



Major Threat to Oceans

The Pew Oceans Commission report in 2003 identified animal feedlots as a “major threat to our oceans” and more than 30 major studies have examined the impacts of nutrients on watersheds and their estuaries, both in the U.S. and globally. In 2013, US EPA began referring to excess nutrients as “the greatest water quality problem in the U.S.”

Bion Environmental Technologies, Inc. has developed patent pending technology for the cost-effective, direct treatment of livestock waste, while it is still concentrated and before it contaminates air, soil, aquifers and downstream waters. The Bion technology platform can provide tremendous savings in the ever escalating clean water costs, as well as dramatically reduce greenhouse gases and other pollutants.

Bion Patented Technology

Bion technology simultaneously delivers improved efficiencies to large-scale animal protein production facilities through byproduct recovery and renewable energy production. Bion’s next generation technology platform substantially increases the value of byproducts that are recovered from the waste stream, including renewable energy and a natural nitrogen-rich fertilizer product. Bion began filing patents for its third generation platform in 2014. The company believes that the nitrogen fertilizer produced by its technology platform will be certified for use in organic production.

By radically reducing a facility’s environmental footprint, the technology creates the potential for expansion of existing operations, otherwise not possible under current regulations. It will also allow the development of new facilities in strategic locations that were previously impossible, providing substantial improvements to logistic and resource efficiencies. These verifiable improvements provide a platform for sustainable branding – a direction the industry is already moving toward in response to a rapid narrowing of the regulatory environment and increasing consumer demand.

“THIS IS A GAME CHANGER”

*John Hines
Former Executive Deputy
Secretary of Programs
Pennsylvania Department of
Environmental Protection*

“Companies on the cutting edge like Bion, can change the entire way that farming and natural resource management have been done throughout our history.”

*Dan Glickman
Former U.S. Secretary of
Agriculture*



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EXCESS NUTRIENTS



US EPA calls excess nutrients the **greatest water quality problem in the U.S. today**. Dead Zones, toxic algal blooms, and contaminated wells and aquifers occur throughout the U.S. and the world with more frequency and scale

BION PLATFORM



Bion has developed and proven its technology platform that provides comprehensive environmental treatment of livestock waste and recovers valuable nutrients, energy and clean water from the waste stream

WIN-WIN SOLUTION



Treating livestock waste at its source creates dramatic savings in downstream compliance costs and produces local economic and environmental benefits that cannot be achieved through downstream treatment options

POLICY CHANGE



Escalating clean water costs and declining overall water quality indicate current policies must change. A new strategy based on transparency, accountability and cost-effectiveness has to be implemented

IMPROVE EFFICIENCY

There are approximately nine million dairy cows, 80 million beef cattle, 62 million swine and billions of poultry in the U.S. that produce 100 times the waste of our human population and the livestock waste is spread on fields untreated. According to a recent report by US EPA, more than 55 percent of the country's rivers and streams are in poor biological health; the most widespread problem is excessive levels of nutrient pollution. The U.S. livestock industry must reduce its footprint while improving its efficiencies if it is to remain environmentally and economically sustainable in the modern world. Bion provides the technology to achieve that.

BION TECHNOLOGY

Bion's patented technology platform provides comprehensive and cost-effective treatment of livestock waste and recovers valuable assets from the waste stream, including renewable energy, nutrients and clean water. Bion's technology can deliver substantial cost savings and improved efficiencies in two industries: water treatment and dairy/livestock production.

In 1986, Jere Northrop, PhD-biophysics, demonstrated the ability to grow and control large populations of naturally-occurring bacteria that could be used to treat the waste from livestock production facilities using substantially less energy than traditional wastewater treatment methods. While there was no broad mandate at that time to reduce nutrients (nitrogen and phosphorus) in our waterways, the impacts of excess nutrients were beginning to appear and Bion's R&D efforts began.

BION PATENTS

Bion's treatment solutions are a combination of biological, mechanical, and thermal processes that are proven in commercial operations and have been accepted by EPA, USDA and other regulatory agencies. Bion's core biological processes are protected by seven U.S. patents, with two pending, and six international patents, with applications pending in the EU, New Zealand, Mexico, Brazil, Argentina and Australia. Two years ago, Bion began filing patents on its third generation of technology. There is no other known cost-effective technology that provides Bion's level of treatment of wet livestock waste. These patents represents a substantial part of the company's future market value.

CAPITALIZATION

Symbol	BNET
Exchange	OTCQB
Current Price	\$0.90
52 Week Range	\$0.52 - \$1.46
Average Volume	6,300
Shares Authorized	100 Mill
Shares Outstanding	22.3 Mill
Float	12.9 Mill
Market Cap	20 Mill

THE MARKET ESTIMATED AT \$100 BILLION

The clean water sector represents over \$100 billion in annual U.S. spending and is consistently growing. Additional large-scale solutions to several other pressing environmental and public health issues present an increasingly attractive investment opportunity.

The \$180 billion per year animal-protein production industry – dairy, meat and egg production market requires consistently improving practices and efficiencies, requirements that can be met by Bion's patented technology platform.

FEDERAL CREDIT EXPANDS BION MARKET POTENTIAL

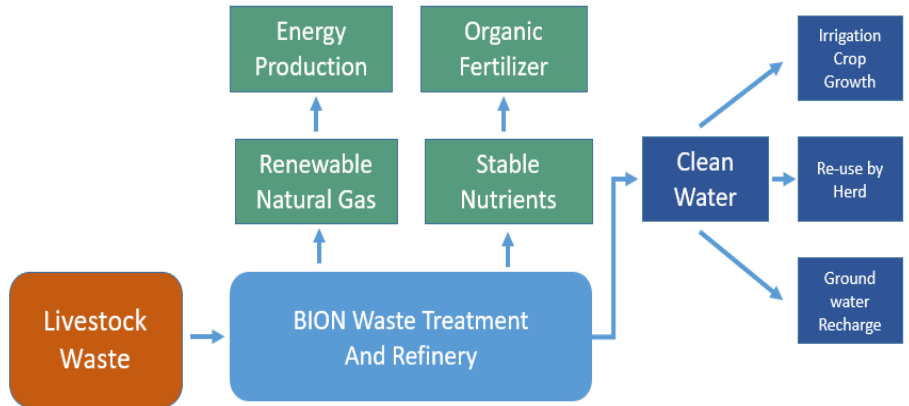
In June 2106, the Agriculture Environmental Stewardship Act of 2016, was introduced in the U.S. House Ways and Means Committee on Space, Science and Technology. The Act, if adopted, will allow biogas properties and qualified manure resource recovery properties to be eligible for the federal energy credit (30% Investment Tax Credit – ITC) and to permit new clean renewable energy bonds to finance qualified biogas properties.

CHESAPEAKE BAY

Pennsylvania is in default of its Chesapeake Bay environmental obligations and faces significant sanctions in 2017. A bipartisan PA Legislative Budget and Finance Committee report demonstrated that competitive bidding, as used at all levels of government, would provide up to \$1.5B in annual savings to PA taxpayers. Bion is a proponent of competitive bidding and is one of very few companies that will be able to provide cost-effective solutions at scale.



Waste Treatment



BENEFITS

- Cost-effective nutrient removal/recovery
- Greatly reduced GHG and ammonia emissions
- Low odor & reduced VOC emissions
- Recovering nutrients from the source, rather than after entering the environment
- Largely eliminates pathogens in waste stream
- Large Federal Investment Tax Credits have been proposed in Congress
- Bion technology will save Federal, State and local taxpayers billions



OPPORTUNITIES

- Installation of Bion systems to retrofit and environmentally remediate existing CAFO's to reduce nutrient releases, gaseous emissions, pathogens and other compounds in order to clean the air and water in the surrounding areas to comply with regulations and to permit herd expansion;
- Development of new projects within the United States and internationally, supported by State and Federal government.
- Licensing and/or joint venturing of Bion's technology and applications outside North America.

These opportunities each require substantial political and regulatory (federal, state and local) efforts on the part of the Company. A substantial part of Bion's efforts are focused on such political and regulatory matters. The most intense focus is currently on the requirements for the clean-up of the Chesapeake Bay faced by the Commonwealth of Pennsylvania. The Company believes that the use of Bion's technology platform will be the preferred choice as a efficient and cost-effective alternative to a far more expensive nutrient removal downstream in storm water projects.

BION MANAGEMENT TEAM



Leadership Team—Focused on Execution

Chairman

Mark A. Smith has been President, General Counsel, interim Chief Financial Officer and a director of Bion Environmental Technologies, Inc. since late March 2003. Since that time, he has also served as sole director, President and General Counsel of Bion's wholly-owned subsidiaries including Bion Services Group. Since 1992 Mr. Smith has served Bion in various senior positions including director, Chairman and President.

Mr. Smith received a Juris Doctor Degree from the University of Colorado School of Law, Boulder, Colorado (1980) and a BS from Amherst College, Amherst, Massachusetts (1971). Mr. Smith has engaged in the private practice of law in Colorado since 1980. In addition, Mr. Smith has been active in running private family companies, Stonehenge Corporation (until 1994) and LoTayLingKyur, Inc. (1994-2002). Until returning to Bion during March 2003, Mr. Smith had been in retirement with focus on charitable work and spiritual retreat.

Chief Executive Officer

Dominic Bassani was promoted to Chief Executive Officer in May 2011. He had previously served as the General Manager of Bion Integrated Projects Group (then Bion Dairy) ('Projects Group') from April 2003 through September 2006 and as a consultant (through Bright Capital, Ltd. ("Brightcap")) on a full-time basis with focus on strategic planning and special projects. He has been an investor in and consultant to Bion since December 1999. As an independent investor, since 1990 he has owned and operated Brightcap, a management consulting company that provides management services to early stage technology companies.

Mr. Bassani was a founding investor in 1993 in Initial Acquisition Corp. that subsequently merged in 1995 with Hollis Eden Corp. (HEPH), a biotech company specializing in immune response drugs. From early 1998 until June 1999 he was a consultant to Internet Commerce Corp. (ICCA), a leader in business-to-business transactions using the Internet. He is presently an investor in numerous private and public companies primarily in technology related businesses. From 1980 until 1986, Mr. Bassani focused primarily on providing management reorganization services to manufacturing companies and in particular to generic pharmaceutical manufacturers and their financial sponsors.

Executive Vice Chairman

Ed Schafer joined Bion in August, 2010, as Executive Vice Chairman, to provide Bion with strategic advice, focusing on areas of public policy related to the livestock industry both domestically and internationally. Commencing in early 2011, Mr. Schafer became a key member of Bion's three-person senior management team with direct management responsibility for Bion's: a) state and federal government interfaces, b) relationships with the agriculture (including livestock) industry, and c) international initiatives in Asia and the Middle East.

In January 2016, Mr. Schafer was named interim president of the University of North Dakota. Mr. Schafer was the US Secretary of Agriculture from 2008 to 2009 and Governor of North Dakota from 1992 to 2000. In addition to his public sector experience, he has successfully led a multi-national consumer products business and several entrepreneurial start-up companies. Mr. Schafer graduated from the University of North Dakota with a Bachelor of Science degree in business, earned a Master of Business Administration at the University of Denver, and has been awarded two honorary doctorate degrees. Mr. Schafer has served on public and private corporate boards of directors and held leadership positions in foundations and trade associations. He is also an active member of many civic and service organizations.

SWI INVESTMENT OPINION

Bion is a Technology Leader in an expanding Market

The livestock industry and its waste management practices, and the effects they have on the environment and public health, have continued to make national headlines. The march to the inevitable cleanup of large-scale livestock waste seems to be gathering momentum, driven by a growing understanding of its environmental impacts and costs. Industry economics dictate improvements and complying with certain future State and Federal regulations if voluntary methods fail, will require significant investments. These conditions can be accommodated in a cost effective manner with Bion's patented technologies.

Increasing Revenue

While Bion is ahead of its competition and we believe that the economic viability of Bion's projects will be even further improved when its 3G technology platform can be utilized, it has not and is still not generating (significant) revenues and we consider it a "development" company with large potential. Bion is continually involved in research and development to upgrade and improve its technology, including integration with third party technologies. During the 2014 and 2015 fiscal years, the Company increased its research and development activities with focus on augmenting the basic 'separate and aggregate' approach of its technology platform to provide additional flexibility and to increase recovery of nutrient by-products (in organic and non-organic forms) and renewable energy production (biogas), thereby increasing potential related revenue streams

- Bion Environmental Technologies, Inc. currently has a negative book value, but trades at a higher Price/Asset ratio (10.45) than its peer median (0.82).
- Company's core senior management and several key employees and consultants have been deferring all or part of their cash compensation and/or are accepting compensation in the form of securities of the Company, priced at the market at the time of conversion.
- Company's senior management have made significant investments and loans to the Company.
- Securities and warrants issued have all been issued at fixed prices and most likely will not present any downward pressure on stock price.
- The Company has reduced G&A expenses loss from operations and net loss.
- The weighted-average exercise price for the outstanding warrants is \$1.23, and the weighted average remaining contractual life as of March 31, 2016 is 4.0 years..

Bion SEC Filings

[Download Here](#)



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