



Asia Green
Biotechnology Corp.

The Agronomics of Hemp

[CSE: ASIA]



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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, growth, 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.



Environmental

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

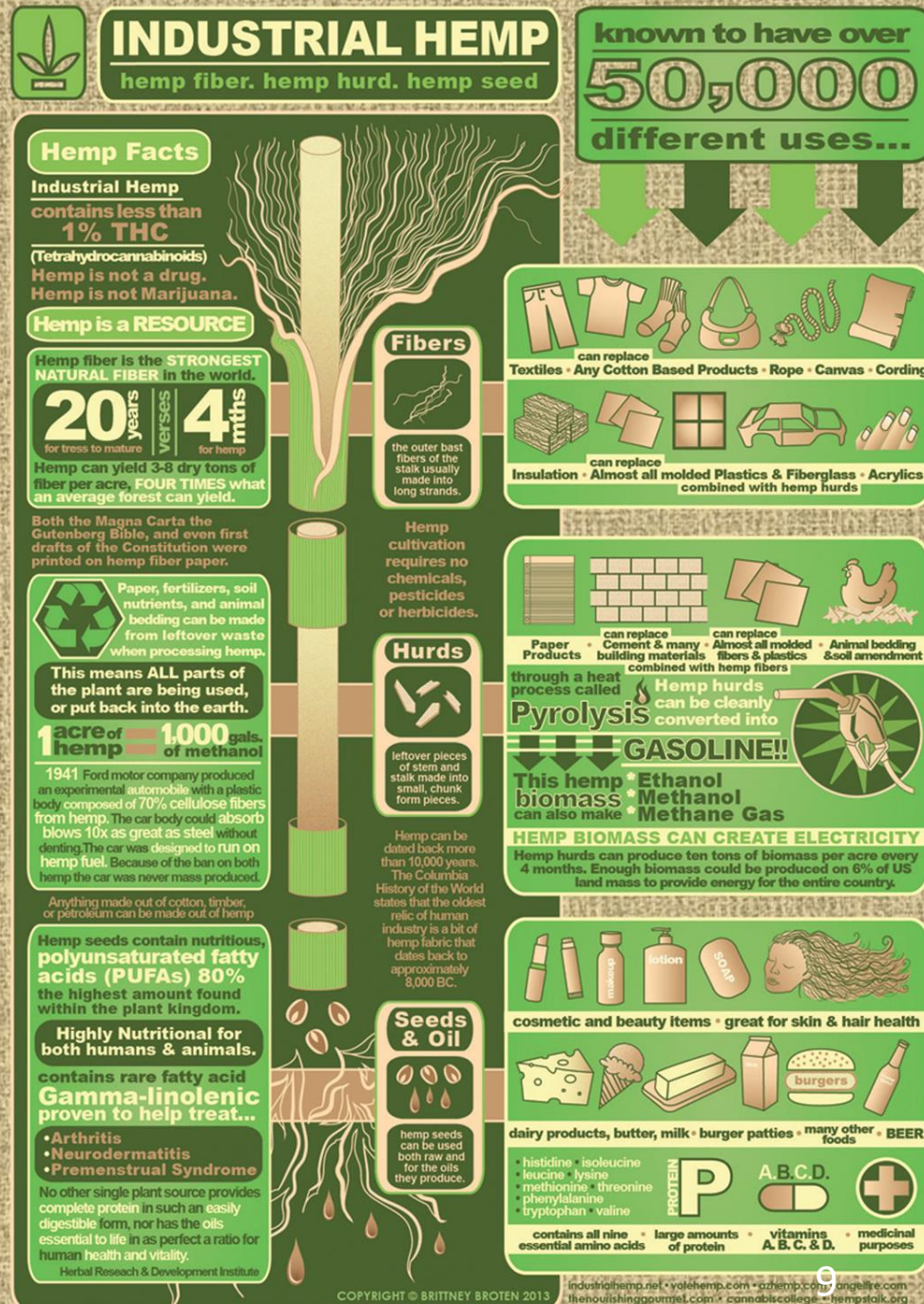
Production

- (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

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HEMP PLANT PRODUCT POTENTIAL

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

- Food - hemp food hearts, EFA supplements, hemp protein powder and 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 and biofuel

Roots (600 - 1,200 pounds per acre)

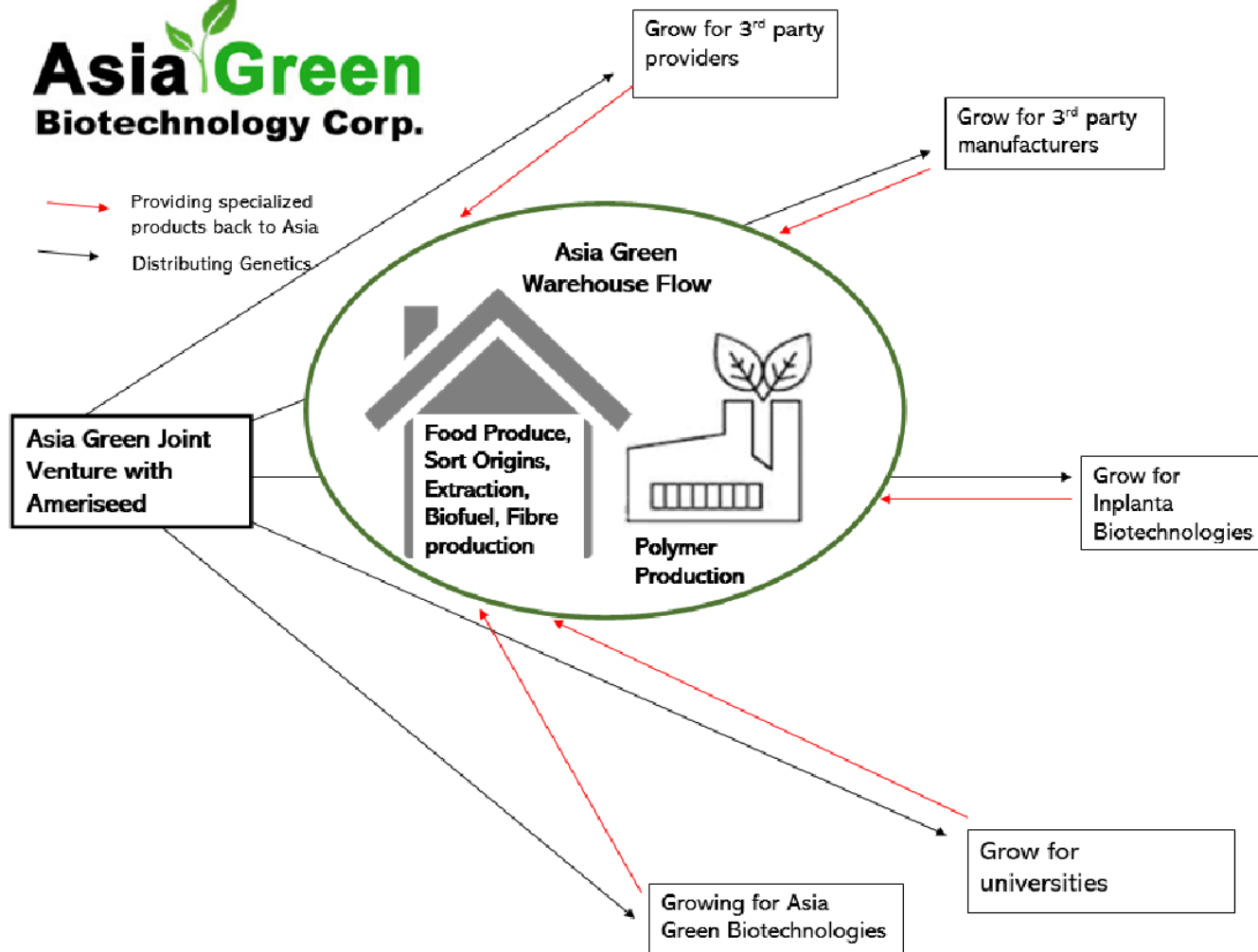
- Extracts, cellulose biofuel, skin products

Remaining waste biomass (Hurd and Roots)

- Hemp pellets, BioFuel for Power, Biofuel for Transport

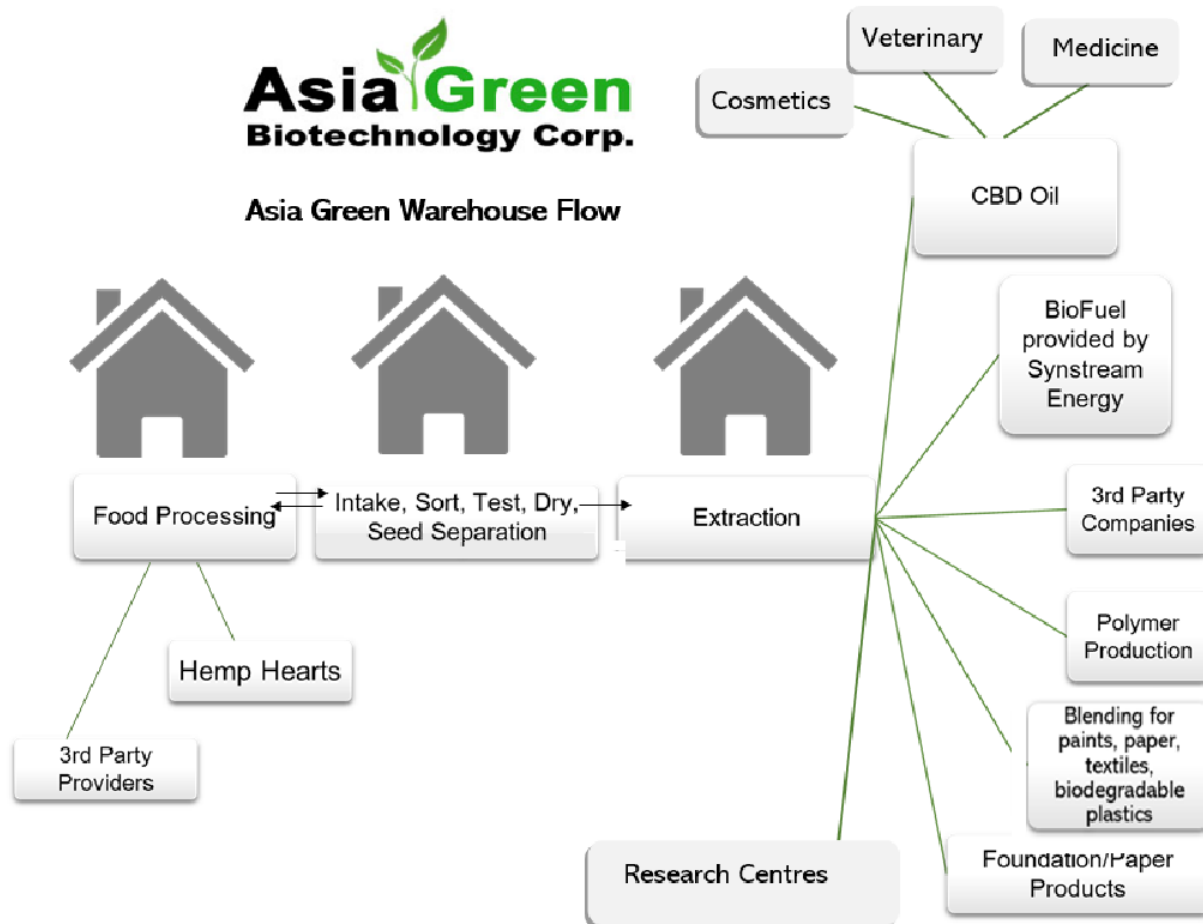


Asia Green Biotechnology Corp.



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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 stains 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 historic 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.



MANAGEMENT TEAM

EXECUTIVES AND DIRECTORS

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

Johannes J. Kingma
Director

Igor Kovalchuk
Director

Vincent E. Ghazar
CFO and Director



- **David E.T. Pinkman** — Mr. Pinkman has been CFO of International Softrock Oil Company Ltd., a TSX-V listed oil and gas company, since 2012. He also served as VP and Corporate Secretary at Red Rock Energy Inc. (2005-2017), also serving as its Interim CFO. Mr. Pinkman was CFO of Synstream Energy Corp., a TSX-V listed company (2007 to 2018) and was a director thereof from 2007 until present.
- **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.
- **Igor Kovalchuk** — Mr. 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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