



GLOBAL HEMP GROUP INC.

Real Estate Asset Growth, Hemp Cultivation and Whole Plant Processing for Sustainable Industrial Applications

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Risk Factors

The following are some of the potential risk factors related to the Colorado Hemp Agro-Industrial Zone. For more complete detail on these risk factors, refer to the Company's Annual Information Form (page 31-37) filed on SEDAR www.sedar.com

- Reliance on Licensing
- Regulatory Risk
- Limited Operating History and No Assurance of Profitability
- Unfavourable Publicity or Consumer Perception
- Competition
- Realization of Growth Targets
- Uninsured or Uninsurable Risk
- Key Personnel
- Conflict of Interest
- Litigation
- Agricultural Operations
- Risks in Growing Hemp
- Transportation Disruptions
- Fluctuating Prices of Raw Materials
- Environmental and Employee Health and Safety Regulations
- Political and Economic Instability
- Covid-19 (Coronavirus)
- Facility Expansion
- Market Risk for Securities
- Global Economy Risk
- Dividend Risk
- Volatile Market Price for Company Common Shares



A MESSAGE FROM THE PRESIDENT

I truly believe that hemp can and will impact almost every industry in the global economy as it continues to be legalized worldwide. It has been creating jobs and new business opportunities, as well as stimulating ancillary industries that generate new business for an industry that did not exist just a few short years ago.

Management has always believed that the industrial applications of the hemp plant will be by far the largest and most lucrative over time, even larger than the cannabinoid segment of the market. The roadmap to success in the hemp industry is starting to finally look similar to most other normalized industries as far as regulation and infrastructure. However, we are still blazing new trails and developing breakthrough technologies specific to the hemp industry and will continue to for decades to come.

Initiatives begun in 2020 have provided Global Hemp Group with amazing opportunities for 2021 and beyond. The Colorado Hemp-Agro-Industrial Zone will give GHG an opportunity to become a leader in sustainable eco-friendly hemp-based construction, while generating significant real estate and water assets for the Company, and shareholder value from multiple revenue streams. In addition, the Company's R&D team in Mexico is in the process of developing patented Intellectual Property that can be utilized in Colorado or widely marketed.

These are truly exciting times for GHG. If you have questions about the Company, I can be reached at info@global-hempgroup.com. We look forward to keeping you updated on the progress of the Global Hemp Group as we continue to execute on our projects.

Sincerely,

Curt Huber
President & CEO

April 2021

ABOUT GLOBAL HEMP GROUP

GLOBAL HEMP GROUP is focused on a multi-phased business strategy to build a strong presence in the industrial hemp industry the United States.

MANAGEMENT, DIRECTORS & ADVISORS

Curt Huber	President/CEO/Director
Sebastian Tang	CFO
Paul Perrault	Director
Jeff Kilpatrick	Director
Michel Lebeuf	Director
Roger Johnson	Director
Prof. Victor Castaño	Advisor, Head of R&D Division
Nikolas Perrault	Advisor Capital Markets
Gabriel Gauthier	Advisor Hemp Construction & Technology



CAPITAL STRUCTURE

Current Issued and Outstanding Shares	270,993,392
Options	24,850,000
Warrants - total	120,739,339
Warrants Trading (CSE-GHG.WT)	62,293,781



Research & Development Division

- R&D is an important component of Global Hemp Group and the HAIZ. Intellectual Property created through the R&D Division will be utilized at the Company's projects. The goal create patented technology that can be widely marketed.
- Division headed by Prof. Víctor M. Castaño, Ph.D. a recognized leader in areas of applied science and technology.
- The R&D team brings an amazing wealth of knowledge and experience in multiple disciplines.
- Initial Focus – Environmentally-Friendly Construction Materials / Nanofertilizers / Enhanced Extraction from Hemp
- The Company will continue to expand its R&D team, as well as look to collaborate with other like-minded groups in Mexico. (see page 22 for more detail)

NEW OPPORTUNITIES FOR 2021

Global Hemp Group has undergone a significant shift in business focus for 2021, transforming the Company from being singularly focused on the cultivation of hemp for cannabinoid extraction, to a Company that is focused on the industrial applications of hemp, and what will undoubtedly be the largest segment of the hemp market over time.

The Colorado Hemp Agro-Industrial Zone (HAIZ) project is an opportunity for the Company to create substantial shareholder value through the building of real estate and water assets, along with the incremental introduction of multiple revenue streams. At the heart of the project is the development of “green” and “affordable” homes in a large community setting utilizing hemp-based construction materials and will include the development of large scale irrigation and cultivation of industrial hemp and the manufacturing of hemp-based construction products and textiles. The project has a decade plus time horizon and has been designed to fulfill the pent-up demand for affordable housing in the area.

Management is confident that execution of this vision will put Global Hemp Group on the path to becoming a leader in sustainable, hemp-based construction in the United States, and making the project a showcase for green construction products and technologies. (see page 18 for more detail)

MISSION OF THE HAIZ
To fully utilize 100% of the hemp plant in producing healthy products for people and planet.

GLOBAL HEMP GROUP

OUR VALUES AND VISION

Why do we do what we do? There's so much that motivates our everyday decisions. From the projects we take on, to the people we choose to partner with, to the choices we make when managing our operations.

Our values are grounded in two challenges currently facing humanity – environmental threat, and social disparities within and across countries. The first one determines our targets, while the second one inspires how we manage our operations.

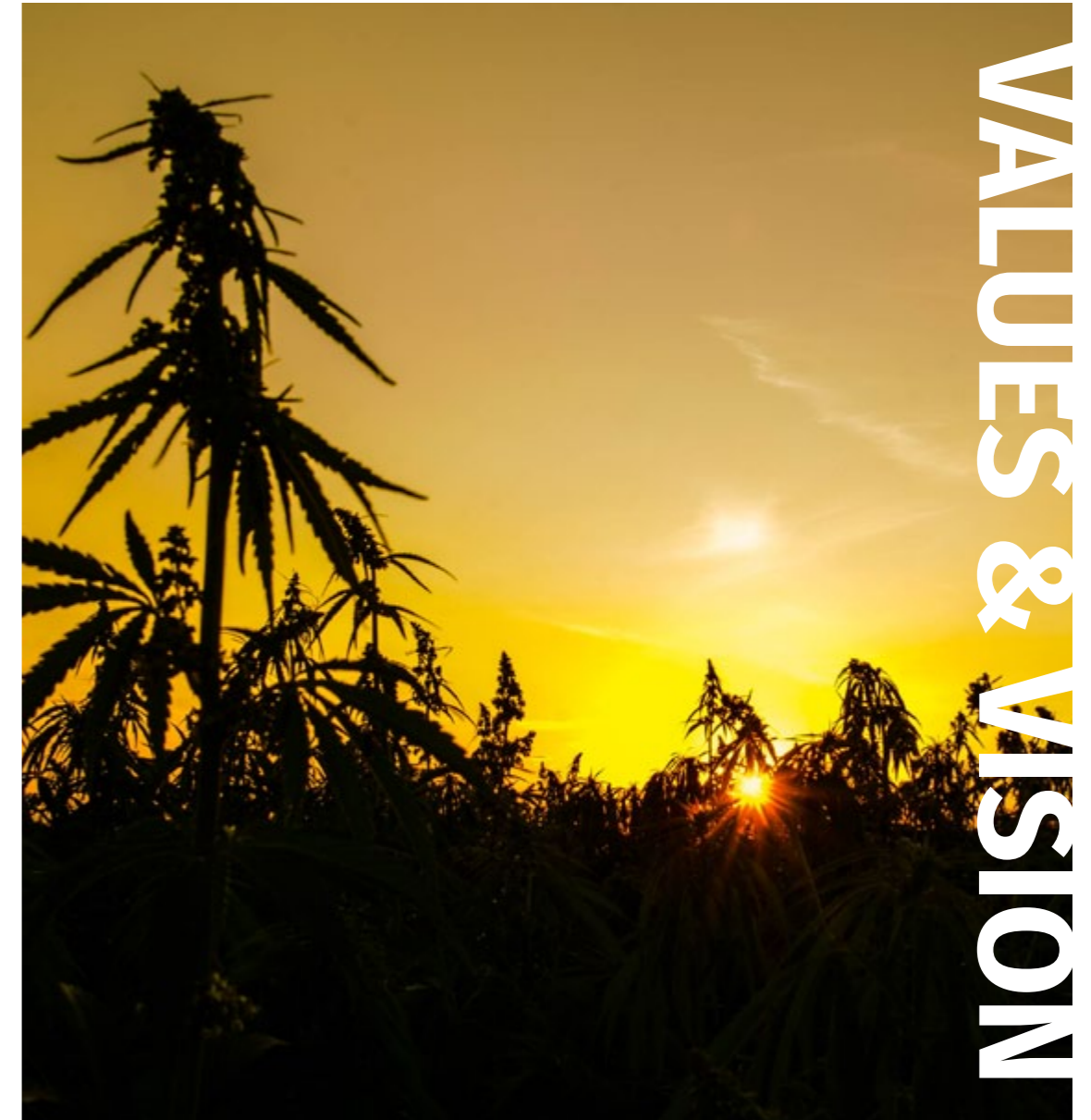
Our Vision for Global Hemp Group started with the personal vision of its Founder, Charles Larsen. It has grown into a Shared Vision upheld and supported by our Advisors, Partners and Team Members. Charles, otherwise known as "Charlie" started his career in the Investment Industry and after 20 years, and coinciding with the birth of his son Henri, realized he wanted (and needed) to focus on work that would directly contribute to the betterment of society.

At age 50, Charlie began to understand the value of the hemp plant - its history, its uses, its potential applications, and most importantly, how hemp could be an instru-

mental universal solution to help improve the quality of life. The hemp plant is nothing short of a miracle and it's long overdue that the world starts to understand its potential on a global level.

As a company, Global Hemp Group strives to live by the Values of **SUSTAINABILITY** (Environmental and Economic), **COLLABORATION** (Shared learning, application, development and growth for all), **IMPACT** (now and for future generations) and **HEALTH** (in our processes and products).

Our Vision is grounded by the fact that industrial hemp's future development is regional in nature, drawing its raw material locally and producing largely for the regional economy thus reducing the carbon footprint of its activities caused by transportation. To expand operations the Company will seek partners in different regions to replicate its original model while fostering local communities.



GLOBAL HEMP GROUP OUR STRATEGY

Our strategy is based on lessons from our immediate past and on an understanding of the constraints that held back the hemp industry in the past.

The core of this strategy to utilize the exceptional properties of the entire hemp plant for the production of raw materials and the manufacturing of value-added products produced in a centralized location known as a Hemp Agro-Industrial Zone (“HAIZ”), adjacent to the hemp farming activity.

There are two pillars to the implementation of this strategy: focus on fewer products with an existing ready market; and have R&D to support initial production processes, and then expand the range of products and markets. The Colorado HAIZ focuses on this strategy.

This vertically integrated project aims to create real estate asset growth in land and physical infrastructure having valu-

able water rights, with the goal of creating multiple revenue streams and jobs from key operating segments:

- Irrigated industrial hemp farming
- Primary processing – decortication and separation of components
- Manufacturing of hemp-based building materials
- Fabrication of “green” and affordable houses using sustainable construction methods

The Company’s R&D Division is designed to support the production process and develop new materials to be produced from hemp. Patented Intellectual Property created through R&D, will not only be utilized at the Company’s projects, but will be widely marketed.



HEMP DEVELOPMENT IN NORTH AMERICA

Throughout history, hemp experienced a continuous struggle with competing fibres, technological changes and politics. Up until the early 19th century, 80% of all textiles, fabrics, clothes, linens, drapes and bedsheets were made from hemp, as were the sails and ropes used in marine transport.

The steam engine powered by fossil fuels replaced wind power and the invention of the cotton gin displaced hemp from the textile industry. By the beginning of the 20th century, hemp was reduced to the cordage and twine industry, and even in those industries it faced the competition of tropical crops.

Because of its presumed association to Marihuana, the crop faced widespread opposition in the early 20th century largely supported by government and religious groups, and hemp nearly disappeared. This culminated in the Marijuana Tax act of 1937 which taxed agricultural production and transformation.

At the turn of the century, as production was revived in a few countries, prospects for a myriad of new, more environmentally sound hemp products were proposed, but few succeeded due to a lack of research in both processing and product development, along with a solid demand. Decortication technology was still largely that of a century earlier and no technologies were at hand to

manufacture more sophisticated products, at competitive prices. Many hemp straw products were artisanal in nature, principally textiles, or were limited to simple products such as nonwovens, specialty paper, animal bedding, or hempcrete applications in buildings, incapable of competing with a larger array of similar non-hemp products.

New processing technologies are emerging and are now enabling a wide range of new products such as insulation mats, panels, composite materials, batteries, biodegradable plastics and more. All with incomparable environmental characteristics. These new products, with their eminent environmental value, still face stiff competition from carbon-based products as the latter do not bear the cost of the environmental damage from their production. Research can overcome this disparity to some extent, but a shift in public policy will be required to garner major implementation.



HEMP CULTIVATION METHODS

There are two distinct methods of farming used in the hemp industry. Field Crop farming, which will be utilized at the Colorado HAIZ project, has planting densities above 100,000 plants/acre and generally focuses on the production of fibre or grain. Alternatively, Orchard style farming has planting densities of about 1,500 plants/acre, creates shorter, bushier plants generally grown for CBD extraction.

Field Crop Farming for Hurd and Fibre

This method of farming is an age-old practice in which the hemp seed is sewn into the field in close rows resulting in very tall, skinny hemp plants. It tends to produce less flowers and leaves compared to orchard style cultivations, as well as lower levels of CBD as approved cultivars tend to have much lower cannabinoid levels. Hurd and fibre produced in this growing style will be processed into value-added hemp products.



Benefits of Field Crop Style

Planting and harvesting this style of cultivation is generally more mechanized, dramatically reducing labour costs. Field Crop cultivation focuses on producing grain and straw (the hemp stock) and not flowers and leaves. This allows farmers to grow less costly, non-feminized seed without being concerned with pollination which typically reduces cannabinoid content in the hemp.



Water Efficiency

Hemp grown for fibre has a lower overall water requirement per season of approximately 12-20 inches; however, straw yields may be severely reduced if periods of drought occur during the growth period. Supplemental irrigation as will be available at the Colorado HAIZ project will be utilized to ensure maximum straw yields.



INDUSTRIAL HEMP CATEGORIES

THE MANY USES OF HEMP...

With the continuing worldwide legalization of hemp, there is no question that the industrial applications of hemp will become the largest and most profitable segment of the industry.

Building Materials

Hemp made its debut in building materials in the 1980's with hempcrete (a mixture of hemp hurd and lime) used in wood framed houses principally in Europe. Hempcrete bricks or blocks have expanded the range of construction possibilities. More recently, several hemp-based building materials were launched: insulating fibre batts or rolls, Oriented Strand Boards (OSB) used in flooring and roofing among others. All these products share a number of features such as fire, pest and mold resistant, soundproof and without chemical additives. Hemp buildings are thermally and acoustically optimal.

Biocomposites

Mercedes, BMW and Lotus have over 8 million cars on the road today that include hemp components. Hemp fiber can be used to replace fiberglass and carbon fiber, and is a better super conductor than graphene used in batteries and computer chips.

Textiles

Historically a significant portion of textiles, fabrics, clothes, linens, drapes and bedsheets were made from hemp. It has since been replaced by carbon-based synthetics or cotton. Hemp textiles are making a comeback. Thanks to their inherent qualities of lower carbon footprint, and strength and comfort, they will continue to grow in popularity now that hemp has been legalized in the U.S. Technology will foster additional growth as it will help overcome many of the obstacles to producing lower cost textiles.

Fuel

Hemp has one of the highest biomass to bio-fuel conversion ratios, second only to algae, and burns cleaner than any fossil fuel. Hemp seed can be processed into biodiesel and the stalk can be processed into ethanol. While hemp clearly is a high performance source of fuel, this use competes with some higher environmental value products named above.

Medicine

The Endocannabinoid system effects virtually every function of the body. Non-psychoactive cannabinoids produced from the hemp plant supplement and support the Endocannabinoid communication system enabling the body to function more effectively. Cannabinoids can be used to safely and effectively treat a myriad of health issues.

Food

Hemp is one of the world's most nutritious seeds. It is rich in protein and, in essential fatty acids omega-3 and 6 in a proportion considered optimal for human health. The nutritionally dense seed has been cultivated for thousands of years throughout Asia and the Middle East before finally making its way to Europe and then to the Americas.

HEMP BASED CONSTRUCTION MATERIALS

AN IMPORTANT COMPONENT TO GLOBAL HEMP'S FUTURE

With a growing awareness of threats to the environment, the time for hemp construction has arrived

Why Hemp houses?

According to the United Nations Environment Programme, the building sector is one of the greatest burdens to the environment. Viewed in the perspective of its life cycle, the production and consumption of a building mobilizes resources that will have a greater or lesser impact on the environment, depending on the type of construction. Globally, buildings during their life-time generate 35-40% of all CO² and are major contributors to climate change.

The hemp-lime combination, commercially called Hempcrete, offers new environmental perspectives. Viewed in the whole life cycle, the hempcrete house is carbon neutral, or may even be negative, contributing to the reduction of CO² produced in the construction and the operation of a hemp house. A 1,500 sq ft home can be constructed using 3.5 acres of hemp, which will sequester approximately 6 tons of CO², net of the CO² produced in lime fabrication (Hemp Lime Construction, Rachel Bevan and Tom Woolley – BRE press 2008). Additionally, as the hempcrete dries over time and re-carbonates, it will absorb more CO². Finally, the hemp house will draw less energy for heating or air conditioning due to its thermal properties, thus further reducing the carbon footprint of the house.



cross section of the straw / inner woody core source of hurd



hurd after processing

Advantages of hempcrete:

- Environmentally friendly
- Low carbon footprint and fully recyclable
- Excellent thermal regulation
- Superior sound absorption or mitigation
- Natural humidity regulation
- Natural pest resistance
- Fire resistance
- Mould resistance
- Energy efficient

IsoHemp Natural Building hemp blocks, an ideal product for the Colorado HAIZ. GHG is exploring the advantages of these blocks.

Disadvantages of hempcrete construction:

- Non load bearing mode of construction
- Dependence on weather condition for the shuttered mode of construction
- Historically, a higher cost of construction linked to the above constraints

Replacing shuttered and cast hempcrete walls with blocks or prefabricated panels has overcome the structural and weather issues, and reduced building costs to within 5% of traditional construction, demonstrating the impact of Research and Development.

CLICK ON THE LINK BELOW TO VIEW



1500 year old Ellora Caves preserved with hemp



Hemp is fire resistant



Building with hempcrete



Why build with hempcrete blocks



Hempcrete block construction



Prefab hempcrete wall panel

INNOVATIVE HEMP TECHNOLOGIES

SUSTAINABLE SOLUTIONS FOR A GREENER FUTURE

The Colorado Hemp Agro-Industrial Zone (“HAIZ”) is being developed under the banner of Innovative Hemp Technologies (IHT). IHT’s core objective is to develop “green” and “affordable” homes in a Planned Unit Development utilizing hemp-based construction materials to meet historical pent-up demand in the area. The project will include the development of large scale irrigation and cultivation of industrial hemp and the manufacture of hemp-based construction products and textiles. This will significantly expand the existing +US\$40 Million of water rights and infrastructure assets while generating multiple revenue streams for the Company. It will also help create dozens of new jobs for the community and enable individual homeowners make a meaningful environmental statement of their own.

Historically hemp projects have struggled as growing hemp and identifying a market to sell to, will not create a successful company. But adding a buyer for your product to the equation and becoming vertically integrated, creates a better chance of success. In the case of the Colorado HAIZ, a market has been identified with large scale pent up demand (affordable housing) that hasn’t been relieved in several decades. Additionally, if you do not already have the necessary water infrastructure in place, there is a huge barrier to entry for others. This is the ideal market to enter, as the real estate side of the project will be successful even before the inclusion of hemp-based building materials.

By utilizing a campus setting like that of the HAIZ, the Company will efficiently implement these vertically integrated functions; water, agriculture, processing and housing. Proven industry professionals have been engaged to work alongside IHT’s management in the areas of agriculture, R&D, manufacturing, and construction to achieve the Company’s objectives.



Prefabricated Hemp House Walls



AFFORDABLE HOUSING & WSRC WATER INFRASTRUCTURE

- Affordable Housing is an approved “beneficial use” for the water.
- Approved for 2,969 residential dwellings.
- 40 years of affordable housing shortage
- 1,000 acres identified, will be acquired in 2021
- Average house size – 1,500 sq ft
- Target selling price \$275,000 - \$475,000

Creation of Shareholder Value

Development of the Colorado HAIZ is expected to create shareholder value through the creation of real estate and water assets, along with the incremental introduction of multiple revenue streams that are expected to be generated from the various phases of project. Achieving this will set GHG on a path to becoming a leader in sustainable hemp-based “green” construction in the United States. The Colorado HAIZ will become a “showcase” project to demonstrate sustainable hemp construction products and technologies for third-party offtake and for replication in other suitable U.S. markets.



Definitive Agreement Signed

With the recent completion of the Definitive Agreement to acquire the Series A Preferred Shares of Western Sierra Resource Corporation (WSRC), GHG will gain control over the strategic water infrastructure assets that will be integral for the development of this project. The resulting alignment of GHG, WSRC and their respective management teams together under one umbrella will result in a stronger, more focused and efficient entity.



The project will leverage the existing water rights and infrastructure to turn “dry land” farming acreage into irrigated land with valuable water rights that can subsequently be used to develop “affordable housing” and high value agricultural crops such as industrial hemp. GHG’s vision is to take the hemp grown onsite and convert as much of the conventional building materials used at the project into sustainable, hemp-based building materials for use in the housing development. This project contemplates a 25-year build-out. The luxuries of a long-term project with demonstrably high demand are:

- (a) economies of scale
- (b) opportunity to implement learned efficiencies
- (c) opportunity to continually fine-tune product offerings through intimate familiarity with a specific market.
- (d) access to new markets stemming from other by-products of the hemp processing, such as fibres and microfibrines

These elements combined with predictably increasing prices and diminishing competition over the project term are likely to result in improved profitability year-over-year.

Access to Hemp Building Professionals

The Company recently became a member of the U.S. Hemp Building Association (“USHBA”). As the Company proceeds with the development of this project the ability to access a resource such as the USHBA and other industry professionals will be of great benefit.



The Mission of the U.S. Hemp Building Association is to support and advocate for hemp building professionals, hemp building projects and hemp building materials in the United States. Through initiatives that focus on forwarding the acceptance of hemp into building codes, creating educational material, and gathering information about current products, buildings utilizing hemp, and supply chain options, they endeavour to provide the industry the tools it needs to flourish. “Together we can change the world”.

Master Hemp Builder on the Team

The hemp-based house construction will benefit from the expertise of Gabriel Gauthier, GHG’s Advisor and a pioneer in hemp construction in North America.

Over the years Mr. Gauthier has built more than 50 hemp houses in Quebec and Ontario, in addition to renovating over 100 homes using hemp materials. As a result, he has developed a network of engineers and architects interested in the design of hemp houses.

In 2017 he began making prefabricated houses. This technique reduces production time by 75% and enables year round fabrication, free of weather constraints, while improving labour productivity, and increasing the standardization of the hempcrete mix.



RESEARCH & DEVELOPMENT DIVISION

An important component of Global Hemp Group and the **Hemp Agro-Industrial Zone (HAIZ)** is Research and Development. Intellectual Property created through the R&D Division will not only be utilized at the Company's projects, but the goal is to create patented technology that Global Hemp is able to widely market.

Prof. Víctor M. Castaño, Ph.D., a recognized leader in several areas of applied science and technology will head the Division. He and his team bring to GHG an amazing wealth of knowledge and experience in a number of different disciplines.

Prof. Castaño has published extensively, including 5 books and 25 patents and has received over 14,500 citations in the last few years. He is one of the most cited Latin-American scientists in his area. He is an engineer and scientist who dares to cross disciplinary boundaries.

Prof. Castaño is best known for his work in materials science and biomedicine, where he invented a very extensive line of new materials and technologies for various applications.



The team will actively focus on developing Intellectual Property that can be patented and implemented in the hemp and/or building industry, and in particular:

Environmentally-Friendly Construction Materials

30+ years of experience in the development of novel construction materials from natural sources, particularly agricultural waste and/or by-products, including many fiber-containing plants. Developing materials that could efficiently replace Medium Density Fiberboard (MDF - made from wood) with improved mechanical, thermal and environmental characteristics.

Nanofertilizers

Nanofertilizers are emerging as a promising alternative to chemical fertilizers in agriculture. Nanotechnology opens up ground-breaking areas of R&D. Nanostructures allow an increase of up to 20% in plant yield, while diminishing by orders of magnitude the use of traditional chemicals and having a positive impact on the environment and the cost of farming.

Enhanced Extraction from Hemp

The team has experience in extraction of essential oils using enzymes and microfauna, representing an innovative and green approach to this industry.



Why Research?

Research is of paramount importance to GHG and something the hemp industry needs to focus on. The two most significant reasons

- After an 80 year ban on hemp production, the industry is still using processing technologies that have barely changed since the beginning of the 20th century. Processes that effectively produce fibre for the textile industry are still largely artisanal.
- Most hemp products, which are eminently environmentally friendly, have to compete with carbon based products which benefit from a de facto subsidy estimated by the World Bank in trillions of dollars annually, principally because of the damage they cause to the environment.

R&D must find ways of making products more competitive and/or find niches where its qualities are outstanding. As an example, the nanosheet made of hemp competes with graphene in the fabrication of super capacitors at a fraction of its cost.

The Company plans to devote a portion of its net revenue to funding ongoing research.



2005 – first hemp house built in North America by GHG's Hemp Technical Advisor Gabriel Gauthier

For Further Information Contact:

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