Technology Solutions

Delivering Food Supplements for Healthy Living

ecovatec solutions inc

ecovatec solutions inc

Adding 600% in value to egg yolk

New Continuous Flow CO_2-Cavitation Technology

Proven Technologies - Proven Market

Value-Added Products

Green Processing

Patentable Technology

Large and Growing Market

Executive Summary

What We Do:

- Split ***liquid*** egg yolk into four separate products:
  1) **Phospholipids** (PL-60)
  2) **Phosvitin** (Phosvitin Phosphopeptides - PPP)
  3) **Egg Oil** (Lysolecithin)
  4) **Yolk Protein Peptide** (YPP)
- Split the yolk with greater ***purity***, ***efficiency***, and ***effectiveness***.
- Use no dangerous chemicals, which:
  - avoids product contamination
  - lowers manufacturing costs
- Add **600%** in **value**

Value Add - 4 Products Produced ($CDN)

Input:	**Weight** (kg)	**Price** ($/kg)	**Total** ($)
Liquid Yolk	1000	$5.33	$5,333
Output:			
PL-60	70	$167	$11,690
PPP	40	$267	$10,680
Egg Oil	100	$33	$3,300
YPP	90	$133	$11,970
Processing Gain from 1000 kg			$32,307
Percent Value-Added			600 %

Project Timeline

Plant Equipment

- Installation in a fully functional, pharmaceutical grade manufacturing facility in Abbotsford, BC, Canada
- Site near existing egg processing facility
- 10 year lease agreement in place
- Production slated for Sept 2016

Design, Process Engineering, Fabrication and Equipment Ordering	Installation May-Aug 2016	Commissioning August-September 2016 10-25% Plant Capacity	Year 1- Production Sept 2016-17 50-150% Plant Capacity
8 Months	3 months	1 months	12 months

Project Risk Management

Graduated Risk Mitigation

- C$ 3.4 Million raised to date
- Process engineering and manufacturing processes streamlined with a proven team
- Installation and commissioning is ongoing and will be completed by end of August
- Production ramp–up schedule has been optimized
- Production testing added new product (YPP) and enhanced yields

Revenue and Cash Flow Projections

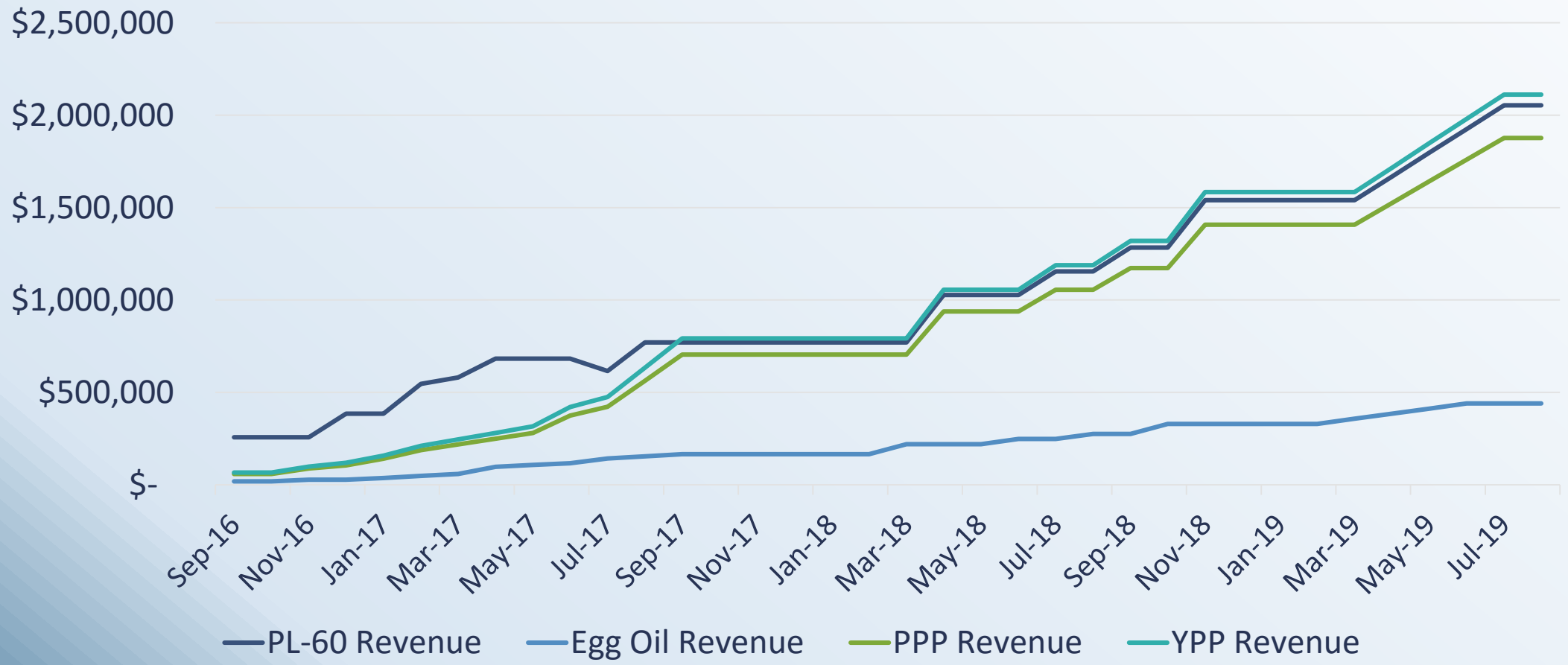
YEAR 1 Projected REVENUE	YEAR 2 Projected REVENUE	YEAR 3 Projected REVENUE
C$ 12.8 Million	C$ 34.14 Million	C$ 62.56 Million

YEAR 1 projected Net Positive Cash Flow	YEAR 2 projected Net Positive Cash Flow	YEAR 3 Projected Net Positive Cash Flow
C$ 1.1 Million	C$ 11.2 Million	C$ 24.7 Million

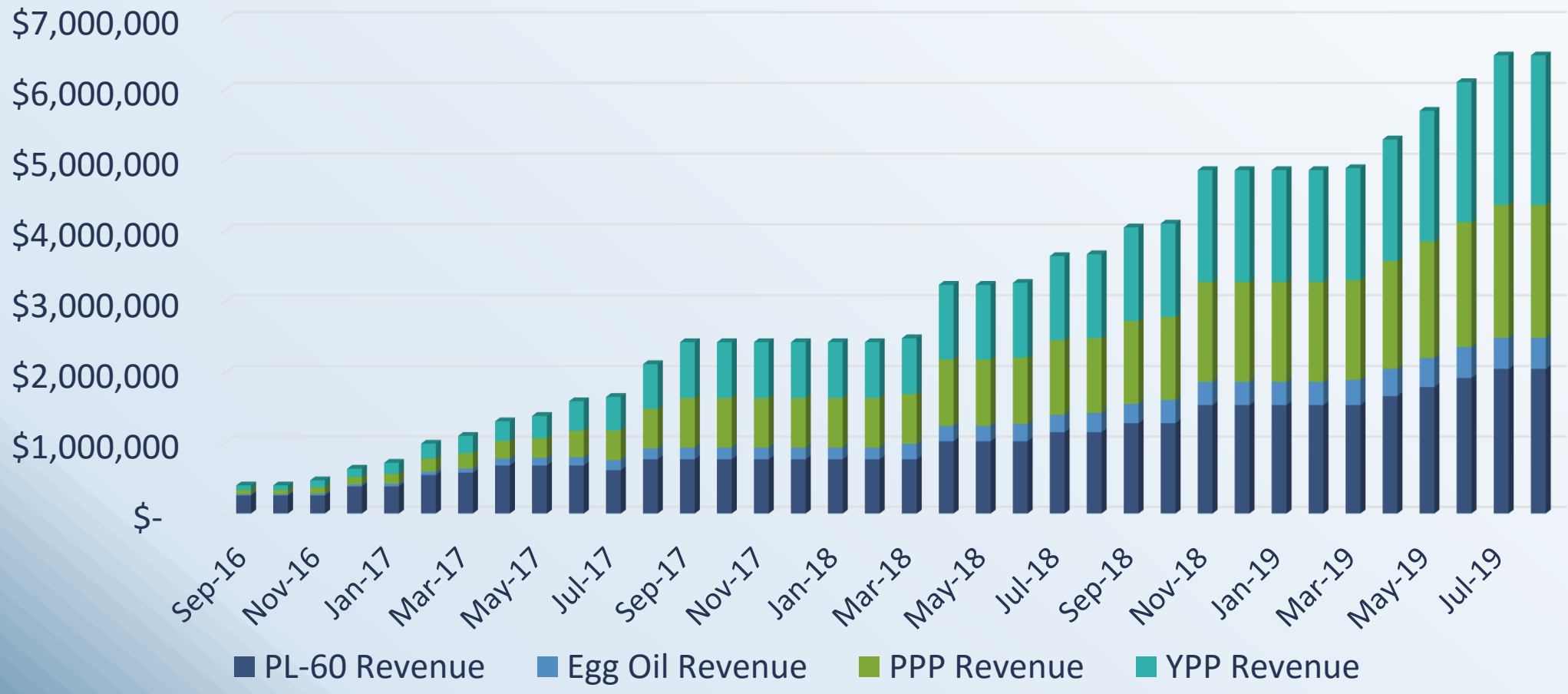
Assumptions:

- Year 1 - Plant finishes year at 150% of initial production capacity (66,000 L of liquid egg yolk/month)
- Year 2 - Plant capacity doubles, production ramps from 150% to 250%
- Year 3 - Plant capacity doubles, production ramps from 250% to 400% (176,000 L/month)
- No revenue from new markets

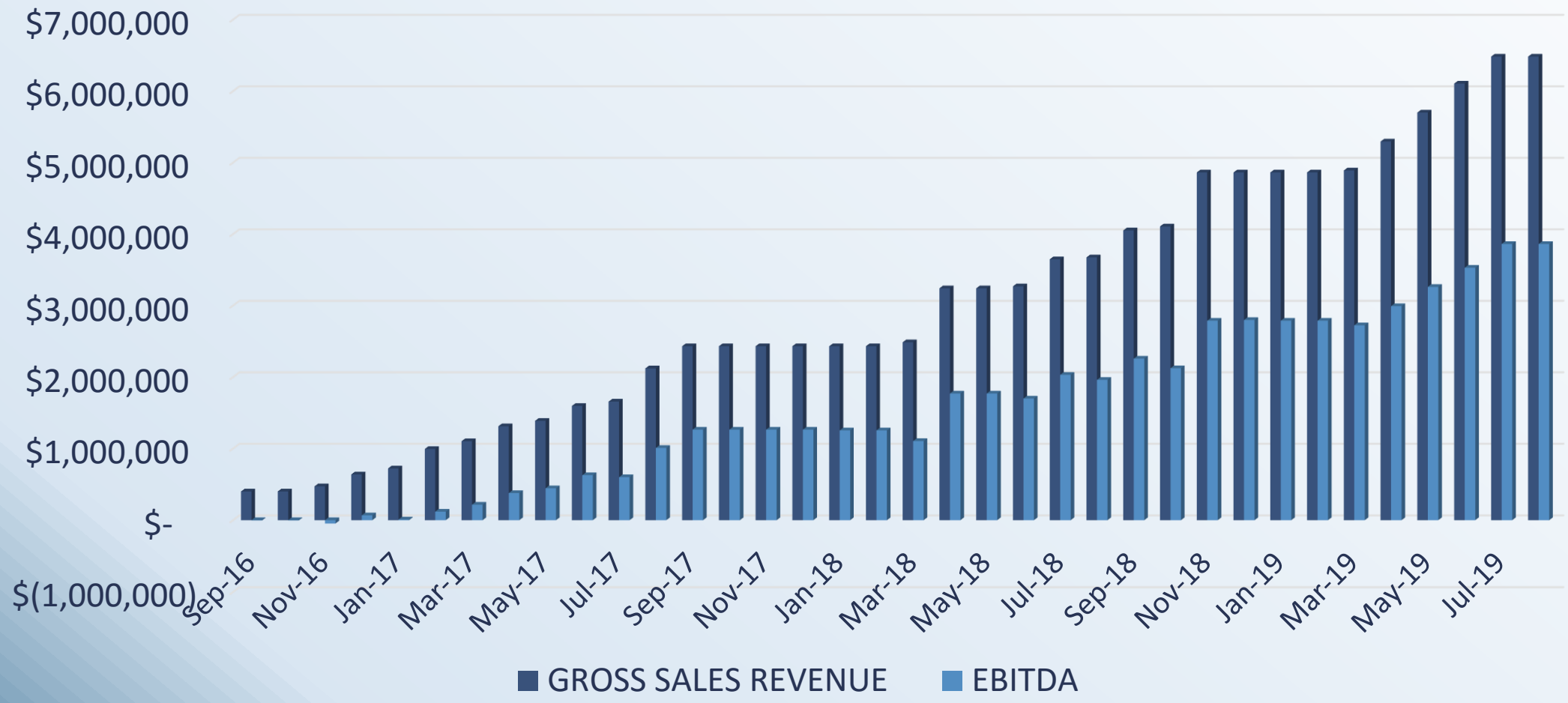
Monthly Revenue: Individual Products



Stacked Gross Monthly Revenue



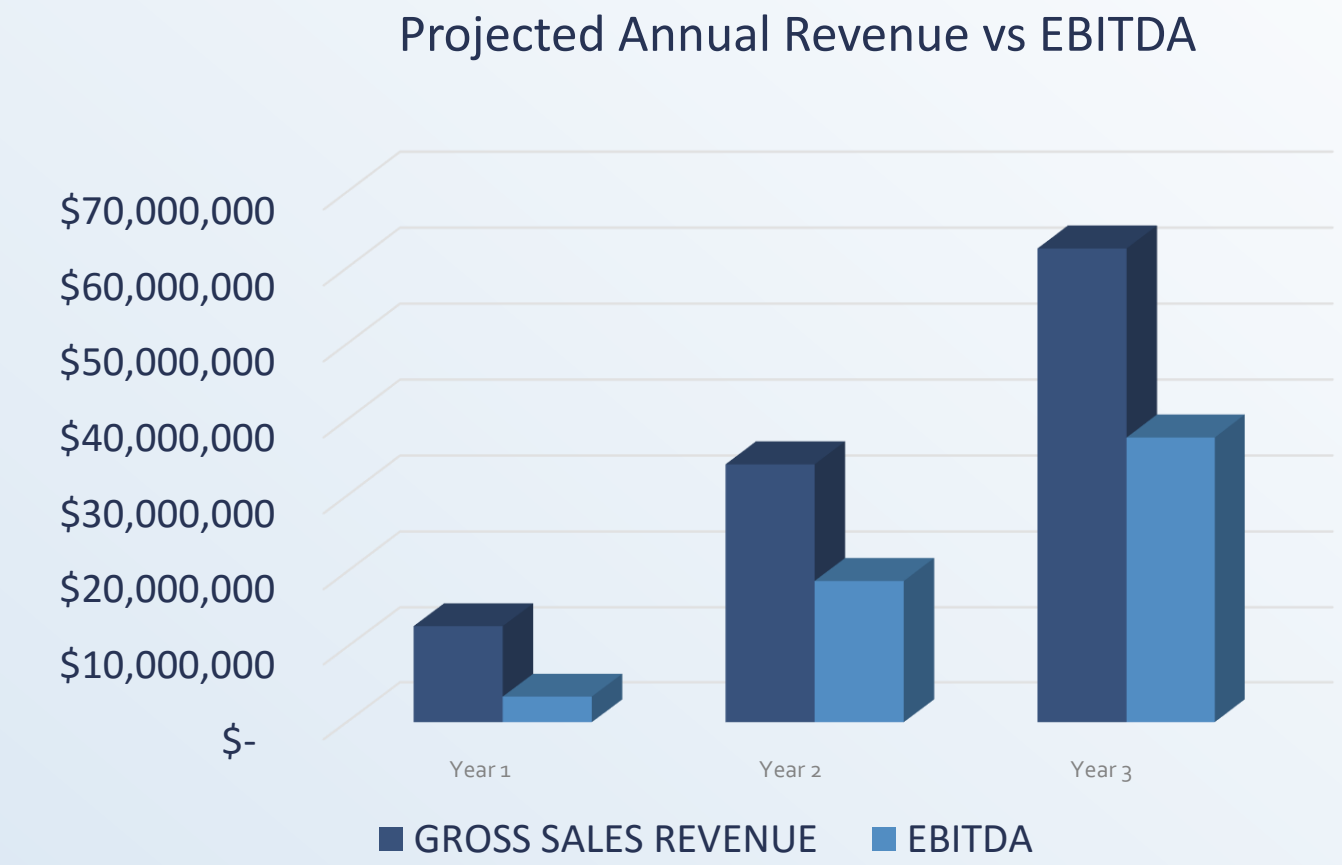
Gross Monthly Revenue vs EBITDA



Project Economics

- **Initial Capital Expenditures: C $2.85 Million**
- **3-Year Sustaining CAPEX: C $8.22 Million**
- **14 month payback period**

Year 1 EBITDA	**C $3.3 Million**
Year 2 EBITDA	**C $17.9 Million**
Year 3 EBITDA	**C $35.7 Million**



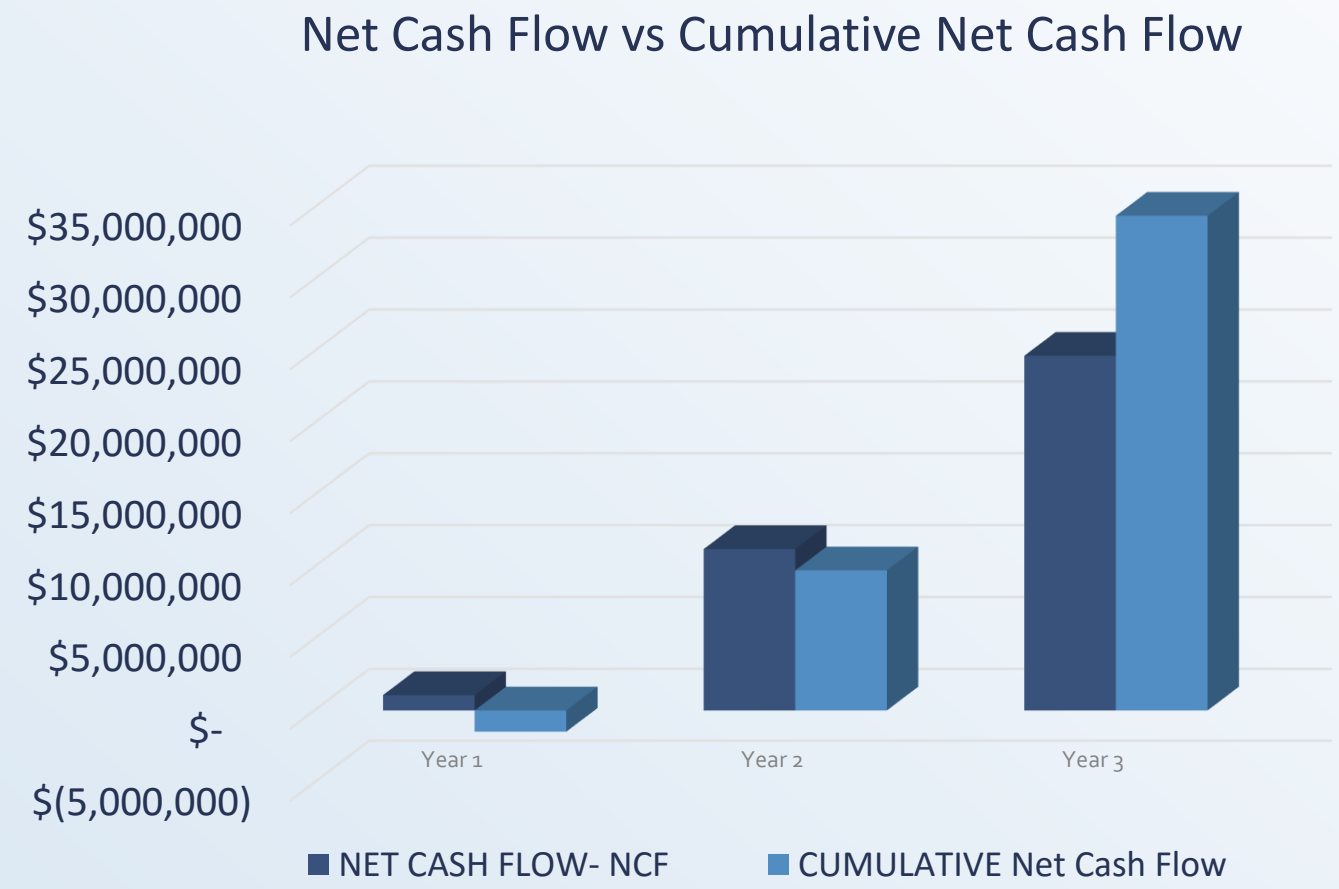
Project Economics

Market Size:

- Abbotsford Plant can produce <2% of existing market

Gross Margin:

- Year 1 47%
- Year 2 62%
- Year 3 63%



Corporate Structure

Private Canadian Company (Non-Reporting Issuer)

- Management and Insiders 20 Million Shares
- New Investors: 12.5 Million Shares
- Total Issued Shares: 32.5 Million Shares
- Management placed $600K of $3.4M

20 Million Shares b/w IP, Founders and Mgmt held in escrow as performance shares and awarded when annual revenue milestones are achieved

- 25% released upon successful construction, commissioning and start-up
- 25% released each year from years 1-3 as revenue milestones are achieved

YEAR 1 Projected REVENUE	YEAR 2 Projected REVENUE	YEAR 3 Projected REVENUE
C$ 12.8 Million	C$ 34.14 Million	C$ 62.56 Million

Corporate Structure

Financing Terms

Seed Round (Oct 2015)	3.7 million shares	@ .20 =	$740k
Pro-rata contribution	3.9 million shares	@ .30 =	$1.2 Million
2nd tranche (Mar 2016)	2.0 million shares	@ .30 =	$600k
3rd tranche (June 2016)	2.8 million shares	@ .30 =	$840k

Total raised to date $3.38 Million

Total Shares Outstanding 32.5 Million

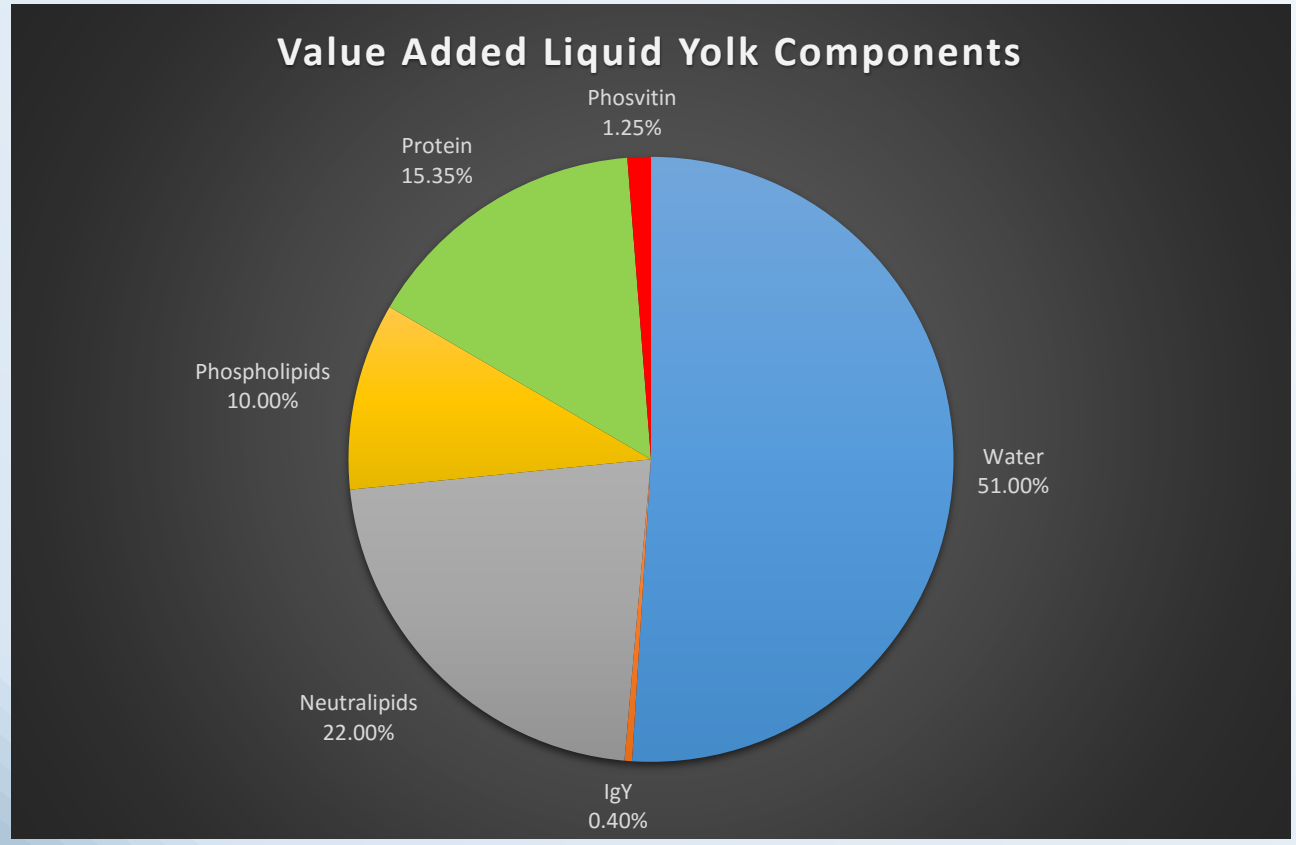
Dividend Policy

Hybrid Dividend Policy*

It is the Company's intention to distribute dividends to shareholders which reflect at least 50% of free cash flows on a quarterly basis starting in Q4 2017.

*This dividend policy represents the management's current intention and may be revised in the future. Also, the decision regarding dividend payments in any given year is subject to specific dividend proposals by the management and supervisory boards, each of which may elect to deviate from this dividend policy if appropriate under the then prevailing circumstances, as well as to the approval of the annual general meeting

Egg Yolk Composition



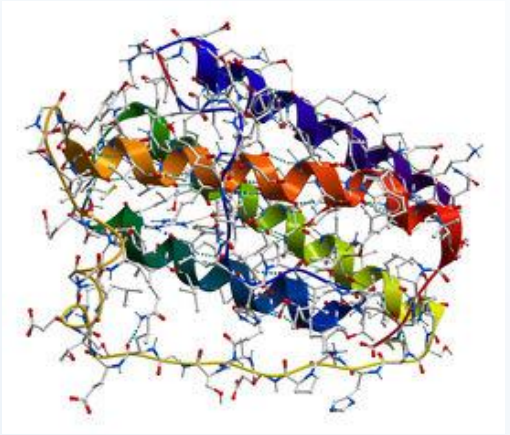
Executive Summary

How We Do It:

"**Continuous Flow CO_2-Cavitation Extraction**"

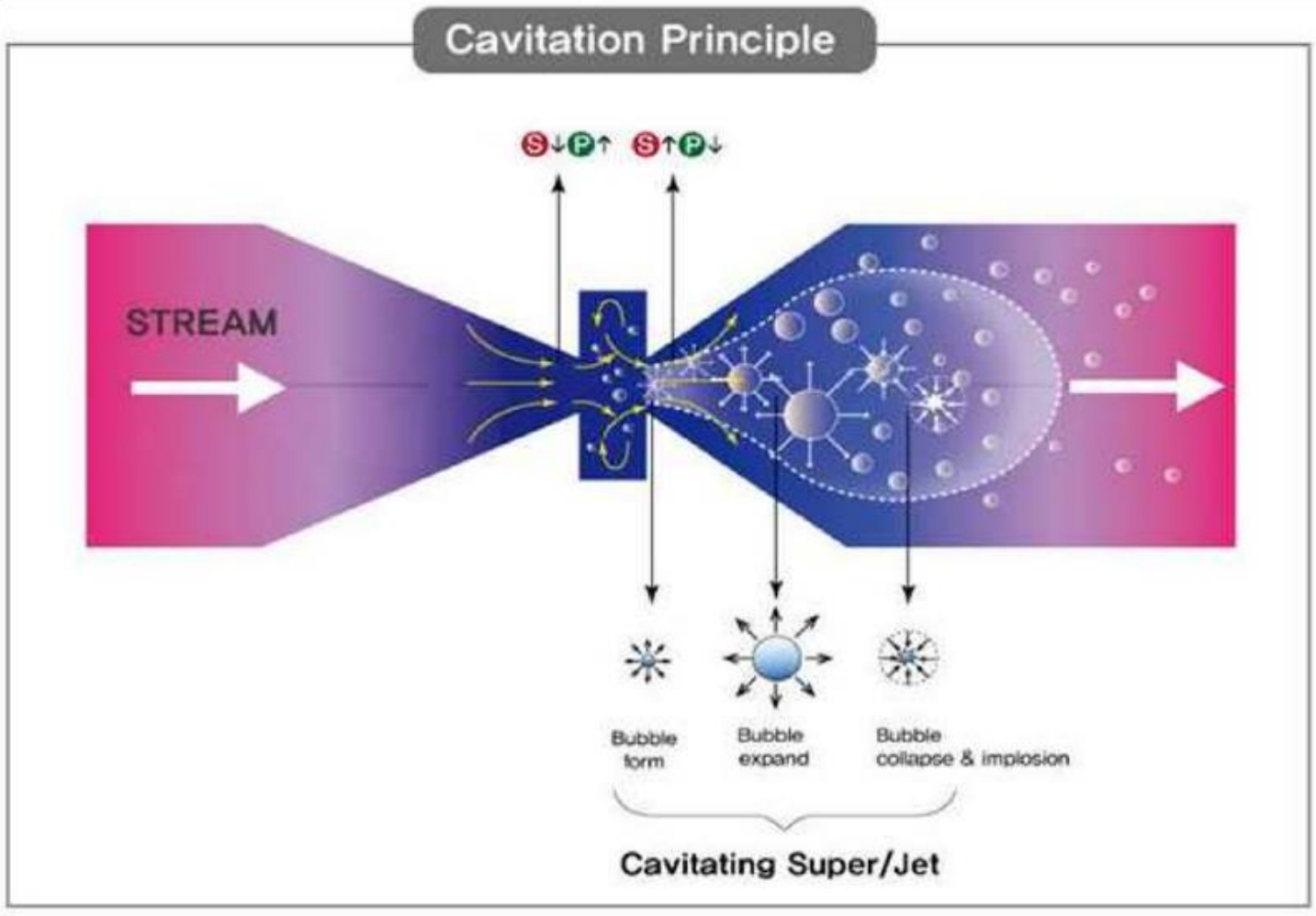
- new hybrid technology
- based on proven processes
- low pressure and low temperature
- use carbon dioxide as solvent
- continuous flow, not traditional batch

Process Cost Analysis/Advantage

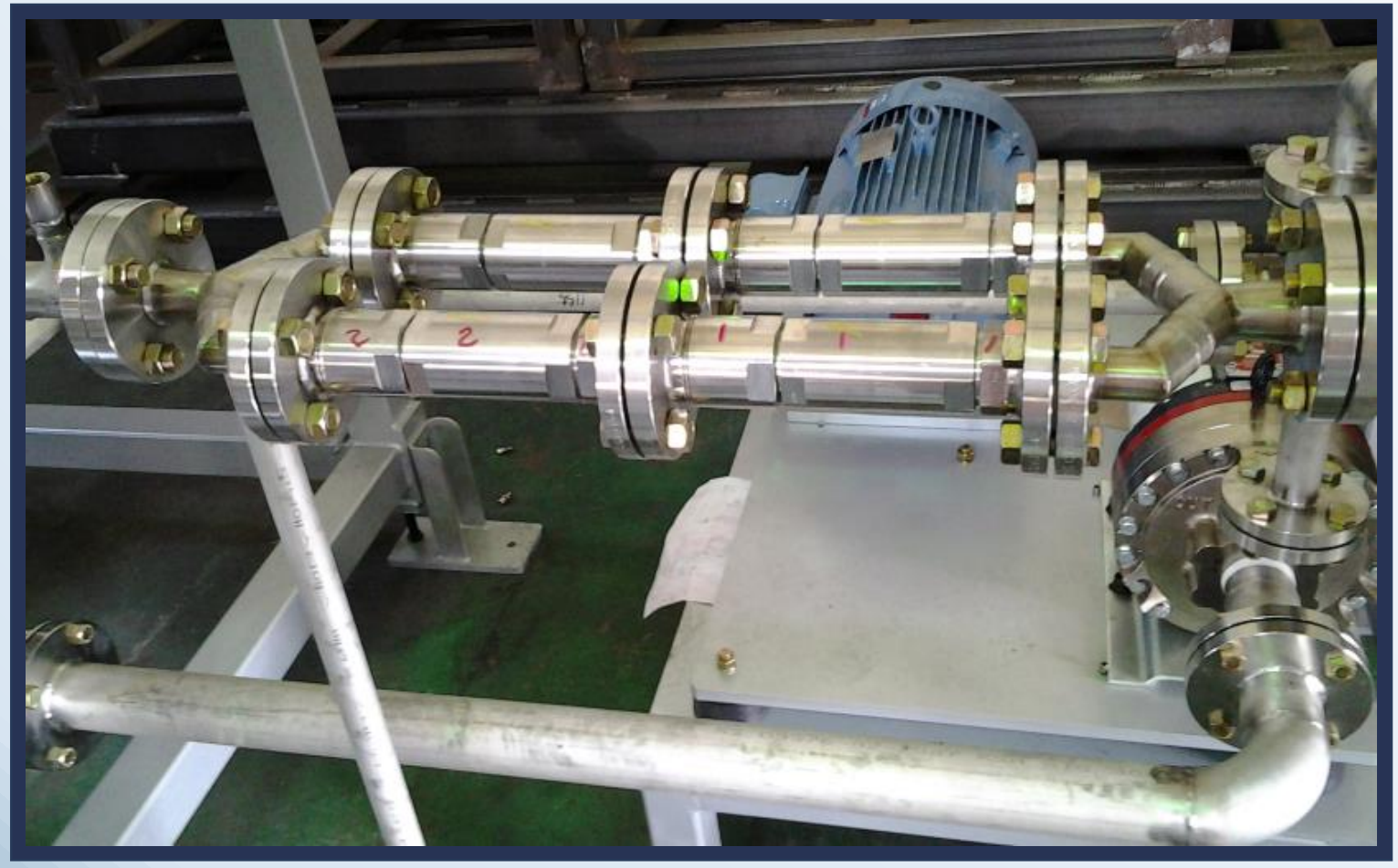


- ✓ 6 to 8 times faster processing time
  - ✓ Higher volume,
  - ✓ Higher margins
- ✓ 4 products from one Capex investment
- ✓ Higher grade product output
- ✓ Lower cost manufacturing – increased market opportunity in PL-60
- ✓ No waste products, environmentally friendly
- ✓ Small “Market Universe” – low sales/marketing costs

Hydrodynamic Cavitation Technology



Hydrodynamic Cavitation Technology



Details - CO_2-Cavitation Fluid Extraction

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SFE Extraction

versus

CO_2-Cav Extraction

high equipment and process cost

high pressure and temperature (@350 bar, @50 °C)

high requirement for raw material (dried egg yolk powder)

low process volume

slow process time: ~ 6 hours

high dosage solvent (denatures product)

low equipment and process cost

low pressure and temperature (@80 bar, @32 °C)

low requirement for raw material (liquid egg yolk)

high process volume

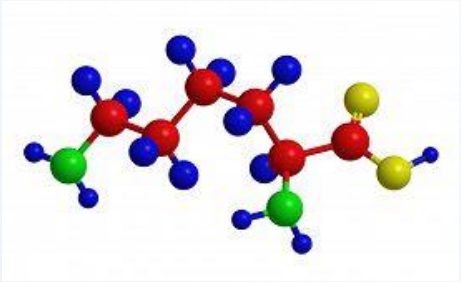
fast process time: ~ 1 hour

low dosage solvent

Nutraceutical Products

Phospholipids

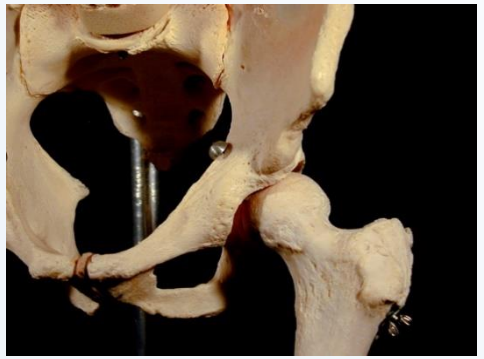
- ✓ key element of cell membranes and lipoproteins
- ✓ dietary supplement
    - source of lecithin (phosphatidylcholine = brain food)
- ✓ additive to infant formula, contained arachidonic acid
- ✓ food additive for short-term memory retention, delaying dementia
- ✓ cosmetic application for high quality creams, serums and lotions
- ✓ pharmaceutical applications
    - drug delivery systems,
    - topical, oral and parenteral drugs



Nutraceutical Products

Phosvitin (Phosvitin Phosphopeptide - PPP)

- ✓ natural anti-oxidant
- ✓ enhances bioavailability of Calcium and Iron
- ✓ additive for anti-osteoporosis products
- ✓ maintain good memory function and neuroplasticity
- ✓ potentially pharmaceutical use for dementia delay
- ✓ no egg phosvitin producers in North America or the EU



Egg Oil Products

Egg Oil (Lysolecithin)

- ✓ food additive as emulsifier: chocolate, ice cream, mayonnaise
- ✓ cosmetic applications: skin and hair care
- ✓ many Chinese traditional medicinal uses for egg oil
  - • burns, eczema, dermatitis, chapped skin, mouth & skin ulcers
  - • ringworm, nasal vestibulitis, frostbite, and hemorrhoids
- ✓ emerging new market as an organic fungicide

Egg Oil- Future Value Added Product

New market: Organic Fungicide

Egg Oil

+

Canola Oil = Organic Fungicide

+

Water

- A new study done by Korean government found water spraying a mixture of emulsified egg yolk and vegetable oil was an effective organic pesticide-fungicide.
- Egg oil containing lysolecithin is even more effective as a fungicide and our cavitation technology can emulsify the oil and water more effectively.
- The egg oil fungicide not only improves production yield, but actually provides nutritional benefits to the crops.

Global Economics

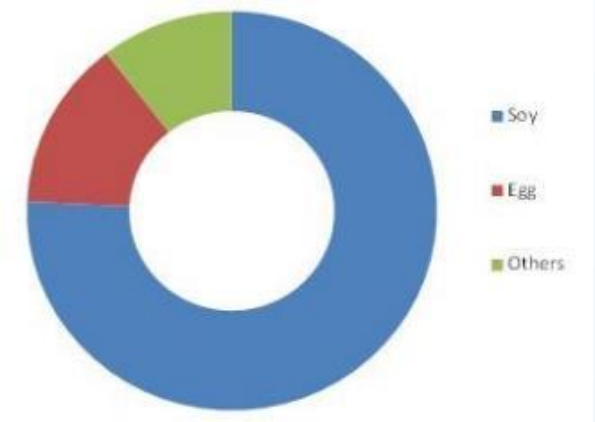
Global Phospholipid Market:

- Total Lecithin / Phospholipids Market

  = Over 100,000 tons = 12.1 B $

- Egg Phospholipids Market

  = 14,000 ton = 1.7 B $



http://www.prnewswire.com/news-releases/global-lecithin--phospholipids-market-by-source-soy-sunflower-egg-by-application-food-nutrition--supplements-cosmetics-feed-pharmaceuticals---forecasts-to-2019-260143661.html

- Egg phospholipids are higher quality.
  Low cost production = ability to take Soy market share
- Market “universe” is small and easy to enter using agents
- Low marketing cost
- Our full production capacity at this location represents less than 2% of the world egg PL market
- NA, EU, Asian markets are growing

http://www.marketsandmarkets.com/Market-Reports/lecithin-phospholipids-market-259514839.htm

Executive Summary - Customer References

Ohnam Trading company

RM. 408, Dongil Highvill Office, 1542-1,
Seocho-Dong, Seocho-Gu, Seoul, Korea
TEL: (02) 521-4611-3 FAX: (02) 521-4614
e-mail: Sales@ohnamtrading.co.kr

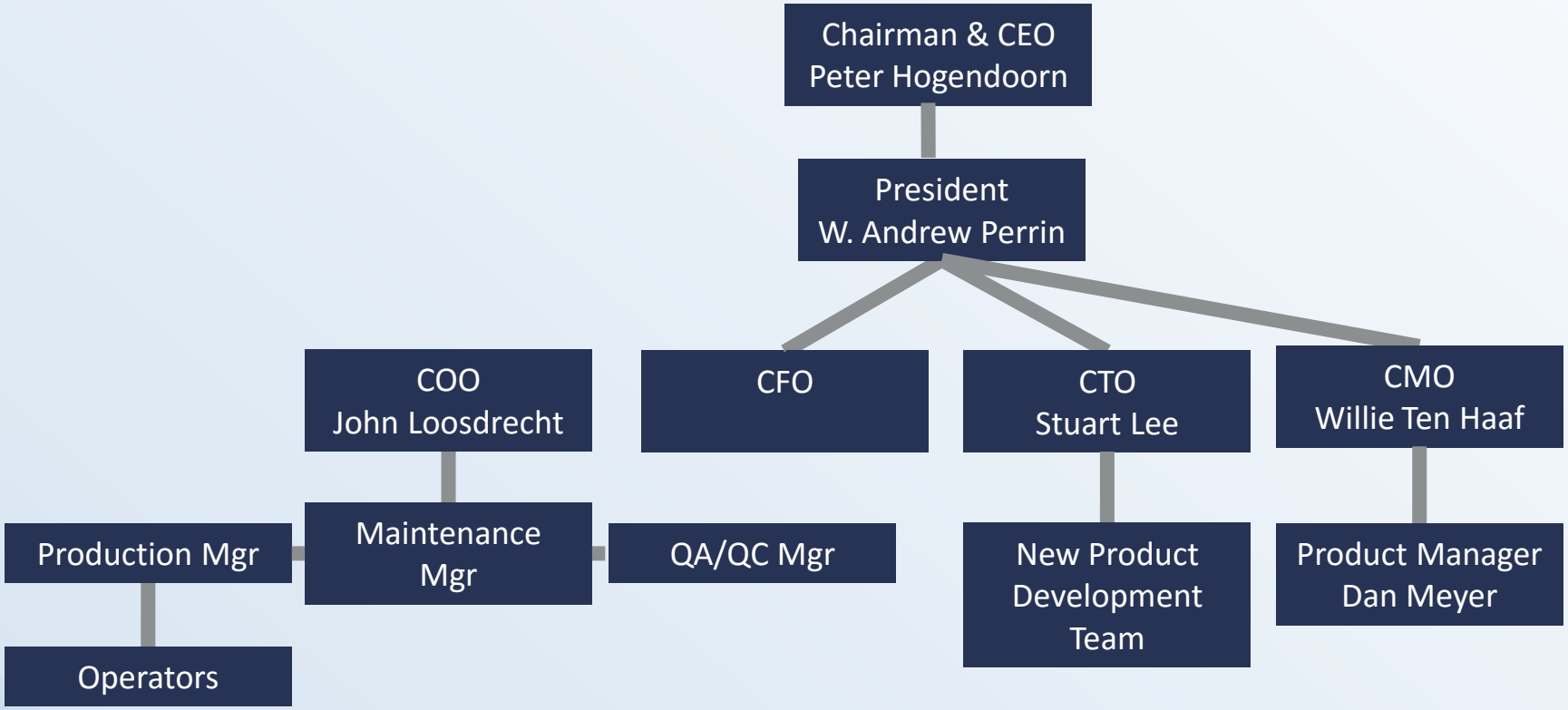
June 11, 2015

Best regards
Wonho Oh / President

OH NAM TRADING COMPANY

H. G. OH

Organizational Structure



Board of Directors

Dr. Stewart Ritchie Ph.D., M.S., D.V.M., Diplomate – Board Advisor

Dr. Ritchie is the President of Canadian Poultry Consultants and S.J. Ritchie Research Farms. He developed and has been participating in the Platinum Brooding® program since inception. The Platinum Brooding® program is an educational session used by poultry producers to promote poultry health and is now part of the curriculum at the University of Georgia, Master of Avian Medicine program and the Aviagen International Broiler Production School in Alabama. The Platinum Brooding® program is now part of the New Producer Entrant program of the British Columbia Broiler Chicken Marketing Board. He has now completed his term as President of the American Association of Avian Pathologists (AAAP). Stew was the founder of the Western Meeting of Poultry Clinicians and Pathologists in 1990 and is a member and has participated in numerous poultry production and scientific sessions throughout the globe.

Stewart's degrees include: : B.Sc.(Agr) - UBC, M.S. - U of Arkansas, D.V.M. - U of Saskatchewan, and Diplomate American College of Poultry Veterinarians. Over the course of his extensive and renowned research career, Stew has developed numerous technological advances which have been commercialized by some of the world's largest Vitamin and Pharmaceutical Manufacturing companies. He is also a featured keynote speaker and presenter at research seminars and forums across the globe.

Pieter Vanderpol –Board Advisor

Mr. Vanderpol is the founder of Vanderpol's Eggs, a family owned and operated egg processor dedicated to the development and delivery of innovative, functional egg solutions to their valued customers and industry partners for over 50 years. Vanderpol's is an industry leader in value-added products and processes having created over 31 distinct product offerings ranging from Industrial, Commercial, Sauces and Prepared Foods. The Vanderpol group operates across Canada and includes Dairy and Fruit product divisions. Specialties include: bakery ingredients, dairy ingredients, Eggs, fruit based ingredients, Industrial Ingredients, Foodservice Sauces, Foodservice, Private Label, contract manufacturing.
Vanderpol's has been a pioneer in numerous new technological advances that have become industry standards across North America, including enhanced shelf-life processes, egg-white enzyme and whey protein extraction.

Management Team

Peter Hogendoorn – CEO & Chairman

Over the past 20 years, Mr. Hogendoorn has been involved in Corporate Finance and Venture Capital as an Independent Consultant, specializing in Technology and Mining and has participated in successfully financing over 25 companies during this period. From 2009 to 2015 Peter was President of Scepter Media and its wholly owned subsidiary, Odyssey Media Inc, which recently raised $20 million in new investor funding. This provided Odyssey with the resources to film around the world with A-list casts and top producers for the next 15 films that are slated for production. Peter's involvement with LML Payment Systems Inc, an electronic payment processing company, lead to $26 million in investor funding to further propel the company into the $20 billion dollar market of global online transactions. LML was recently sold to Digital River, Inc of Minneapolis. Mr. Hogendoorn is also a founder of Carbon One Inc. and First Power Inc., companies involved with waste plastic conversion to carbon commodities, composite materials manufacturing for the RV and Transportation industry, 4D Wind Turbines and Asynchronous AC Power conditioning.

W. Andrew (Drew) Perrin BASc. Eng., BEd – President & Director

A proven business leader, Drew has dedicated his career to improving the use of energy in our world. He brings more than 25 years of experience in the energy field, including energy in buildings, energy management, and energy product conceptualization, design, and commercialization. His skills managing commercialization efforts, building control processes, budgets, and financial reporting to stakeholders are invaluable. At CopperTree Analytics, Drew grew the team from 4 to 27 while designing, developing, and commercializing an industry leading building energy analytics software. At Delta Controls he brought multiple products to market while developing the OEM business. During this time, Drew worked with numerous multi-national corporations including GE, York, and Uponor. Drew holds a Bachelor's of Applied Science in Mechanical Engineering from the University of Waterloo, Ontario, Canada and the Bachelor's of Education from the University of Western Ontario.

Management Team

Patrick J. Elliott, M.Sc., MBA **– VP Business Development**

Mr. Elliott is an accomplished geologist who has completed a Master of Science Degree in Mineral Economics and a Master's Degree in Business Administration from the Curtin University of Technology in Perth, Australia. He is currently Vice President, Business Development at Veridyne Power Corporation; and President/CEO of Lexore Capital Corp., a private investment company. His previous professional position was as Consulting Geologist for Midas Gold Corporation working on the world class Golden Meadows Gold Project in Idaho, USA. Previous to this, he was Project Geologist at the Zafranal Porphyry Copper Project for AQM Copper Inc. in Arequipa, Peru. He graduated with a Bachelor of Science Degree in Geology from the University of Western Ontario in 2002. He has over 7 years experience in all facets of mineral exploration including positions as regional and project geologist Combined with his technical knowledge, Mr. Elliott also has a wealth of contacts in the financial sector, including clients in retail, institutional, corporate finance, research, private equity and venture capitalism. He also has extensive experience in project management, corporate promotion, investor relations and has helped raise over CDN$60 million for his representative resource companies through way of private placements.

Operations Team – Abbotsford

Willie Ten Haaf – Chief Marketing Officer

Mr. ten Haaf has an accomplished career of over 25 years in the nutra-pharmaceutical and food sectors. He began in sales and marketing of extended-life liquid egg products with Vanderpols Eggs along with heading various formulating and R&D projects. He then brought his experience in international sales and marketing to Inovatech Canada Inc., where he sold long shelf-life egg products, whey protein concentrates, and isolates. Mr. ten Haaf's abilities as a strategic thinker and visionary led to a patent in flax protein extraction with Nutrex Wellness Inc., before focusing his efforts as president of a co-founded technology company that extracted various skin products derived from the IgY-enhanced egg yolk: Isotech Research Inc. Isotech was sold to IRI in 2006. Mr. ten Haaf then took his knowledge in IgY to Immune Bio Tech Inc., which developed and manufactured vaccines for the production of chicken IgY eggs for various applications. Mr. ten Haaf has been working with Mr. Lee for several years in researching and developing the ground breaking technology now utilized by Ecovatec Solutions Inc.

Stuart Lee – Chief Technical Officer

Mr. Lee brings with him a breadth of technical experience and has been involved in many R&D and manufacturing projects of health food & pharmaceutical products in Canad a, USA, Korea, China, and Ukraine. A few such noteworthy projects include: extracting proteins and lipids for the nutra-pharmaceutical industry including quinine, grapefruit, flax seed, lumbricus rubellus peptide (Inovatech Canada); and human placenta extraction (Korea and Ukraine). Stuart has also been part of developing egg oil manufacturing processes (Korea & Canada, 1986) and played a key role in developing a patented process for egg yolk phospholipid extraction involving Supercritical Fluid CO2 Extraction (2010, Ukraine).

Stuart has also brought his technical knowledge in applied science through engineering technical processing components for biodiesel cleaning and transesterification (Korea & China) and for water and fuel emulsion (China, Korea, and Canada). On top of his technical experience in engineering and development, Mr. Lee has also made some successful international sales transactions: nutra-pharmaceutical ingredients in Japan, Korea, and China (lysozyme, colostrum, egg and flax lipids) and biodiesel manufacturing process equipment in China and Korea. has been involved in many R&D and manufacturing projects of health food & pharmaceutical products in USA, Korea, and Canada. He has also developed many different types of hydrodynamic cavitation modules with Jet-Cavitation and Super-Cavitation used for high pressure washer cleaning biodiesel transesterification process, water emulsion fuel in China, Korea and Canada. He now owns FSN Tech Co. in Langley, BC.

Operations Team – Abbotsford

John Loosdrect – Chief Operating Officer

Mr. Loosdrecht brings with him 35 years of experience in management, operations, and business marketing. Throughout his career John has been a self-starter and has benefited from a never-give-up attitude. His people skills and ability to keep the goal in view provide him the ability to interact with people and situations on various levels and promote focused cooperation. John has always maintained a strong belief that the right people with the right skills and attitude are a big part of the formula of success. Some of his past experiences have been in food processing and packaging, logistics (transportation and warehousing), Real Estate, hospitality & conferencing, construction & restoration, and energy management. In all of these endeavours John has shown an aptitude for strategic planning and problem solving that has resulted in efficiency, profitability, and customer satisfaction.

Dan Meyer M.Div. – Product Manager

Mr. Meyer completed his undergraduate studies in Management and Political Science at the University of Calgary. In the summers Daniel ran a painting business, where he employed and managed up to three crews. This spring boarded into a full-time business for several years. He went on to achieve higher academic success, earning a MDiv. from Regent College, Vancouver, and most of a ThM. at Calvin Theological Seminary, Grand Rapids. Daniel went to work as a Minister in the Christian Reformed Church. His passion for business led him back into that realm, where become a Licensed Realtor in British Columbia. Along the way and in between his studies, Mr. Meyer gained an extensive docket of work experience in logistics (East-West Express, Crown Packaging, and Green Valley Produce), home building and finishing trades, social services, and ministerial employment. He has developed invaluable communication skills in both writing and speaking, and gained proven leadership skills both as a manager in his painting business and as a Minister. Daniel is excited to bring his creative thinking, strong work ethic, and intellectual aptitude to his role as product manager with Ecovatec Solutions.

Dr. Alexey V. Ulesov
(Consultant)

EDUCATION:

Ph.D., pharmaceutical chemistry and pharmacognosy; Graduate School of the National Scientific Center of Medicinal Substances, Kharkov, Ukraine, 1994.
Thesis title: “Isolation of cardiovascular and liver-protection natural substances and development of new medical preparations on the basis of them”.
Senior Researcher Diploma, Pharmaceutical chemistry and Pharmacognosy, High Grade Attestation Commission, Kiev, Ukraine, 2003
M.S., Diploma, chemistry; Tomsk State University, Tomsk, Russia, 1983.
B.S., Diploma, Qualified Chemist; Tomsk State University, Tomsk, Russia, 1978-82.

RESEARCH EXPERIENCE:

2003 - Present -- Consultant -- Ltd. “Fusion Bio(FSN),”Canada
2012 – 2013 - Consultant -- Ltd. “Suzhou Happy Energy,”China
2014 - Consultant -- Ltd. “Semist,” Republic of Korea
Marketing research.
Development of new technological processes for chemical and biotechnological products (cavitation technologies, supercritical and subcritical CO2 extraction, etc.).
Production optimization (cycle, time, components, equipment).

2003 - 2015 – Associate Professor, Senior Research Scientist -- National Pharmaceutical University, Kharkov, Ukraine:
Specialist lecturer in quality assurance, Good Manufacturing Practices Guidelines, drug design, development and regulation for a wide range of courses in the undergraduate and postgraduate programs.

Monitoring of pre- and clinical investigative sites to ensure adherence to procedures, protocols, and project plans and ensuring that studies are conducted and documented in compliance with Health care Regulations, Good Clinical Practices Guidelines, and other requirements.
Development of technological processes that better comply with GMP guidelines.
Production optimization (cycle, time, components, equipment).

Dr. Alexey V. Ulesov
(Consultant)

1989 - 2003 – Senior Research Scientist -- National Scientific Center of Medicinal Substances, Kharkov, Ukraine:
Monitoring of pre- and clinical investigative sites to ensure adherence to procedures, protocols, and project plans and ensuring that studies are conducted and documented in compliance with Health care Regulations, Good Clinical Practices Guidelines, and other requirements.
Development of new medicines, standard substances (patent **, p.3).
Development of technological processes that better comply with GMP guidelines.
Production optimization (cycle, time, components, equipment).
Analysis of herbal medicine market demands and development of manufacturing programs.
1984 - 1989 -- Research Scientist -- National Scientific Center of Medicinal Substances, Kharkov, Ukraine
Extraction and identification of biological active substances. Analytical studies in the field of natural and synthetic substances.
1983-1984 - Engineer - All-Union Scientific Institute of Beer and Soft Drinks, Kharkov, Ukraine
1982-1983 -- Research Scientist – Tomsk State University, Investigational Laboratory, Tomsk, Russia Synthesizing new raw-elements compounds.

INDUSTRIAL EXPERIENCE:

Development of new technologies of manufacture
Tracking and controlling manufacturing process performance. Monitoring of batch production records, environmental and equipment quality, safety guidelines, and all related documents.
Implementation of the new biologically active products at the large Ukrainian Pharmaceutical Companies:
Calculation of heat transfer, amount of materials, mass and energy balances, and crystallization capabilities.
Preparing complete documentation for bulk pharmaceutical production based on GMP which includes the following sections:
-- product specifications -- main information about equipment -- description of technological processes -- safety arrangements and precautions.

RESEARCH PUBLICATIONS:

Total of 67 refereed publications, mainly in the field of isolation of natural substances, synthesis of biologically active substances, development of medicines: 10 patents; 12 abstracts in conference proceedings. In addition, 8 technical and consultancy reports.

Dr. Lev Lutfullovich Telyashov
(Consultant)

Deputy Director for scientific and technical development and head of the laboratory of advanced technologies Research and production center "Sigm aTechPro". The head of the Temporary creative collective (TCC) "Activation", full member (academician) of the Ukrainian Academy of Sciences (UAS), editorial Board member of the southern regional branch of the UAS.

Education, results of operations:
Higher education - postgraduate of the Institute of electrodynamics of the Ukrainian Academy of Science majoring in electrical physics, Nikolaev shipb uilding University named after Admiral S. O. Makarov, specialty electrical equipment of ships. 30 scientific papers, 84 of the patent for invention. Aut hor and co-author of books: Physics of pulse processes, 2005 year; Science - Ukraine on the threshold of the Millennium,
2000 year; Proceedings of the UAS, 2000 year. The winner of two medals – UAS winner (2006) and all-Union exhibition of achievements of national enterprises of the Union of Soviet Socialist Republics (USSR) in 1970 year for his achievements in the scientific and technical creativity.

Main employment:
Development of ozonizers for different purposes and ultrasonic cavitation machines. Participation in the development of technologies Electrohydrauli c disintegration of beneficiation of poor gold-bearing ores and waste their enrichment (tails).

Since 2012 - Collaboration in the development of the technology of continuous processing of waste (solid waste, of rubber, for example old tires, plastics, organic agricultural waste, etc.) to liquid motor fuel and/or combustible gas, electrical energy, solid fuel.

2010-2012 – head of the TCC "Activation". The creation of the generator of hydrodynamic cavitation for cleaning different surfaces (hulls from fouling, concrete, metal from rust and old paint, etc.), activation of physical and chemical processes by cavitation of catalysis and depolymerization compounds.

Dr. Lev Lutfullovich Telyashov
(Consultant)

1989 - 2003 – Senior Research Scientist -- National Scientific Center of Medicinal Substances, Kharkov, Ukraine:
Monitoring of pre- and clinical investigative sites to ensure adherence to procedures, protocols, and project plans and ensuring that studies are conducted and documented in compliance with Health care Regulations, Good Clinical Practices Guidelines, and other requirements.
Development of new medicines, standard substances (patent **, p.3).
Development of technological processes that better comply with GMP guidelines.
Production optimization (cycle, time, components, equipment).
Analysis of herbal medicine market demands and development of manufacturing programs.
1984 - 1989 -- Research Scientist -- National Scientific Center of Medicinal Substances, Kharkov, Ukraine
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Analytical studies in the field of natural and synthetic substances.
1983-1984 - Engineer - All-Union Scientific Institute of Beer and Soft Drinks, Kharkov, Ukraine
1982-1983 -- Research Scientist – Tomsk State University, Investigational Laboratory, Tomsk, Russia
Synthesizing new raw-elements compounds.

INDUSTRIAL EXPERIENCE:
Development of new technologies of manufacture
Tracking and controlling manufacturing process performance. Monitoring of batch production records, environmental and equipment quality, safety guidelines, and all related documents.
Implementation of the new biologically active products at the large Ukrainian Pharmaceutical Companies:
Calculation of heat transfer, amount of materials, mass and energy balances, and crystallization capabilities.
Preparing complete documentation for bulk pharmaceutical production based on GMP which includes the following sections:
-- product specifications -- main information about equipment -- description of technological processes -- safety arrangements and precautions.

RESEARCH PUBLICATIONS:
Total of 67 refereed publications, mainly in the field of isolation of natural substances, synthesis of biologically active substances, development of medicines: 10 patents; 12 abstracts in conference proceedings. In addition, 8 technical and consultancy reports.

Forward Looking Statements (1)

Statements contained in this presentation that are not historical facts are “forward-looking information” or “forward-looking statements” (collectively, “Forward-Looking Information”) within the meaning of applicable Canadian securities legislation and the United States Private Securities Litigation Reform Act of 1995. Forward Looking Information includes, but is not limited to, statements relating to the timing, availability and amount of financings; expected use of proceeds; business objectives; the timing and costs of future activities on the Corporation‘s properties; success of exploration activities; planned expenditures and budgets and the execution thereof; evaluation of the potential impact of future accounting changes; estimates concerning recovery of accounts receivable, stock-based compensation and carrying value of properties. In certain cases, Forward-Looking Information can be identified by the use of words and phrases such as “plans”, “expects” or “does not expect”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates” or “does not anticipate”, or “believes”, or variations of such words and phrases or statements that certain actions, events or results “may”, “could”, “would”, “might” or “will be taken”, “occur” or “be achieved”. The Corporation has applied several material assumptions, including, but not limited to, the assumption that the Offering will be completed and that any additional financing needed will be available on reasonable terms; the exchange rates for the U.S. and Canadian currencies in 2015 and 2016 will be consistent with the Corporation‘s expectations. Other assumptions are discussed throughout this presentation and Forward-Looking Information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Corporation to be materially different from any future results, performance or achievements expressed or implied by the Forward-Looking Information. (continued)

Forward Looking Statements (2)

Such risks and other factors include, among others, risks related to the completion of financings and the use of proceeds; operations and contractual obligations; changes in exploration programs based upon results of exploration; changes in estimated mineral reserves or mineral resources, future prices of metals; availability of third party contractors; availability of equipment; failure of equipment to operate as anticipated; accidents, effects of weather and other natural phenomena and other risks associated with the technology and alternative energy industries; environmental risks, including environmental matters under U.S. federal rules and regulations; impact of environmental remediation requirements and the terms of existing and potential consent decrees on the financing; fluctuations in currency prices; the Corporation‘s dependence on fuel sources; currency fluctuations; changes in environmental laws and regulations and changes in the application of standards pursuant to existing laws and regulations which may increase costs of doing business and restrict operations; risks related to dependence on key personnel; and estimates used in financial statements proving to be incorrect. Although the Corporation has attempted to identify important factors that could affect the Corporation and may cause actual actions, events or results to differ materially from those described in Forward-Looking Information, there may be other factors that cause actions, events or results not to be as anticipated, estimated or intended. There can be no assurance that Forward-Looking Information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on Forward-Looking Information. Except as required by law, the Corporation does not assume any obligation to release publicly any revisions to Forward-Looking Information contained in this presentation to reflect events or circumstances after the dates thereof or to reflect the occurrence of unanticipated events.