

POND TECHNOLOGIES



Corporate Presentation

Winter 2022

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COMPANY OVERVIEW & TECHNOLOGY



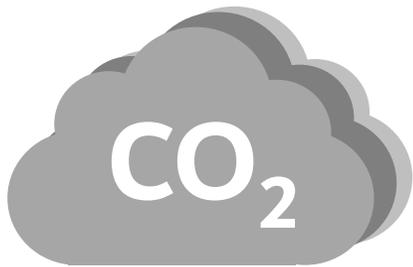
Company Overview



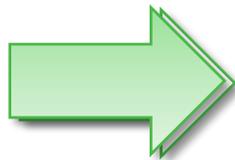
Pond Technologies (TSX.V: POND, OTCQB: PNDHF) is a Canadian technology company that has developed an innovative on-site method of **capturing** and **repurposing** harmful CO₂ emissions to produce protein-rich algae, an increasingly used ingredient for the nutraceutical, food ingredient, agricultural, desalination, land bio-remediation and biotech industries.

Traditional CO₂ carbon capture programs focus only on capturing industrial CO₂ emissions. Pond's platform captures and harnesses the power of CO₂ emissions as food for the growth and production of algae, a renewable and sustainable asset that in turn can be sold as a feed stock to other manufacturers and distributors.

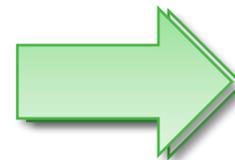
Pond's Proprietary CO₂ Abatement Technology



Two tonnes of CO₂ produces one tonne of algae.



Pond's photobioreactors are completely self-contained and can be remotely supported by Pond.



Algae production is profitable, and can be valued at thousands of dollars per tonne as a feedstock into multibillion dollar markets

Market Opportunity



FOOD, BEVERAGE & NUTRACEUTICALS

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



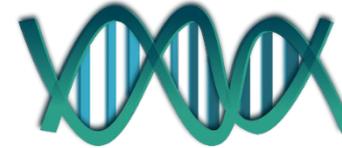
FISH & ANIMAL FEEDS

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



BIOTECH

Target Market: >\$600 billion
CAGR: 12%
Price per Kilogram: >\$1,000,000



BIO-REMEDIATION

Target Market: >\$100 billion
CAGR: 9%



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

33

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

Pond's Technology



Traditional Outdoor Method:



- Algae grows in top few inches only
- ~20x more land mass required for equivalent yield
- Large cooling and water requirements
- Climate dependent
- Contamination vulnerable
- Daylight hours only

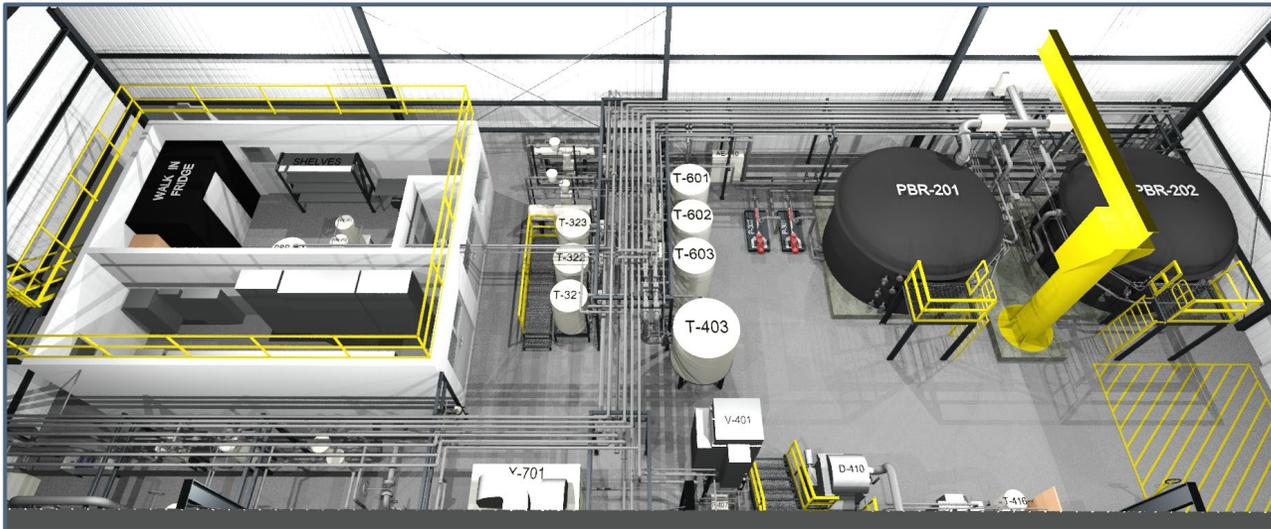


Pond's Precision Growth Platform:



- Fully controlled light and sensor system for optimized growth conditions
- Proprietary data analysis and multi-variable growth optimization system
- Increased yield using a fraction of land requirements
- Mitigated contamination risk due to enclosed bioreactors
- Operates 24/7-year round

Pond Technology



Platform Overview:

- Commercial scale algae plants have a 20%+ IRR (3-5 year simple payback)
- Pond supplies engineering expertise, proprietary equipment (illumination, sensors, controls) to projects
- Major EPC firms can build, with Pond as the technology supplier
- Pond receives license and royalty fees
- Pond can also sell the algae biomass

Pond's Business Divisions



Pond's integrated structure allows it to capitalize on multiple revenue streams, including product development, sale of proprietary equipment custom engineering, in-house technical support and licensing.

Division:

Description of Activities:



Project development and engineering support services, technology access fees, royalties from technology licensing, consulting services, and sale of proprietary equipment.



Distributes Pond and 3rd party ingredients to clients in the food, beverage, and nutraceuticals industries. Provides a vertically integrated platform for the sale of sustainable end product.



Development and growth of algae strains used in the production of chemical and biological reagents with industrial and medical applications.

Contracted Project Example & Pipeline



Contracted Project Example



Company Profile

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

Relationship

AB Agri's subsidiary Livalta has signed a License Agreement and EPC contracts worth over \$5 M CAD. Demonstration plant to be installed early 2023. AB Agri will develop and sell commercial algae-based animal feeds.

Pipeline of Opportunities



SEM

- Pond and SEM have signed an MOU to integrate Pond's technology into global projects with a focus on carbon neutral production facilities.
- The developer has many projects built and in their pipeline. Pond will be the sole provider of CO2 sequestration for their projects

Tailing Ponds
and Land
Reclamation

- Pond has sent a proposal to a major oil and gas supplier to use algae to desalinate Canadian tailings pond water
- The resulting biomass to be used in land reclamation efforts

Nutraceutical
Production

- Pond has several proposals out to companies for the construction of nutraceutical and/or food ingredient algae plants
- These are \$10-\$20M algae production plants carrying a 20%-30% IRR.

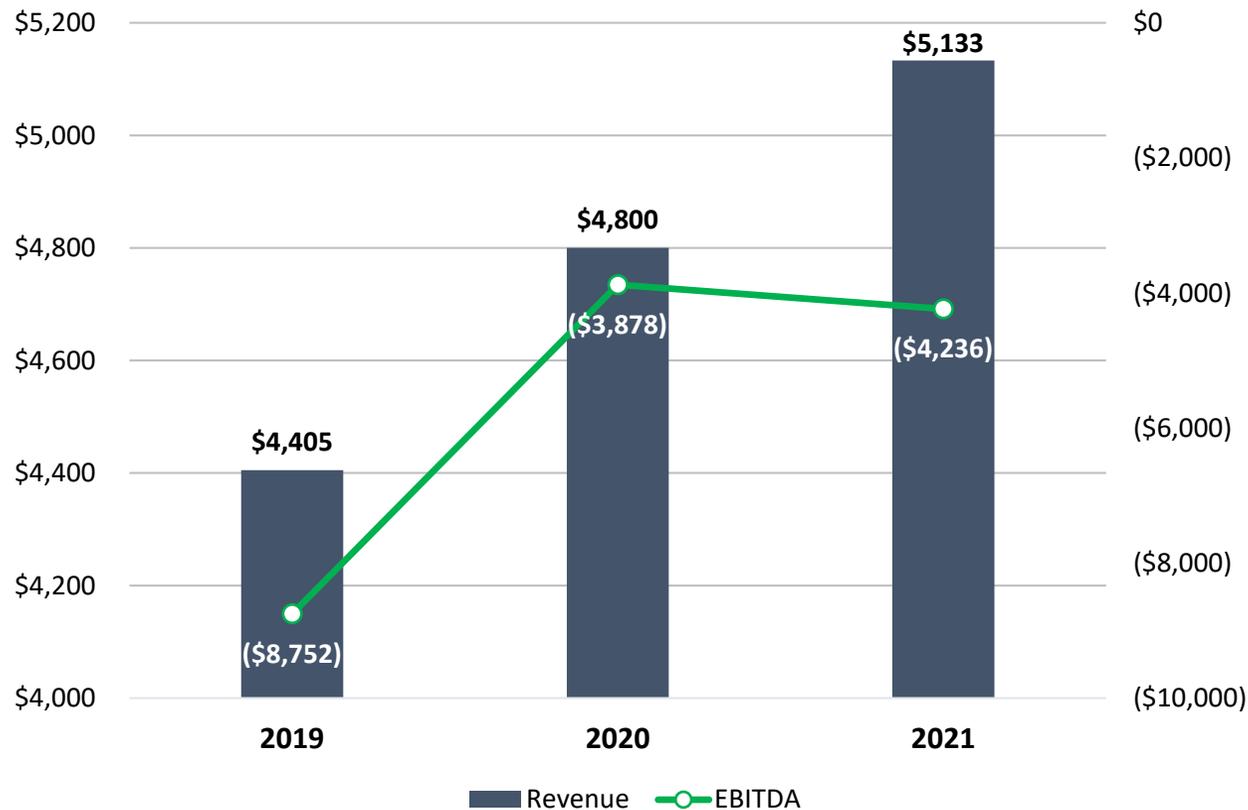
COMPANY FINANCIALS



Financials – Full Year 2021



Financial Results For the Year Ended December 31, 2021



Financial & Operational Highlights

- Compared to FY 2020, FY 2021 total revenues increased by approximately \$0.3mm, or 6.9%, while total expenses for FY 2021 decreased by approximately \$0.7mm, or 23%, from FY 2020.
- Net Income in FY 2021 improved by approximately \$1.5mm, or 23.3%, compared to FY 2020
- Execution of major signed contracts will reduce loses significantly in 2022

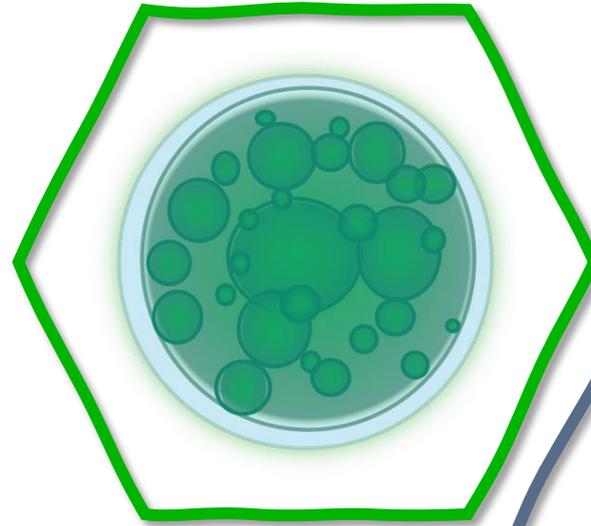
SUSTAINABILITY



The Global Sustainable Solution



Algae can solve many sustainability challenges simultaneously - its appetite for carbon, and its value as protein are the future.



Algae literally built our world. It is the source of all fossil fuels and is the foundation of the food chain - perfect for fish, animals, and humans. It has essential nutrients that are unavailable anywhere else on the planet. Pollution is its food.





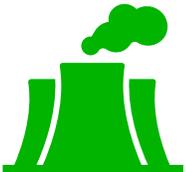
Tiny Footprint

- An acre of soybean farm produces ~2 tonnes of Soybeans (38% protein). Pond's system produces more than 1,000 tonnes of algae (spirulina is 66% protein) on the same footprint
- End of pipe, non-disruptive solution – easy for industry to adopt



Low Water Use

Growing 1 tonne of soybeans requires ~1,000,000L of water. Growing 1 tonne of algae requires less than 50,000L of water which can be recycled for the next algae “crop”



Carbon Sequestration

An acre of soybean farm produces ~2 tonnes of Soybeans (at 38% protein). Pond's system produces more than 1,000 tonnes of algae (spirulina at 66% protein) on the same footprint. That's 500x more carbon sequestration. End of pipe, non-disruptive solution – easy for industry to adopt

Sustainable Revenues



Growth Opportunity

As demand for plant-based protein grows, algae will undoubtedly be part of the solution

Sustainable Protein

Sustainable production of high protein (66%) for vegetarian/vegan ingredient applications

Carbon Sequestration

Each tonne of algae produced sequesters two tonnes of CO₂ emissions

High Value Feed/ Food Off Takes

Certain algae species provide an opportunity to generate highly sought-after offtakes for the nutraceutical industry

COMPANY OWNERSHIP



Equity Table



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

Description	Shares *
Total Common Shares	62,305,690
DSUs	751,034
Warrants:	
\$0.45/ Sh Expiring March 2023	10,437,696
\$0.60/ Sh Expiring August 2023	1,666,668
Options	4,020,000
Convertible Debenture \$0.39/Sh Exp Nov 2024	4,919,231
Fully Diluted Shares	84,100,318

* Share info as of September 30, 2022

Company 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.



Dan O'Connor, *Chief Operating Officer*

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.



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.



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.



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.

Board of Directors & Advisors



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 CO₂ capture technology and algae growing expertise.



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

John M. Farah Jr, PhD has over 30 years of experience in health care and the biopharmaceutical industry. Currently John advises life science companies on medical product business development, partnering strategies, and building credible value propositions.



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.



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. Asseltine graduated from the University of Toronto and is a Professional Engineer in the Province of Ontario.



Jacob Gamble, *Advisor*

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



Pond Technologies Holdings Inc. Head Office

250 Shields Court, Unit 8
Markham, Ontario L3R 9W7

Tel. +1 (416) 287-3835

Corporate Development
info@pondtech.com

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, 2022, available on Pond's website and on SEDAR (sedar.com).