation, depending on the contract (see the Company's revenue recognition policy, disclosed in note 4.15 of the Consolidated Financial Statements).

Protected ag and Greenhouses

Greenhouse refers to mostly glass or plastic walled and sealed facilities which are comprised of 50 billion square feet worldwide. The protected ag market includes the greenhouse market plus a further 550 billion square feet worldwide. These additional facilities include hoop houses, net and shade houses, tunnels, vertical and indoor. Nearly all these facilities have a combination of open roofs, open sides or ends, porous material such as netting, or high air exchange through HVAC and venting systems.

Manufacturing

We have contracted manufacturers in the US and Canada.

Sales Team

CO2 GRO Inc.'s sales representatives cover North America; eight ag-industrial partners cover Mexico, Spain, Middle East, Southern Africa, EU, Central & South America and Asia.

Market Expansion

CO2 GRO's marketing partners are currently being assessed to expand international sales presence. The global protected ag market is anticipated to grow 10% CAGR. 60% of the protected ag market is in the US, Canada, Mexico, Spain, Italy, France, the Netherlands, Korea Republic, Japan, Malaysia, Israel, Saudi Arabia, Brazil, Argentina and Colombia. The majority of crops grown in protected ag are tomatoes, peppers, cucumbers, leafy greens, berries, high value floriculture and other crops. Our focus is to target all these crops, regardless of the type of protected facility.

Canadian Licensed *Cannabis* Producers

In December 2019 we announced our first Canadian *Cannabis* commercial feasibility. Since then, we have announced more commercial feasibilities including to one significant LP as well as sold commercial installation systems to a number of Canadian LC's, micro-cultivators and to two Canadian LP's. We look forward to more Canadian *Cannabis* and hemp commercial feasibilities and sales with LP's, particularly due to Health Canada easing its foliar spray ban in August 2020 to allow LPs to mist water with dissolved nutrients.

CO2 GRO AWARDS AND RECOGNITION

1. CO2 GRO's Board Chair of ESG, Rose Marie Gage, was awarded the Woman of Inspiration™ Integrity Award 2021 presented by the Universal Womens Network™.
2. CO2 GRO's was one of twelve innovative cleantech companies selected to participate in a virtual trade mission to Mexico presented by the Ontario Ministry of Economic Development, Job Create and Trade (MEDJCT) and Toronto Regional Board of Trade.
3. CO2 GRO was selected as one of Canada's leading innovative ag-tech companies for a virtual trade mission to the Netherlands, Belgium, Switzerland, Germany and France organized by the Federal Trade Commissioner to Netherlands.
4. CO2 GRO was selected as one of Canada's leading innovative ag-tech companies for a virtual trade mission to Mexico organized by the Federal Trade Commissioners.

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5. CO2 Delivery Solutions™ was selected as a top-4 finalist at the inaugural Hemp Innovation Challenge during the 2020 World Ag Expo in California.
6. CO2 GRO was selected as one of Canada's leading innovative ag-tech companies for a trade mission to California organized by the Federal Trade Commissioners.
7. CO2 GRO was selected as one of Life Sciences Ontario's (LSO) 2019 success stories.

CO2 Delivery Solutions™ is better for the Planet, People and Prosperity.

See co2delivery.ca or co2gro.ca for further details or contact Michael O'Connor Manager, Investor Relations, 1-604-317-6197 or michael.oconnor@co2gro.ca

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