Pond Technologies

TSX.V: POND OTCQB: PNDHF

Corporate Presentation

February 2022

"We Derive Value From Emissions"

ADVISORY

This presentation contains forward-looking statements and information (collectively referred to as "forward-looking information") within the meaning of applicable securities laws about Pond's projections, targets and estimates based on certain assumptions disclosed in this advisory and in our publicly available documents available on SEDAR (sedar.com). Although Pond believes that the expectations represented by such forward-looking information are reasonable, there can be no assurance that such expectations will prove to be correct. Readers are cautioned not to place undue reliance on forward-looking information as actual results may differ materially from those expressed or implied. Pond undertakes no obligation to update or revise any forward-looking information except as required by law.

Forward-looking information in this presentation is identified by words such as "intended", "potentially", "anticipated", "planned" and "target" and includes: statements about the design, plans, timing, revenue and output capacity of Pond's plants; the harvest rate, land, capex and production using Pond's algae harvesting system.

Developing forward-looking information involves reliance on certain key expectations and assumptions made by Pond and consideration of certain risks and uncertainties, some of which are specific to Pond and others that apply to the industry generally. The assumptions on which the forward-looking information in this presentation is based include: the receipt of anticipated funding; the receipt of regulatory and partner approvals; the ability of Pond to raise capital; the ability of Pond to achieve commercial scaling; the increased demand for its products and the completion of plants as designed, scheduled and budgeted. Specifically, the underlying assumptions for output capacity for Pond projects as disclosed herein, and continuous commercial algae growth operations for 330 days/year.

Additional information about risks, assumptions and uncertainties and other factors that could cause Pond's actual results to differ materially from those expressed or implied herein is contained under the "Risk Factors" section of Pond's MD&A for the period ended September 30, 2021, available on Pond's website and on SEDAR (sedar.com).

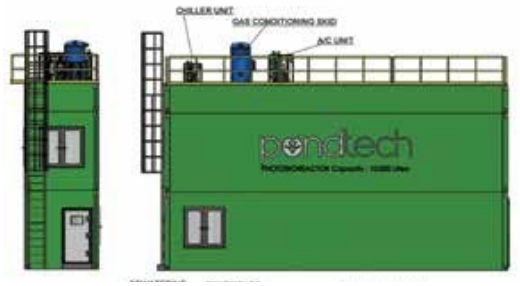
TABLE OF CONTENTS

COMPANY OVERVIEW & TECHNOLOGY

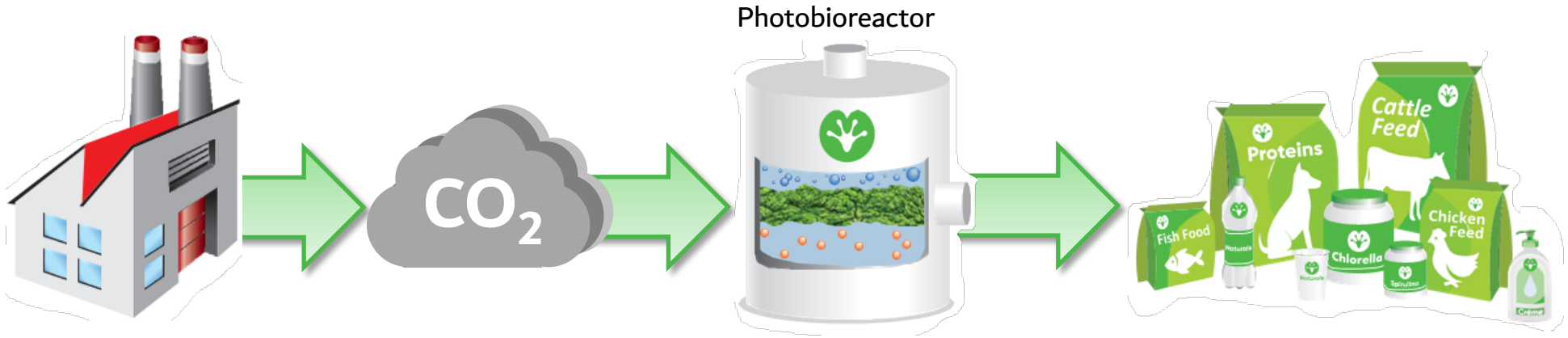
POND: OVERVIEW

Pond Technologies (TSX.V: POND, OTCQB: PNDHF) is a Canadian technology company that has developed an innovative on-site method of capturing and transforming harmful CO_2 emissions into a saleable asset in the form of protein-rich algae.

Pond's proprietary platform harnesses raw, unfiltered stack gas to fuel the growth of various strains of algae under tightly monitored conditions, year-round and completely autonomously. Two tonnes of CO2 are consumed to produce one tonne of algae.



Pond Photobioreactor



The use of clean algae as a protein-rich ingredient has surged in the last 5 years, most notably by manufacturers in the pharmaceutical, agricultural, and biotech industries.

One of Pond's pilot proprietary photobioreactors can be installed on-site, requiring fewer than 2,000 square feet of space to operate, and can absorb 6 - 10 tonnes of CO_2 per year producing 3 - 6 tonnes of clean algae biomass. This represents a demo facility.

CONTROLLED GROWTH OUTPERFORMS

Current Competitors' Outdoor Methods:

- Algae grows in top few inches only
- Large area required
- Large cooling and water requirements
- Climate dependent
- Contamination vulnerable
- Daylight hours only

Pond's Growth Platform:

- Controls total growth environment including light, gases and temperature in enclosed photo-bioreactors
- Increased yield
- Less contamination
- Operates 24/7 year-round
- A fraction of land required
- Uses less water than outdoor farms

MARKET OPPORTUNITY

FOOD, BEVERAGE & NUTRACEUTICALS

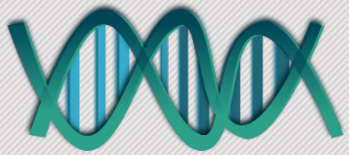
Target Market: >$10 billion
CAGR: 10% – 20%
Price per tonne: $10,000 - $450,000

FISH & ANIMAL FEEDS

Target Market: >$20 billion
CAGR: 10%
Price per tonne: $1,500 - $3,000

BIOTECH

Target Market: >$600 billion
CAGR: 12%
Price per Kilogram: >$10,000,000



BIO-REMEDIATION

Target Market: >$100 billion
CAGR: 9%

The market for algae is a multibillion-dollar industry, and our patented technology can capture various market segments. Pond's proprietary technology is protected by an extensive IP portfolio including 26 active patents in the key markets like the United States, Europe, Taiwan, China, and the Middle East.

26

Total Active Patents

10 US patents in process, with over 3x more patents filed internationally

Algae Platform Protection

Modulation patents protect flow of stack gas – crucial for industrial algae growth

Patents Pending

48 International Patents in process globally, also protect IP portfolio in Canada, Australia, India

NOTABLE RELATIONSHIPS & PARTNERSHIPS

Company Profile
UK-based global manufacturer and distributor of premium animal feed products. Wholly owned company of industry giant Associated British Foods PLC.

Relationship
Partner

Company Profile
The National Research Council Canada is the primary national research and technology organization of the Government of Canada, in science and technology research and development.

Relationship
Advisory

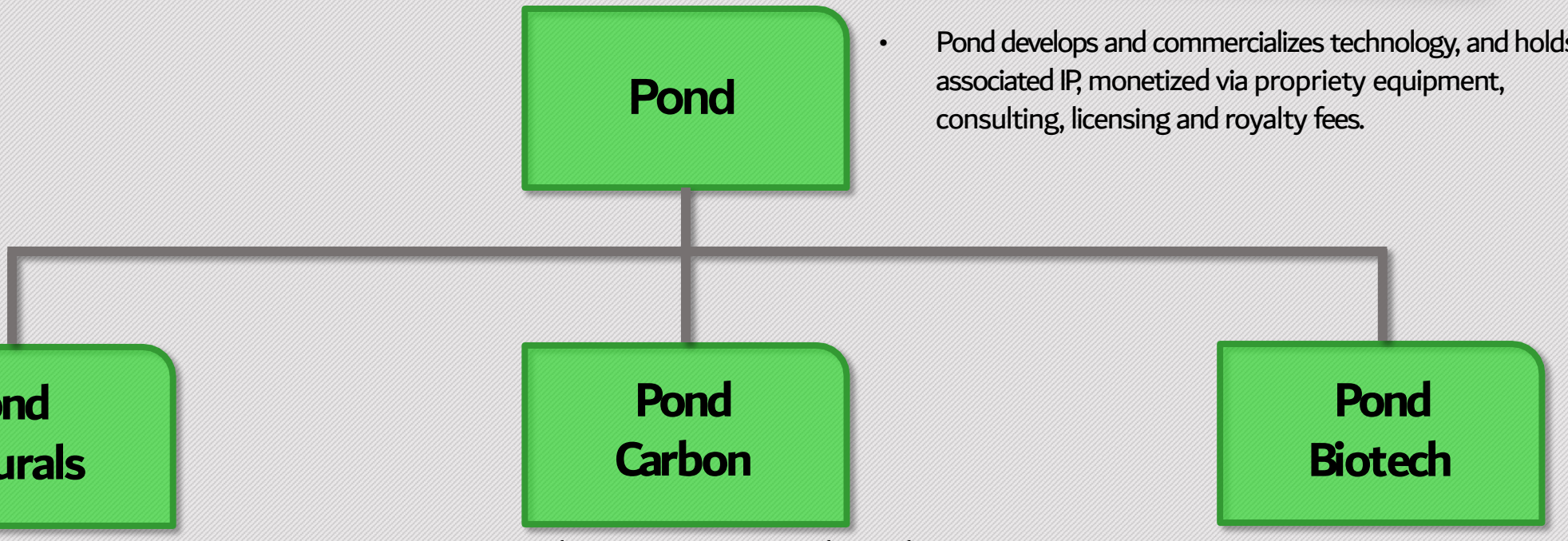
Company Profile
Major producer of cementitious materials based in Ontario, Canada with six manufacturing facilities with a combined production capacity over five million metric tonnes, annually.

Relationship
Investor

Company Profile
Headquartered in Ireland, with offices in the UK, Bulgaria and Canada, Malone Group works with leading brands internationally to manage and deliver high value, business critical projects.

Relationship
Partner

COMPANY DIVISIONS



- Pond develops and commercializes technology, and holds associated IP, monetized via propriety equipment, consulting, licensing and royalty fees.

- Manufacturers, distributes, and sells ingredients to clients in the food, beverage and nutraceuticals industries
- Provides a vertically integrated platform for sale of sustainable end product

- Commercial engineering projects that reduce carbon by growing algae with stack gas, utilizing Pond's innovative on-site Modular Photobioreactors.
- Revenue lines include technology access fees, royalties from licensing technology, consulting services, and sale of proprietary equipment.

- The combination of higher productivity and simpler growing conditions of algae-based production results in an unprecedented cost advantage in the production of complex proteins to be applied to various human and animal therapeutic and diagnostic uses.

COMPANY DIVISIONS

STRATEGIC GOAL:

To make Pond Technologies the global leading solution for commercial scale deployment of algae photobioreactors to produce algae proteins for the food, feed and biofertilizer market.

BUSINESS FOCUS:

- Supporting the deployment of algae systems on customers' sites, including proprietary bioreactors and supporting systems
- Provide service and support to ensure ongoing royalties
- Development of specific market opportunities for algae-based products

STRATEGIC GOAL:

To make Pond Biotech the leading biological solution for the low-cost manufacture of diagnostics, vaccines, and therapeutics through algal production systems.

BUSINESS FOCUS:

The initial business focus is on the development and growth of genetically modified algae strains that can express valuable proteins for use in diagnostic and therapeutic applications. The division was created to become a CMO for bio-tech and pharmaceutical companies looking to grow specific proteins at scale.

STRATEGIC GOAL:

To make Pond Naturals the premier solution for domestic production and distribution of a variety of highest quality bulk and consumer natural products.

BUSINESS FOCUS:

- White label and Regenurex branded consumer products
- Increasing number of algae extracted products
- Domestic source to reduce supply chain risk for buyers and certainty of quality

POND CARBON

POND CARBON: OVERVIEW

Pond Carbon develops carbon capture projects, providing operational resources from initial consulting to project completion.

- Lab/engineering resources to develop commercial processes for CO_2 abatement.
- Develops algae bioreactor technology for licensing and royalty revenue, in both R&D demonstration systems and full commercial systems.
- Custom build and implement each carbon-reducing project to customers' needs, transforming carbon into a valuable product.
- Commercializes specific algae-based carbon capture products.

POND CARBON: ACTIVE PROJECTS AND PIPELINE

Human and Animal Feed Vertical:

- Major global human and animal feed producer and distributor (Example: AB AGRI, division of Associated British Foods).
- Seeking to commercialize premium algae-based animal and aquaculture feed additives.
- Engineering, equipment purchase, upfront license and ongoing royalty.

Natural Resource Vertical:

- Major global oil and gas company (Example: Canadian Fortune 500 Oil and Gas Company).
- Genetic engineering (Pond Biotech), engineering, equipment purchase, upfront license and ongoing royalty.
- Active discussions with companies across a myriad of natural resource verticals.
- Seeking carbon abatement and bio-remediation.

Precision Agriculture Vertical:

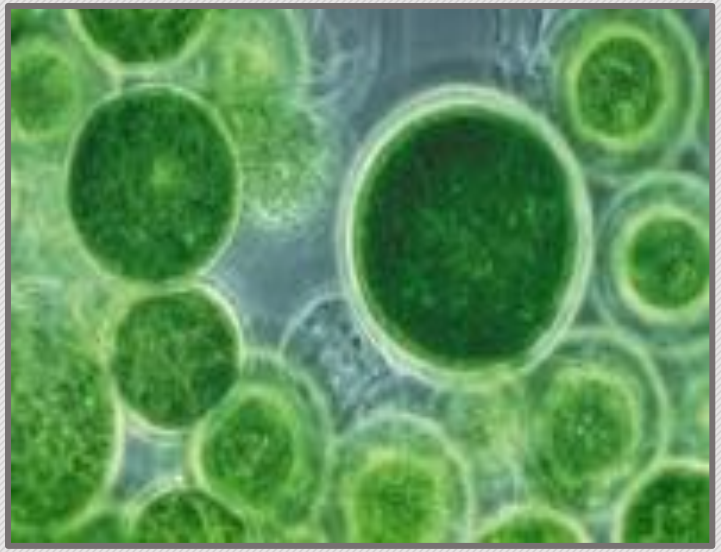
- Specialty agriculture companies (Active Discussions).
- Focused on methane reduction and customization of algae centered around animal health (improving growth rates).
- Seeking to diversify into algae-based food ingredient and nutraceuticals.
- Engineering, equipment purchase, upfront license and ongoing royalty.

POND BIOTECH

POND BIOTECH: OVERVIEW

Pond Biotech represents an immediate and long-term value creation opportunity by using Pond Tech's algae-based system to develop and manufacture valuable algae strains for use in human and animal therapeutic solutions.

- Successfully grew genetically modified algae that express COVID-19 Antigens for diagnostic use under contract to major Canadian industrial company.
- Developing other recombinant proteins expressed in algae.
- Developing internal genetic engineering capability to better serve Pond and outside customers.
- Algae are a cost-effective solution to grow many recombinant proteins compared to mammalian cell lines.



POND BIOTECH: BIO-PHARMA SOLUTIONS

pondbiotech

Problem for Bio-Pharma: Grow Quality Proteins at scale for Diagnostics and Therapeutics

- Current production of complex proteins in mammalian cell lines is difficult and low productivity.
- Difficult to scale with consistent quality.
- Requires complex bioreactors and control systems to manage the culture environment.
- The current system for cultivating these proteins is expensive compared to Algae.

Pond's Solution for Bio-Pharma: Genetically Modified Algae Strains

- ✓ Controlled growth environment for genetically modified algae that can express proteins for diagnostics and therapeutics.
- ✓ Consistent quality due to contained growth system.
- ✓ Proven scalability.
- ✓ Proper protein folding.
- ✓ Less expensive.

POND BIOTECH: MARKET OPPORTUNITIES

Immediate Opportunity

Diagnostic reagents

- Cost advantage in reagents
- No requirement to develop testing platform(s)

Future Opportunities

Human therapeutics

- Provides “proof of concept” to manufacturing opportunity
- Potential to develop therapeutics (novel and biosimilar)

Contract manufacturing

- Provide manufacturing capabilities to pharmaceutical companies looking for cost improvements

POND NATURALS

POND NATURALS: OVERVIEW

Pond Naturals is a manufacturing operation that develops algae-based products to sell to clients in the food, beverage and nutraceutical industries.

- Pond Naturals manufactures and distributes a variety of natural products.
- Pond's British Columbia facility grows and sells astaxanthin under its own brand "**Regenurex**" as well through white label orders with CPG clients.
  - The proprietary wet extraction process gently extracts astaxanthin oleoresin without the use of dehydration or harsh chemicals.
- Pond is developing additional algal products such as phycocyanin
  - Phycocyanin is the only FDA approved natural blue food coloring.
  - Pond is currently pursuing increased production capacity to allow for increased production of astaxanthin, spirulina, phycocyanin, and other algae-based products

Existing commercial production and extraction of astaxanthin at Pond's British Columbia facility

COMPANY OWNERSHIP & FINANCIALS

EQUITY TABLE

Company insiders own approximately 21% of the shares outstanding, on a fully diluted basis

	Shares (millions)
Common Shares Issued (as of 11/29/21)	47,664,691
Reserved for Regenurex Acquisition	3,639,331
Common Shares Issued and Reserved	51,304,022
DSU	527,973
Warrants	
$0.45 / share Exp. March 2023	10,000,000
$0.25 / share Exp. June 2022	664,750
$1.00 / share Exp. December 2021	2,742,504
$0.60 / share Exp. August 2023	1,666,667
Employee Stock Options	4,565,000
Convertible Note, $0.39/ share Matures November 2024	5,098,718
Broker Warrants	
$0.25/ share Exp. June 2022	
$0.55/ share Exp. March 2023	437,696
Fully Diluted	77,007,330

FINANCIALS

Historical Q3 YTD Performance

Q3 2021

- Q3 Revenue Increased by 70% - Group revenue for Q3 2021 totaled $2,163,000 (Q3 2020: $1,275,000), an increase of $888,000 (70%).
- Q3 2021 margin (revenue less direct costs and expenses) was $903,000 (42%) vs. $175,000 (13%) in Q3 2020.
- The Q3 2021 operating loss of $557,000 was lower than Q2 $733,000 and Q1 $1,003,000.

Q3 YTD 2021

- For the nine months ended September 30, 2021, revenue increased by 30% $4,364,000 (2020: $3,367,000).
- For the nine months ended September 30, 2021, a margin of $1,335,000 (30%) vs. $648,000 (19%) was achieved.

INDUSTRY COMPARABLES

Questor Technology (QST.V)	**Market Cap:** $52M

Questor Technology Inc., an environmental clean technology company, designs, manufactures, and services waste gas combustion systems in Canada and the United States.

Fuel Tech (FTEK.Q)	**Market Cap:** $62M

Company operates through two segments, Air Pollution Control Technology and FUEL CHEM Technology. The Air Pollution Control Technology segment offers technologies to reduce nitrogen oxide (NOx) emissions in flue gas from boilers, incinerators, furnaces, and other stationary combustion sources by low and ultra-low NOx burners; over-fire air systems.

Pacific Green Technologies (OTCQB:PGTK)	**Market Cap:** $75M

acquires, develops, and markets emission control technologies in North America, Europe, and Asia. The company offers ENVI-Clean, a system that removes sulphur dioxides, particulate matters, greenhouse gases,

LiqTech International (LIQT.Q)	**Market Cap:** $123M

Clean technology company that designs, develops, produces, markets, and sells automated filtering systems, and ceramic silicon carbide liquid applications and diesel particulate air filters

Advanced Emissions Solutions (ADES.Q)	**Market Cap:** $146M

The company's products are used in removal of heavy metal pollutants; treatment of drinking and waste waters; industrial acid gas and odor removal; automotive gasoline emission control; soil and ground water remediation; and food and beverage process and product purifications.

Greenlane Renewables (GRN.TO)	**Market Cap:** $228M

The company's systems remove impurities and separate carbon dioxide from biomethane in the raw biogas created from anaerobic decomposition of organic waste at landfills, wastewater treatment plants, and farms and for injection food waste facilities into the natural gas grid or for direct use as vehicle fuel.

Bion Enviromental (OTCMKTS: BNET)	**Market Cap:** $56M

The company's technology remediates environmental problems and improve operational/resource efficiencies through recovering co-products from the CAFOs' waste stream, including renewable energy and water, and nutrients comprising ammonia nitrogen and phosphorus.

Midwest Energy Emissions (OTCMKTS: MEEC)	**Market Cap:** $79M

Operates as an environmental services and technology company. It focuses on the delivery of mercury capture technologies to coal-fired power plants

LEADERSHIP

MANAGEMENT TEAM

Grant Smith, *Chief Executive Officer*

Executive with 25+ years experience in the global health supplements and ingredients space. Co-Founder & partner at RFI Ingredients, a large manufacturer for ingredients to well-known consumer brands across North America. Prior to this, Grant served in a leadership role at various major consumer packaged goods companies in North America.

Thomas Masney, *Chief Financial Officer*

Worked with Goldman Sachs & GE in venture capital, mergers & acquisitions, and for both Ernst & Young and Price Waterhouse in audit and corporate recovery. Thomas brings with him a strong understanding of the mining, construction, manufacturing, technology, and e-commerce industries.

Peter Howard, *Vice President, Project Development*

Senior business development and cleantech executive. Climate change and sustainability consulting experience with PwC and Zerofootprint, developing multimillion-dollar business lines.

Senior policy advisor to Canadian governments on climate change policy.

Dan O'Connor, *Vice President, Business Development*

An entrepreneur in the control systems and biofuels industries, Dan has extensive understanding of what it takes to bring new and emerging industries to scale and commercialization. Dan has also been involved in the Cannabis area where he was involved as a consultant in business development and ultimately in negotiations involving the sale of the company to a larger industry player.

Emidio Di Petro, *Vice President, Engineering*

Comprehensive experience in high volume manufacturing environments, managing production, quality assurance and maintenance. Extensive engineering experience in areas of program management; from receipt of order to steady state production by managing the design, validation process, production launch, and in-house/customer production.

BOARD OF DIRECTORS

Robert McLeese, *Chairman*

Mr. McLeese, is the Founder and President of Access Capital Corp. "Access" is a Toronto based Financial Advisory firm specializing in the independent power industry for over 30 years. Rob currently serves on the Board of Export Development Canada and is the Chair of its Audit Committee. He is also Chair of Pond Technologies Inc., an Ontario technology company with a highly innovative CO_2 capture technology and algae growing expertise.

Grant Smith, *Director*

Executive with 20+ years experience in the global health supplements and ingredients space. Co-Founder & partner at RFI Canada, the distributor for ingredients to well- known consumer brands across North America.

Jacob Gamble, *Director*

Jacob Gamble has more than 20 years of combined global experience in management consulting, investment banking, growth initiatives, and corporate communications.

John M. Farah Jr., PhD, *Director*

John M. Farah Jr, PhD has over 30 years of experience in health care and the biopharmaceutical industry. He is currently a senior clinical consultant with Veradigm, an Allscripts business, leveraging real-world data and real-world evidence for insights into challenges and opportunities in care of patients with chronic health conditions.

J. William Asseltine, *Director*

J. William Asseltine has been employed at St. Mary's Cement for over forty years and has held various positions within the company, including Vice President of Logistics, Sustainability and Cement Sales in Canada. Mr. Asselstine graduated from the University of Toronto and is a Professional Engineer in the Province of Ontario.

CONTACT INFORMATION

Pond Technologies Holdings Inc. Head Office
250 Shields Court, Unit 8
Markham, Ontario
L3R 9W7
Tel. +1 (416) 287-3835

Cole Stevens
Corporate Development
c.stevens@pondtech.com

APPENDIX

OUR PRODUCT – DATA DRIVEN GROWTH

Data Collection

AI Driven Analysis

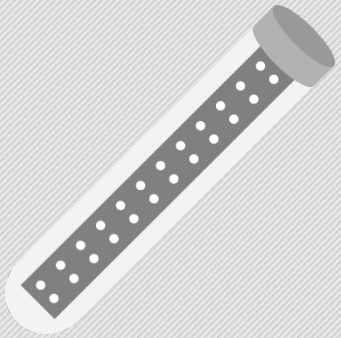
Light Control

Light Wavelength

Light/Dark Cycle

LED Temperature

LED Wattage



LED Light

Bioreactor

Culture Control

Sensor

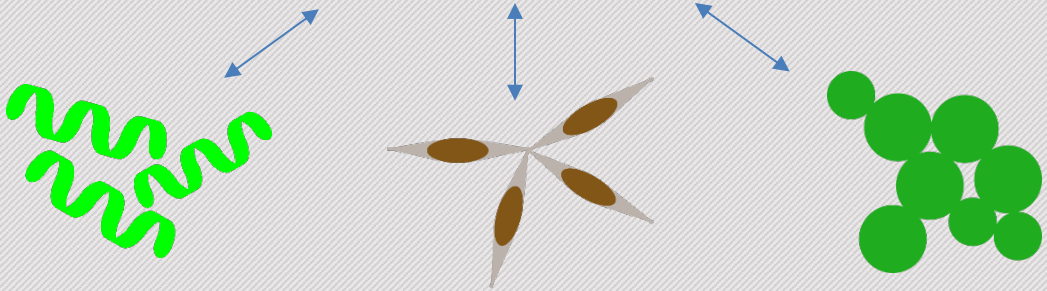
pH

Temperature

Density

CO2

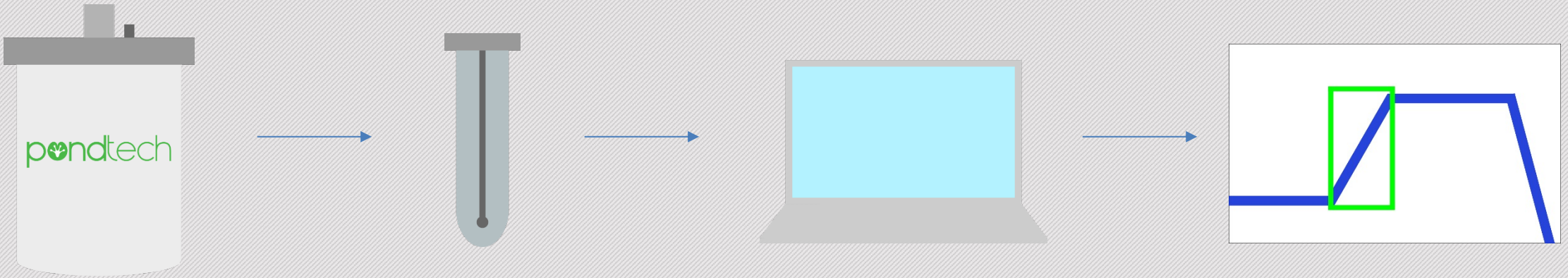
O2



Optimized Algae Growth

CONTINUOS HARVESTING

AI Controlled Automatic Harvest and Nutrient Replenishment



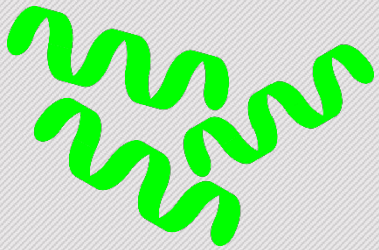
Bioreactor

Sensor

AI Driven Data Analysis

Determine Exponential Growth

Algae Harvest

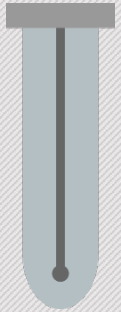


Maximum Biomass Extraction

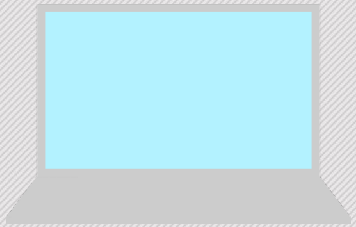
BUILDING LONG TERM PARTNERSHIPS

Bioreactor and LED Products

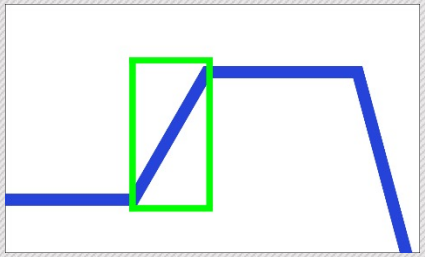
Maintenance and Replacements



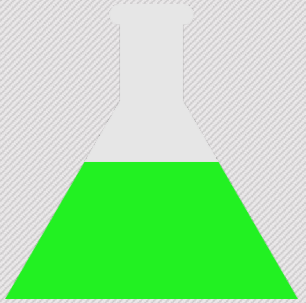
Sensor Products and Data Collection



Data Analysis and Software Licensing



Optimal Growth Data



New and Recurring Trials for Client Specific Algae