



Asia Green
Biotechnology Corp.

The Agronomics of Hemp

[CSE: ASIA]



Readers' Advisory

The information contained in this presentation contains forward-looking statements and assumptions, such as those relating to results of operations and financial condition, capital spending, financing sources, commodity prices, costs of production and the magnitude of commodity markets. By their nature, forward-looking statements are subject to numerous risks and uncertainties that could significantly affect anticipated results in the future and, accordingly, actual results may vary significantly from those predicted. The forward-looking statements contained herein are made as of May 31th, 2020 and are subject to change after this date. Readers are cautioned that assumptions used in the preparation of such information may prove to be incorrect. Events or circumstances may cause actual results to differ materially from those predicted, a result of numerous known and unknown risks, uncertainties and other factors, many of which are beyond the control of the Company. Readers are cautioned not to place undue reliance on this forward-looking information.





ASIA GREEN BIOTECHNOLOGY CORP.

is an early stage international agri-technology company focused on the development, evaluation, testing, application and, ultimately, supply to the market of hemp-oriented proprietary organic hybridization technology and products derived from that technology.





INVESTOR HIGHLIGHTS

- Aggressively pursuing research of and planting, growing, and harvesting opportunities of new and valuable strains of hemp and related crops under the terms of License Agreements for all of Asia with InPlanta Biotechnologies Inc. and Swysh Inc.
- InPlanta and Swysh are bio-science and research and development companies which have significant experience with hemp and general bioscience industries
- Asia Green has License Agreements which secure exclusive rights to use the technology developed by InPlanta and Swysh in the hemp and related crop industries in and throughout Asia
- Swysh has developed over 800 new Cannabis sativa lines and extracts and hypothesized that high-CBD *C. sativa* extracts may be used to modulate ACE2 expression in COVID-19 target tissues
- Partner arrangements in place or being negotiated in Cambodia, Thailand, Korea, Malaysia, and other regions with significant market potential
- Working with major universities to jointly undertake both evaluation of new strains in selected regions and testing of byproducts for commercial and healthcare applications
- Implementing strategies to establish commercialization of seed production and distribution

OUR STRENGTHS

Knowledge: Asia Green applies Best Practices in planting, tending, and harvesting, as determined by our expert partners at Inplanta Biotechnologies, which has decades of research and growing experience.

Seeds: Inplanta, Swysh, and our international partners provide us access to the highest quality seeds for the multifaceted approach of our business plan.

Quality Control: We manage all quality control from seed to harvest.



BIOTECHNOLOGY AND LICENSING THROUGH OUR PARTNERS

INPLANTA BIOTECHNOLOGY researches, produces and controls organic hybridization biotechnology and related intellectual property (IP) for the purpose of planting, growing, and harvesting lucrative hemp strains and related crops on a commercial level. InPlanta holds the only approved Nursery License issued for this purpose by the Government of Canada.

SWYSH focuses on research and development of highly specific hemp lines and bases that research on the potential of by-products to provide significant medicinal and related healthcare benefits.





COMPETITIVE ADVANTAGES

Our Biotechnology partnerships provide competitive advantages in lucrative Asian markets as we are equipped to identify and create specialized strains of plants for localized product extraction. With these tools we can:

Apply / Obtain – R&D Accreditation and government permitted importation of Canadian-developed hemp strains

Genetic / Production – tailor strains to meet international standards and particular needs for markets

Develop / Introduce – genetic materials for cross pollination of strains with desirable and profitable traits

Produce / Inventory – seed banks of proprietary strains as a secondary alternative activity

Integrate / Foster – hemp farming in the local economy to foster sustainable growth and opportunity

THE HEMP MARKET: BENEFITS AND USES



- Hemp represents one of the most dynamic and versatile industrial crops. Our ability to implement genetic hybridization of hemp and other plants can provide significant expansion of the potential of that crop in the realms of food, fuel, fibre, pharma, and foundation pillars of the hemp industry.
- Worldwide social and business trends point to an embracing of hemp as a multi-faceted, broad application plant capable of addressing significant needs in the realms of food, fuel, fibre, foundation and pharmaceuticals. This awareness is driving the growing demand for advanced genetic cultivars.
- Asia Green's licensed technology offers extensive opportunities to test and develop new varieties of hemp for optimal growth and production potential in new regional environments.

Asia Green Biotechnology Corp.

Environmental

- Ability to grow in infertile soil
- Requires less water and fertilizers
- Improves / rehabilitates soil with a carbon sink ratio of 4 times the average forest

Production

- (South East Asia) 3 crops a year possible
- Hemp yields 2 to 5 tons of biomass per acre depending on whether it is grown for CBD, Hemp seed oil or fibre

Biofuel

- Four times richer in biomass/cellulose than rivals (cornstalk, sugarcane, kenaf or wood waste products)
- Hemp converts the sun's energy into cellulose faster than any other plant

CSE: ASIA

INDUSTRIAL HEMP

hemp fiber. hemp hurd. hemp seed

known to have over **50,000** different uses...

Hemp Facts

Industrial Hemp contains less than **1% THC**
(Tetrahydrocannabinoids)
Hemp is not a drug.
Hemp is not Marijuana.

Hemp is a **RESOURCE**

Hemp fiber is the **STRONGEST NATURAL FIBER** in the world.

20 years for trees to mature
4 mths for hemp

Hemp can yield 3-8 dry tons of fiber per acre, **FOUR TIMES** what an average forest can yield.

Both the Magna Carta the Gutenberg Bible, and even first drafts of the Constitution were printed on hemp fiber paper.

Paper, fertilizers, soil nutrients, and animal bedding can be made from leftover waste when processing hemp.

This means **ALL** parts of the plant are being used, or put back into the earth.

1 acre of hemp = **1,000** gals. of methanol

1941 Ford motor company produced an experimental automobile with a plastic body composed of 70% cellulose fibers from hemp. The car body could absorb blows 10x as great as steel without denting. The car was designed to run on hemp fuel. Because of the ban on both hemp the car was never mass produced.

Anything made out of cotton, timber, or petroleum can be made out of hemp.

Hemp seeds contain nutritious, **polyunsaturated fatty acids (PUFAs)** 80% the highest amount found within the plant kingdom.

Highly Nutritional for both humans & animals.

contains rare fatty acid **Gamma-linolenic** proven to help treat...

- Arthritis
- Neurodermatitis
- Premenstrual Syndrome

No other single plant source provides complete protein in such an easily digestible form, nor has the oils essential to life in as perfect a ratio for human health and vitality.

Herbal Research & Development Institute

Fibers

the outer bast fibers of the stalk usually made into long strands.

Hemp cultivation requires no chemicals, pesticides or herbicides.

Hurd

leftover pieces of stem and stalk made into small, chunk form pieces.

Hemp can be dated back more than 10,000 years. The Columbia History of the World states that the oldest relic of human industry is a bit of hemp fabric that dates back to approximately 8,000 BC.

Seeds & Oil

hemp seeds can be used both raw and for the oils they produce.

Textiles

can replace
Textiles • Any Cotton Based Products • Rope • Canvas • Cording

Insulation

can replace
Insulation • Almost all molded Plastics & Fiberglass • Acrylics combined with hemp hurds

Paper

can replace
Paper Products • Cement & masonry building materials combined with hemp fibers

Hemp hurds

can be cleanly converted into
GASOLINE!!

This hemp biomass can also make
Ethanol
Methanol
Methane Gas

HEMP BIOMASS CAN CREATE ELECTRICITY

Hemp hurds can produce ten tons of biomass per acre every 4 months. Enough biomass could be produced on 6% of US land mass to provide energy for the entire country.

cosmetic and beauty items

great for skin & hair health

dairy products, butter, milk • burger patties • many other foods • BEER

histidine • isoleucine
leucine • lysine
methionine • threonine
phenylalanine
tryptophan • valine

contains all nine essential amino acids • large amounts of protein • vitamins A, B, C, & D • medicinal purposes

industrialhemp.net • yalehemp.com • ozhemp.com • angelite.com
theoilshillingourmet.com • canabacollege.com • hempstalk.org

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HEMP PLANT PRODUCT POTENTIAL

Hemp seeds (800 - 1,200 pounds per acre)

- Food – hemp hearts, EFA supplements, hemp protein powder, hemp seed oil
- Body care - cosmetics, soaps, balms, shampoos, lotions
- Industrial products - coatings, oil paints, solvents, varnishes, biodiesel fuel

Flowers (1,000 - 2,000 pounds per acre)

- Cannabinoid production for health and wellness
- Extracts, oils, topicals, aromatic products, juice products

Stalks (800 - 2,000 pounds per acre)

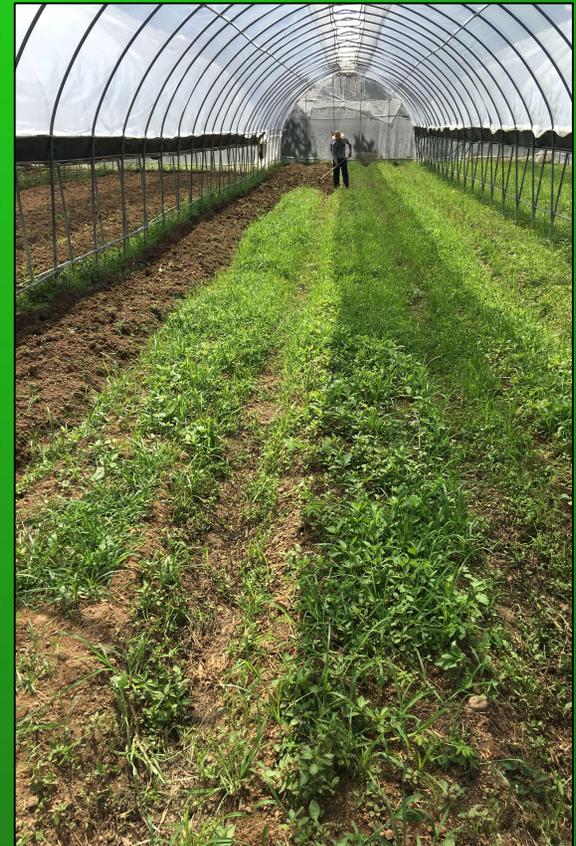
- Long Fibres - clothing, textiles, ropes, yarns, twines and much more
- Short Fibres - paper, plastics, animal bedding, building supplies, biofuel

Roots (600 - 1,200 pounds per acre)

- Extracts, cellulose biofuel, skin products

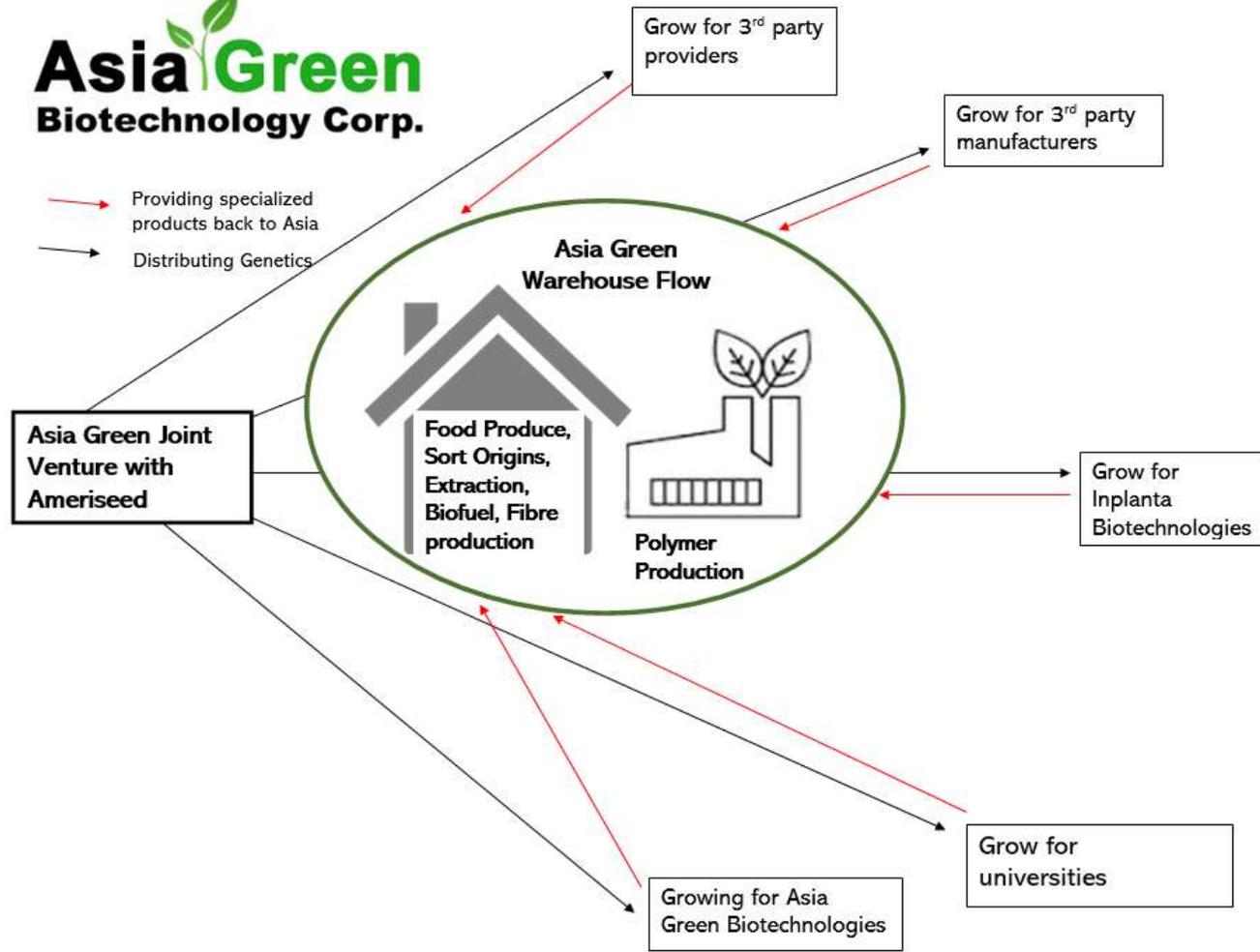
Remaining waste biomass (Hurd and Roots)

- Hemp pellets, BioFuel for Power, Biofuel for Transport



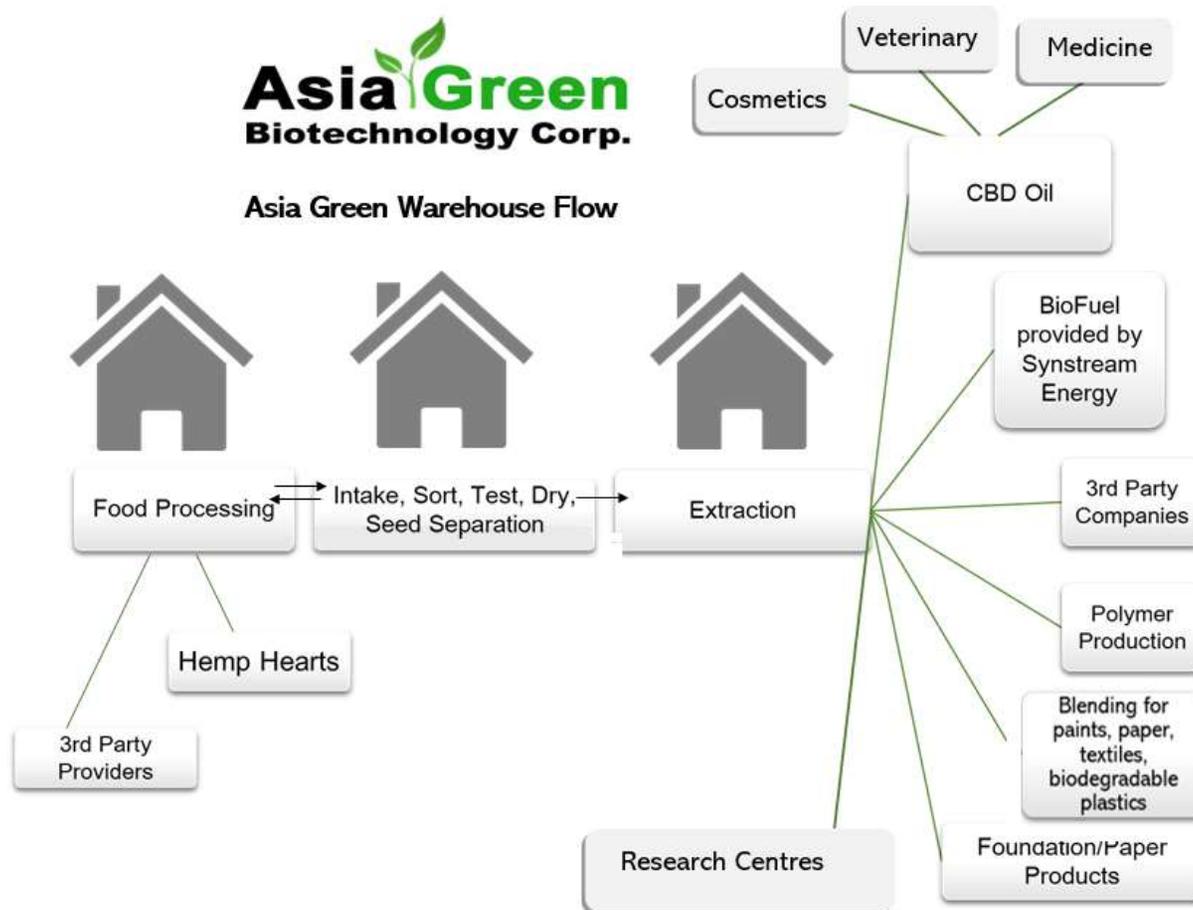
Asia Green Biotechnology Corp.

→ Providing specialized products back to Asia
→ Distributing Genetics



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Asia Green Warehouse Flow



PARTNERS IN ASIA

Kingdom of Cambodia

Through **Asia Hemp Industry Corp.**, Asia Green is working with the Cambodian government to obtain research accreditation and permits to support and permit importation and testing of Canadian-developed hemp strains. Ultimately, we will encourage integration of hemp farming into the local and regional economy in a responsible manner, approaching growth and expectations of the local community in a reasonable way as dictated by demand.



Thailand

Asia Green has formed a joint venture with **AmeriSeed Group** in Thailand execute business development plan tied to the evaluation and implementation of seed and plant production techniques relating to hemp and other plants with medicinal, practical or other benefits. AmeriSeed engages in research and development activities as well as general operations in Chiang Mai, Thailand, and has expertise in the application of plant genetics, seed production and technology, plant production, sales and market dynamics.

Asia Green is also in negotiations with universities in Thailand for the purpose of undertaking joint research programs aimed at evaluating both the growing characteristics of the Company's plant strains and the nature of by-product viability, including potential studies of the **Swysh** COVID-19 treatment.



OILS / EXTRACTS: POTENTIAL for DEVELOPMENT

Cannabidiol (CBD) is a major phytocannabinoid derived from the flower and stalk of *Cannabis sativa* plants. CBD extracts and oils are a botanical CBD concentrate without the psychoactive effects caused by tetra-hydrocannabinol (THC).

CBD / Humans – benefits for anxiety, depression, chronic/ acute pain, PTSD, seizures, and other health issues

Conventional / Extraction – large market for low-cost extraction for pet foods, treats, and supplements

CBD-Strain / Hybrids – IP focus on hybridized, cross-pollinated CBD strains optimal for animals and for human consumption

Production / Planning – bulk/ wholesale of proprietary, superior CBD oils/ extracts for local and export markets

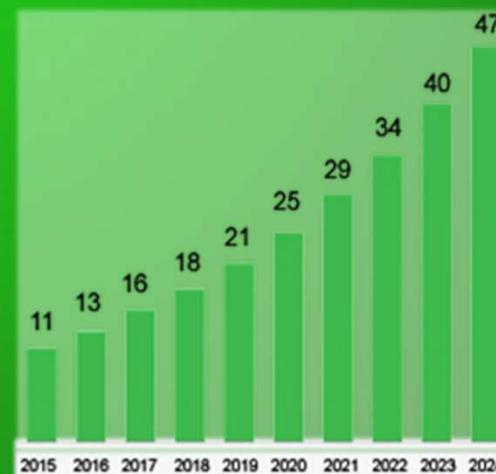
SWYSH LICENSE MAXIMIZES POTENTIAL FOR CBD EXTRACTS IN MEDICAL TREATMENTS

Swysh license grants access to Asia Green to proprietary technology and related intellectual property aimed at providing the basis for creation of topical and systemic treatments for a variety of external and internal conditions and ailments, including a number of anti-viral and preventative health-care applications.

Of critical relevance at this time is specific research being undertaken by Swysh and Asia Green for anti-viral treatment which may have positive impacts on the COVID-19 viral disease.

A patent application has been filed by Swysh with the United States Patent Office in respect of new and unique *Cannabis sativa* lines, extracts and methods for their use to inhibit the levels of ACE2 receptor in oral, lung and intestinal epithelial tissues to prevent entry of SARS-CoV-2 and related viruses, to treat the cytokine storm that precedes and underlies acute respiratory distress syndrome in COVID-19 and other diseases, and to affect viral life cycle processes.

Global Medical CBD Market \$B²



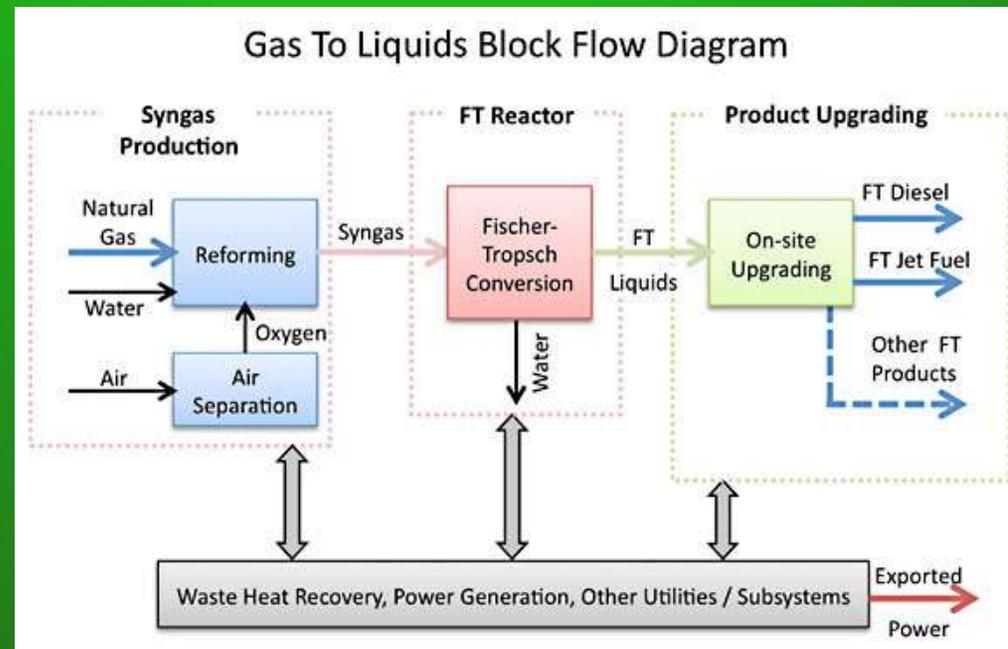
ASIA GREEN RECOGNIZES BIOFUELS POTENTIAL

- Develop relationships with partner companies to facilitate development of specialized technology for the production of synthetic fuel from hemp biomass
- Develop and produce strains of hemp capable of producing large biomass best- to the creation of synthetic fuels
- Identify and maximize best biological traits, and thereafter locate viable partner to process large, commercially-sound volumes
- Asia Green management has strong relationships with companies expert in this realm, and will work with them to develop this significant Green fuel opportunity



BIOMASS AND GAS-TO-LIQUIDS (BGTL) TECHNOLOGY

Hemp biomass is converted into synthetic fuels through a common gasification process and then converted into a synthetic diesel through a modified Fischer-Tropsch process. The initial gasification stage converts the hemp biomass into high quality, tar free gas. This syngas can be used in power generation or in other renewable fuel based technological applications. (Image courtesy Gasification Technologies Counsel)





MANAGEMENT TEAM

EXECUTIVES AND DIRECTORS

David E.T. Pinkman
President, CEO and
Corporate Secretary

Johannes J. Kingma
Director

Dr. Igor Kovalchuk
Director

Vincent E. Ghazar
CFO and Director



David E.T. Pinkman – David Pinkman BA, LLB, founded, operated, and was Executive Chairman of Jupiter Power International Inc., an independent power production company which successfully built and operated a number of power plants in Cambodia and SE Asia. Mr. Pinkman has participated in the management and ownership of a number of companies in his recent career. Previously, he was the Interim Chief Executive Officer of Synstream Energy Corp., a corporation specializing in the application of gas-to-liquids technology in the oil industry, from August 21, 2017 until December 29, 2017 and served as a director from May 2007 until present. He is and has been a director of Builders Capital Mortgage Corp. since March 28, 2013. Mr. Pinkman has served on the boards of a variety of local volunteer organizations.

Johannes J. Kingma – Mr. Kingma is President/ CEO of a private investment company (2006 -) and President, Chairman, and a director of Synstream Energy Corp. (TSX-V:SHM), since 2007. He has been President and also CEO and director of a number of public resource companies from 2004 to 2010. Prior to this, Mr. Kingma was an investment advisor with IPO Capital Corp., Canadian Western Capital Limited and its predecessor Charlton Securities Ltd.

Dr. Igor Kovalchuk – Dr. Kovalchuk is a Professor at the University of Lethbridge, Department of Biological Sciences (2001 -) and Board of Governors' Research Chair in Plant Biotechnology (2007 -). He is also executive member and Scientific Leader of Alberta Epigenetics Network (2014 -), and a Director of Next Generation Sequencing facility (2010 -).

Vincent E. Ghazar – Mr. Ghazar has been a self-employed accountant since January 2014. Since January 2011, Mr. Ghazar has been the Controller of Synstream Energy Corp. and since March 2013, CFO and VP Finance of Standard Exploration Ltd., both TSX V listed companies.



FOR FURTHER INFORMATION:

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