

Premium organic fertilizers and clean water from waste

Circular solutions for agriculture, food, and renewable fuels



This presentation contains, in addition to historical information, forward-looking statements regarding Bion Environmental Technologies, Inc. (the "Company"), which represent the Company's expectations or beliefs including, but not limited to, statements concerning the Company's operations, performance, financial condition, business strategies, and other information and that involve substantial risks and uncertainties. The Company's actual results of operations, most of which are beyond the Company's control, could differ materially. For this purpose, any statements of expectations or revenue projections contained in this presentation (that are not statements of historical fact) may be deemed to be forward-looking statements.

Risk Factors that could cause or contribute to such difference include, but are not limited to, the Company's extremely limited financial and management resources; the possibility that markets for eco-friendly/ sustainable beef, organic and low-carbon fertilizer products, and clean fuels and energy will be slow to develop (or not develop at all); changes in political administrations and their impact on policies related to project development, renewable energy and clean fuels tax and other credits, and advanced low-carbon and organic fertilizers; failure to attract strategic partners that can supply needed expertise and resources in various sectors, such as renewable energy/clean fuels, fertilizers, agriculture and livestock; the substantial capital expenditures required for development/construction of the Company's proposed Projects. Additional information regarding the Company and its ARS and Gen3Tech platform should be reviewed on the Company's website at <https://bionenviro.com/>.

Potential investors are urged to consider closely the disclosures and risk factors in the Company's current Form 10-K and subsequent 10-Q's, filed with the Securities and Exchange Commission, and available at www.sec.gov or www.otcm Markets.com.

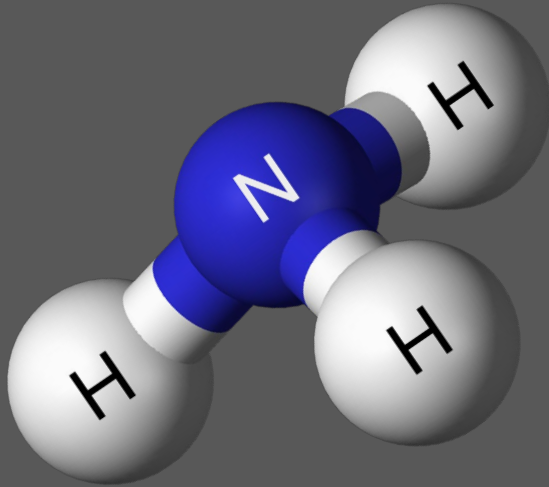
Our third-generation technology – with over 30 years and \$100M invested – was developed to provide advanced waste treatment and resource recovery for large-scale livestock production.

Our core technology is our patented **Ammonia Recovery System**, that captures, stabilizes, and upcycles the ammonia released when Renewable Natural Gas (RNG) is produced from organic waste. Uncontrolled ammonia in the environment is volatile and mobile – it is a serious pollution problem. We combine the ammonia with the CO₂ in the waste stream to produce premium organic nitrogen fertilizers, preventing the significant air and water pollution ammonia causes, and recovering value. Our latest patent extends our coverage beyond animal waste to include industrial waste streams (food, food/beverage processing, slaughter) and municipal wastewater.

The ARS forms the foundation of our **Gen3Tech** platform, an integrated solution that produces RNG, clean water, and value-added organic and very low carbon nitrogen fertilizers from livestock waste. The Gen3Tech is a comprehensive sustainable solution for large scale livestock production that makes the most of the principles of a circular economy. The platform is designed to maximize the value of the waste stream byproducts and enable process verification that backs transparency, sustainable marketing claims, and ultimately premium pricing.

Bion has faced management and financial challenges over the last two years, but technology performance has exceeded expectations. We are encouraged by initial commitments for our innovative organic nitrogen fertilizer products and the interest from engineering and construction firms in our ammonia control solution for biogas producers. New leadership is recapitalizing the company and building a team focused on commercialization. We intend to build product supply by deploying the ARS in the waste treatment and RNG sectors.

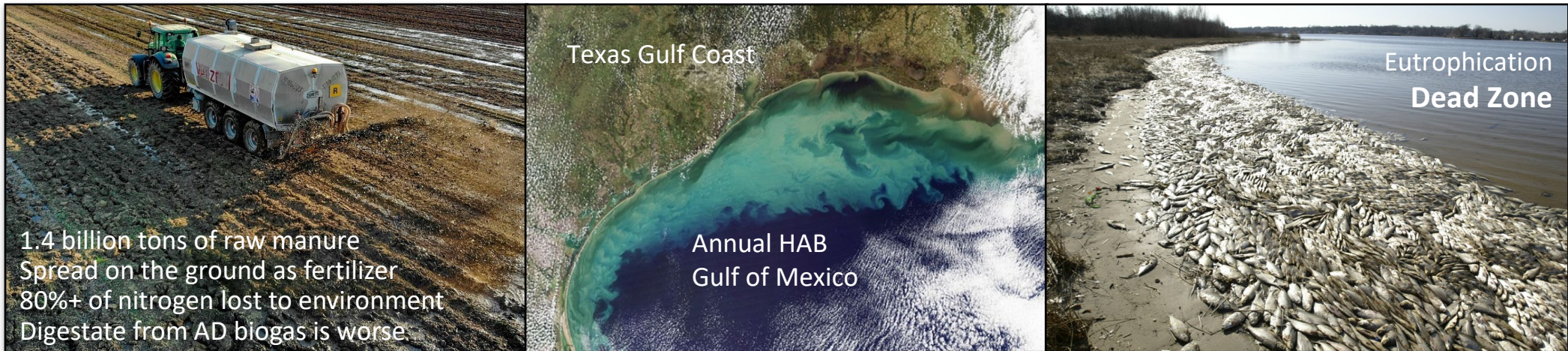
When **Renewable Natural Gas** is produced from organic waste streams, like manure, food, food/beverage processing, and slaughter waste, or municipal wastewater, ammonia is released – a lot of it.



Ammonia is volatile and hard to control. Once it escapes to the environment, it contributes to small particulate air pollution, Harmful Algae Blooms (HABs), and groundwater nitrate contamination.

Carbon Dioxide is also released when RNG is produced.

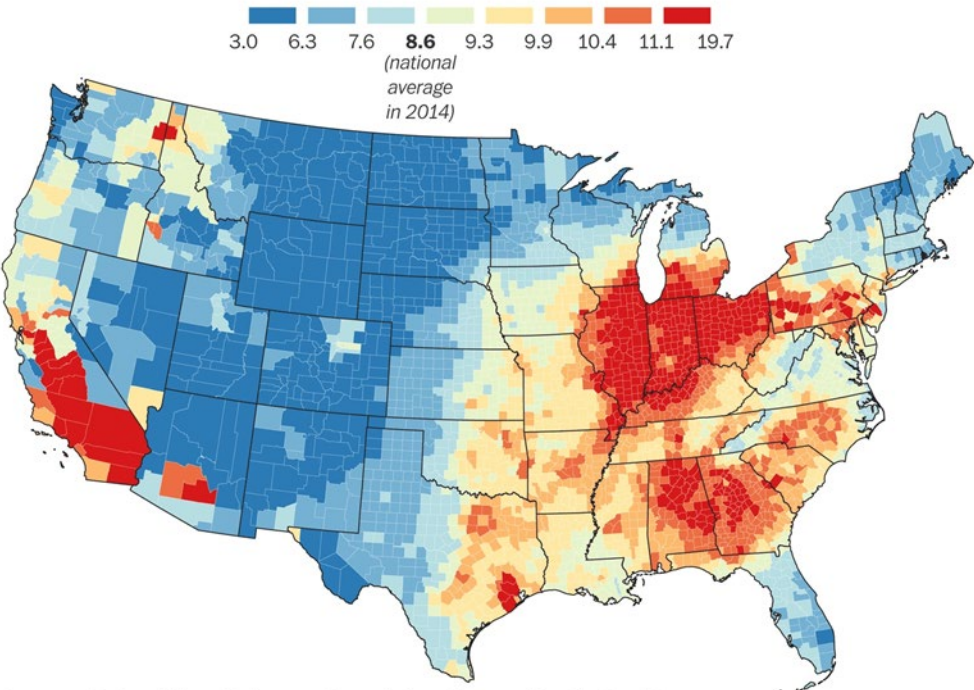
Uncontrolled ammonia spreads nitrogen downwind and downstream



...leading to Harmful Algae Blooms that are increasingly toxic,
Dead Zones in our coastal waters, and nitrates in groundwater

Map of American air pollution

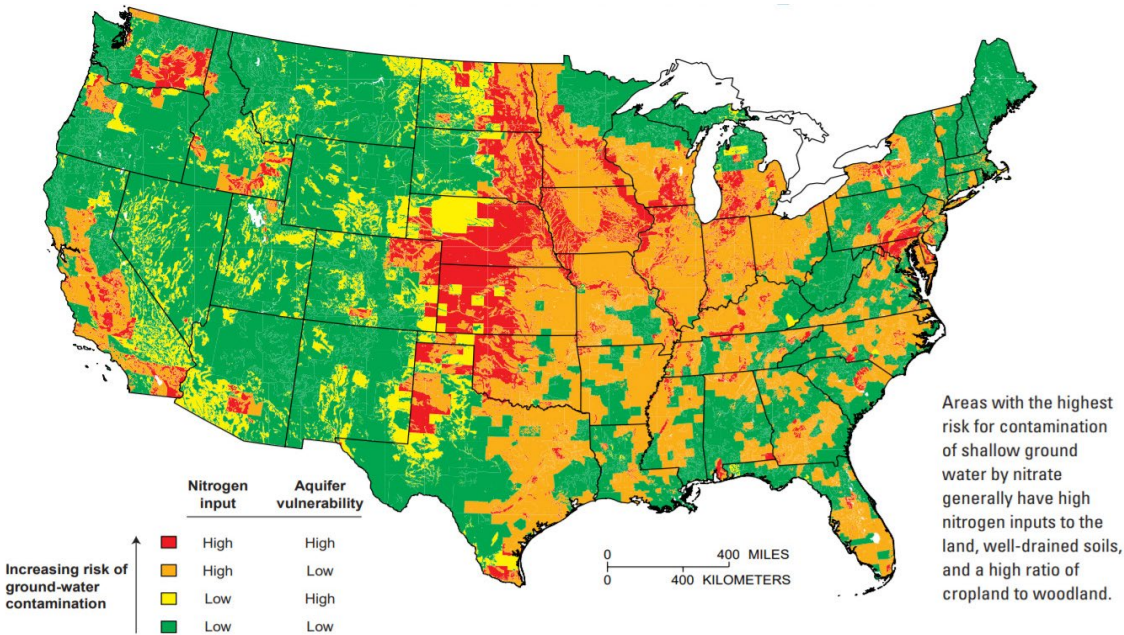
Daily average small particulate matter (PM2.5) concentration in 2014



Source: Robert Wood Johnson Foundation County Health Rankings THE WASHINGTON POST

Groundwater Contamination Risk - Nitrate

USGS Circular 1225, The Quality of Our Nation's Waters.



Patented Core Technology: Ammonia Recovery System

The image shows a complex industrial ammonia recovery system. It features several levels of stainless steel structures with yellow safety railings. A large, dark-colored cylindrical tank is prominent in the foreground, surrounded by a network of pipes and valves. In the background, more industrial equipment, including smaller tanks and piping, is visible. A set of stairs leads up to one of the platforms. The entire system is housed within a large industrial building with a high ceiling and metal support beams.

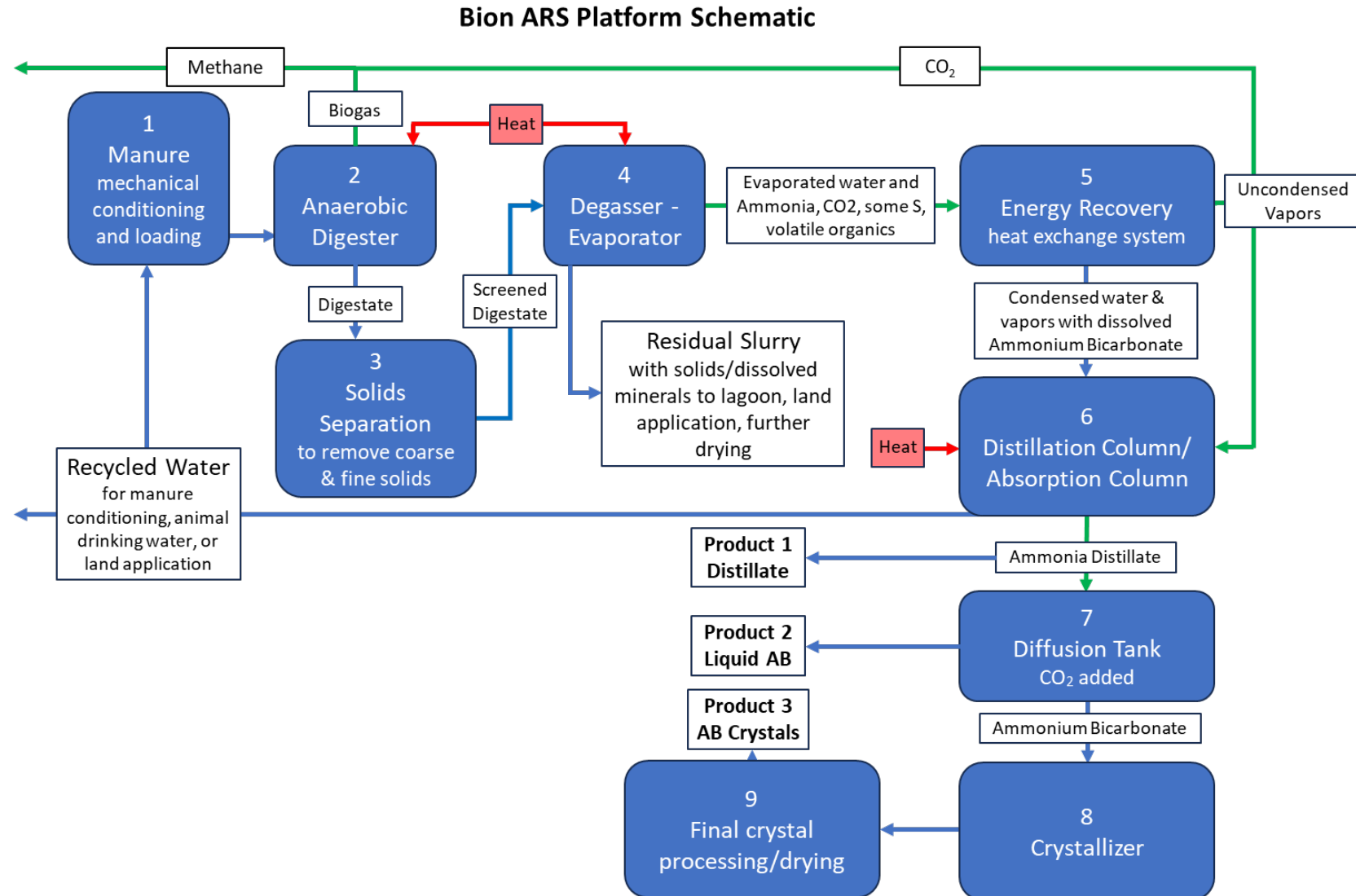
Ammonia and CO₂ are upcycled into high-value organic nitrogen fertilizers. Clean water is produced that is available for fertigation or reuse as animal drinking water with minor treatment. In some cases, a significant portion of the waste stream water is discharge-quality.

- Optimized at small commercial scale
- Performance exceeds expectations
- Scalable; robust and reliable
- Ready for project final design
- Developing new applications and configurations
- Anticipate further and significant capex/opex reductions

Cost-effective ammonia control

Up to 90% capture
Upcycle to high-value products

65% with nutrients for fertigation
35% clean (distilled) for reuse
In some applications with added equipment, up to 50% of waste stream water can be recovered for permitted discharge



Patent No.	Claims	Expiration
11858823	C: Expands claims beyond animal waste; specifically, to industrial and municipal waste	9/14/2035
11254581	CIP: Additional recovery methods that improve efficiencies and reduce costs	9/14/2035
10793458	C: Significantly stronger coverage of ammonia recovery technology	9/14/2035
10604432	CIP: Broader protections to cover technology platform improvements	6/29/2037
10106447	Process to recover ammonium carbonate/ ammonium bicarbonate from wastewater	9/14/2035
8287734	Method for treating nitrogen in waste streams; original Gen 2 patent (Jere Northrop, et al)	3/20/2031

Low-carbon footprint

Concentrated ammonia distillate

AB Liquid

Ammonia, ammonium carbonate, and ammonium bicarbonate

Partially stabilized with waste CO₂

Variable Concentration 3% to 10%

Variable pH 7.5 to 10.5

OMRI Listed for organic use

AB Crystals

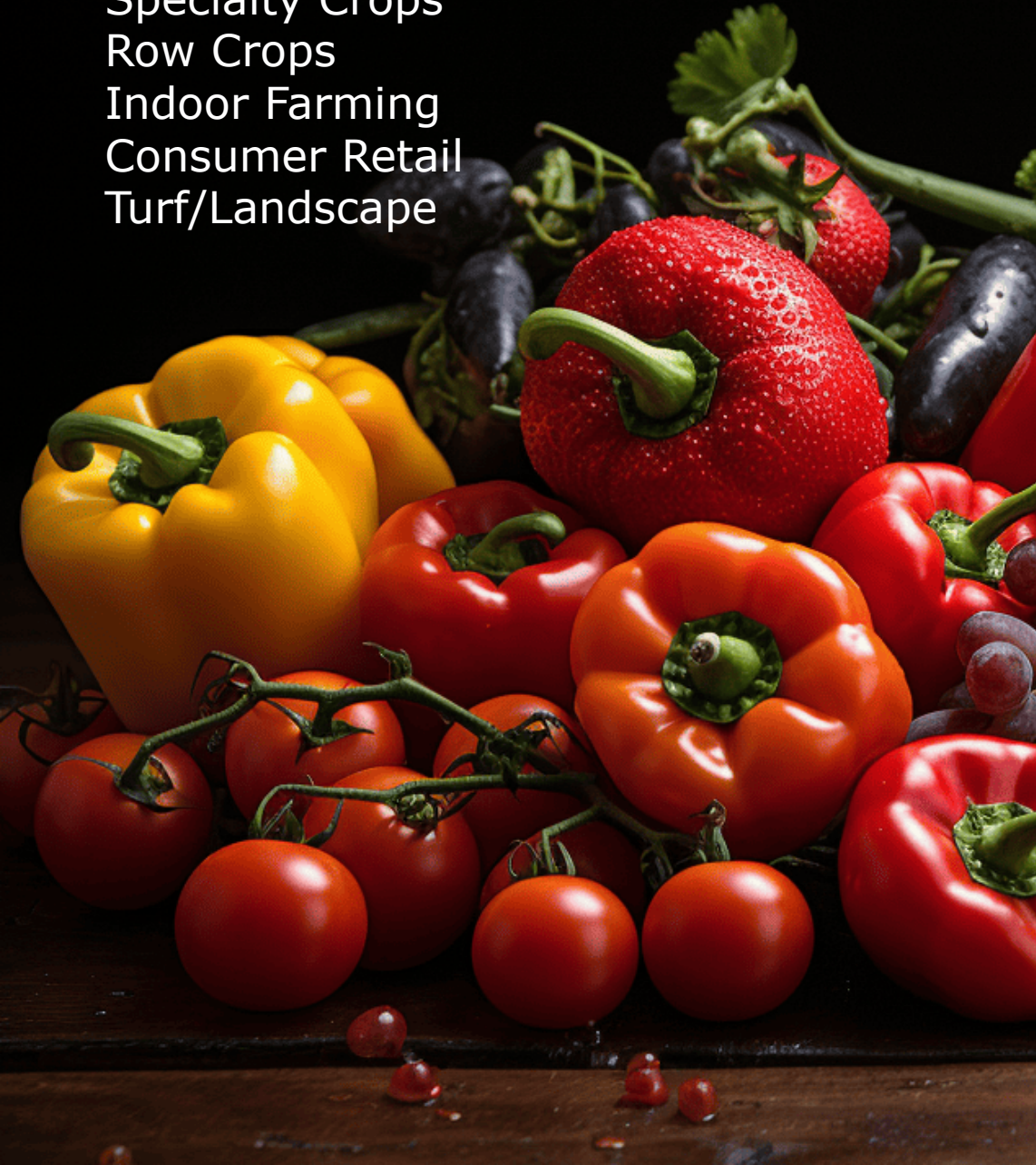
Dewatered AB Liquid

Concentrated



Organic Nitrogen Fertilizers

Specialty Crops
Row Crops
Indoor Farming
Consumer Retail
Turf/Landscape



Flexible Use

Direct use/fertigation
Blended ingredient

Pathogen Free

Immediately-available N

Promotes robust growth

Climate Smart

Breakthrough approach: dramatic
reduction in carbon footprint

Water Smart

Protects surface and groundwater from nutrient runoff and allows
nutrients to be precision-applied when and where needed

Air Smart

Largely eliminates ammonia emissions/PM2.5 formation

Improves Soil Health

Ability to quickly bring soil microbes in organic systems back to a
healthy and productive balance

Sustainable Agriculture

Ideal for organic, regenerative, and soil food web practices

Cost-Effective

A unique product for organic growers that reduces yield gap at a
competitive price



Industrial/Municipal Waste w/ Biogas

Food waste, food/beverage processing, slaughter
Retrofit or new project integration



Concentrated Animal Feeding Operations

Retrofit or new project integration
US and EU



Integrated sustainable livestock/beef

Resource recovery and pollution control
New project integration



Potential to share in organic ammonia fertilizer revenues

Water Smart: recover 50% or more as clean water

Climate Smart: capture up to 20% of CO₂

Air Smart: reduce ammonia and PM_{2.5} air pollution

Reduce slurry handling costs

Allow for expansion of operations

Avoid current and future ammonia discharge regulations

Become a Poster Child for advocacy groups

Environmental benefits are 3rd-party verified

Premium pricing for sustainably-branded products

USDA [Process Verified Program](#)-certification

Potential water quality trading credits

Reduce nitrogen impacts on harmful algae blooms and groundwater pollution

Gen3Tech Platform

Circular Agriculture

Livestock Waste Treatment

RNG Production

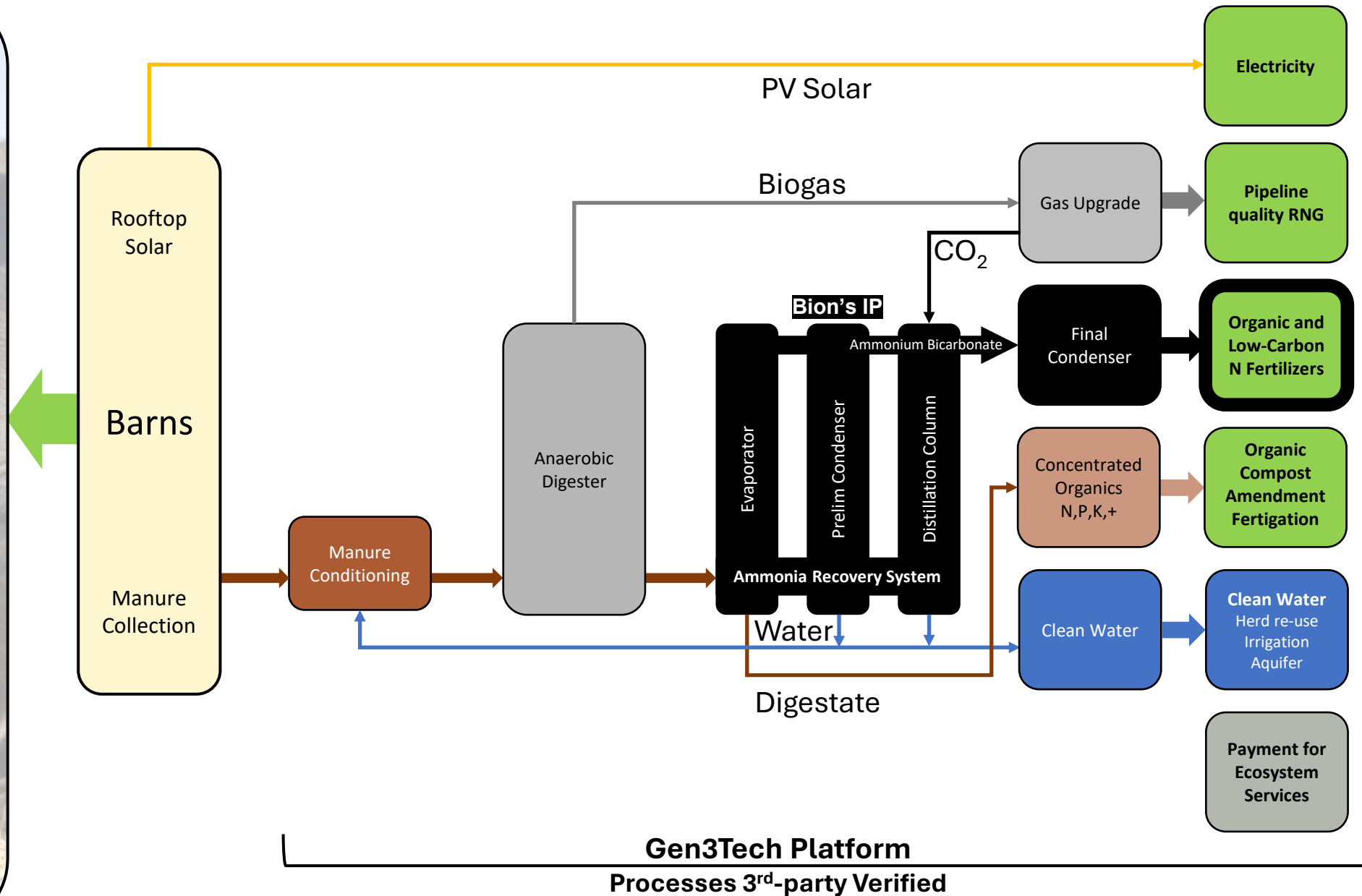
Nutrient Recovery-Upcycle

Water Reclamation

Improved Profitability



Sustainable Meat, Milk, Eggs



Eco-friendly Premium Finished Beef



Improved animal health and welfare
Dramatically lower environmental footprint
Enhanced production efficiencies and economics

Shelter from weather/sun

Improved health and welfare

- Reduced antibiotic usage

Improved production economics

- Better feed conversion

- Shortened finishing times

- Lower mortality rate

- Reduced labor costs

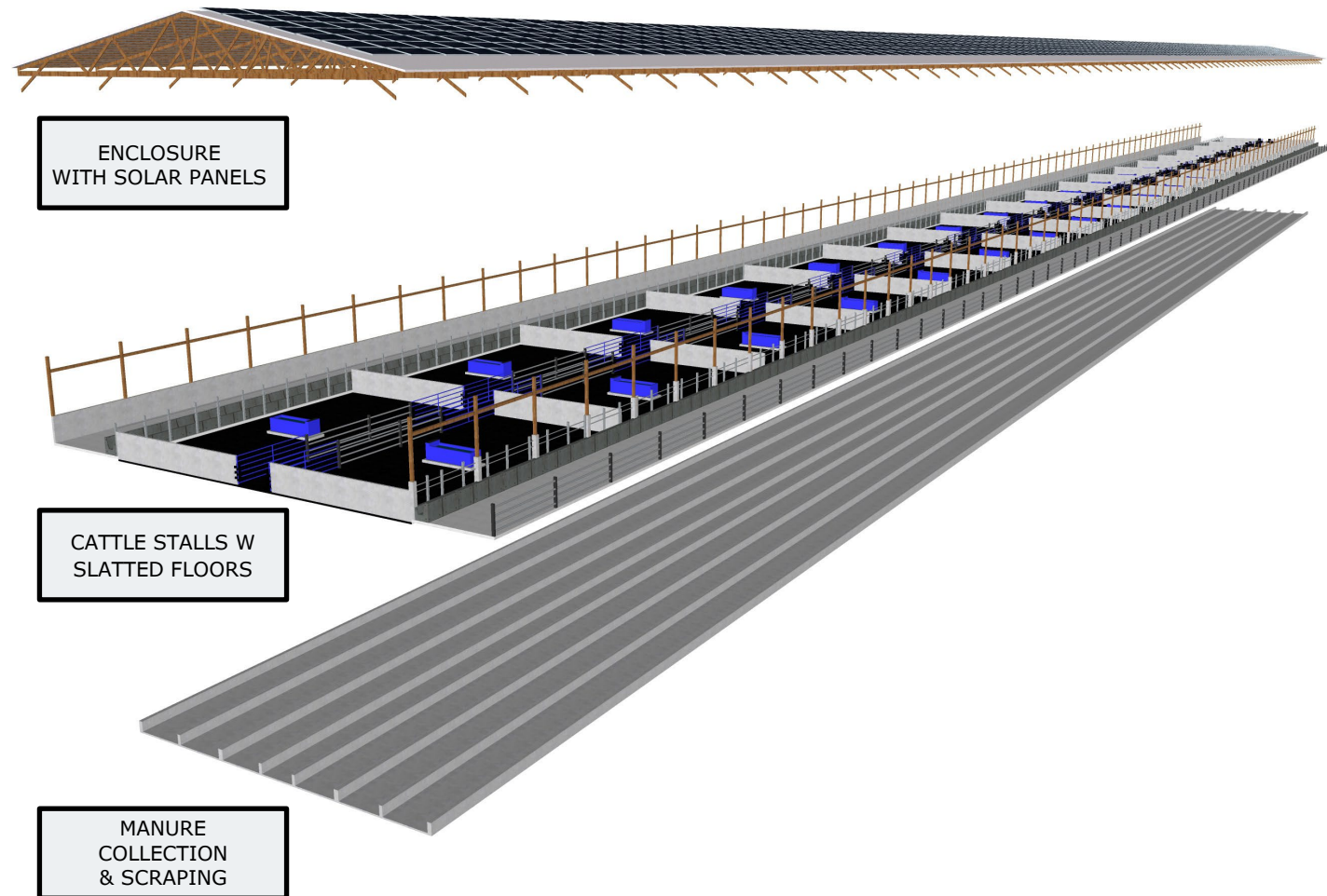
- Eliminate current manure costs

Roofs: PV solar, rainwater capture

24/7 manure collection

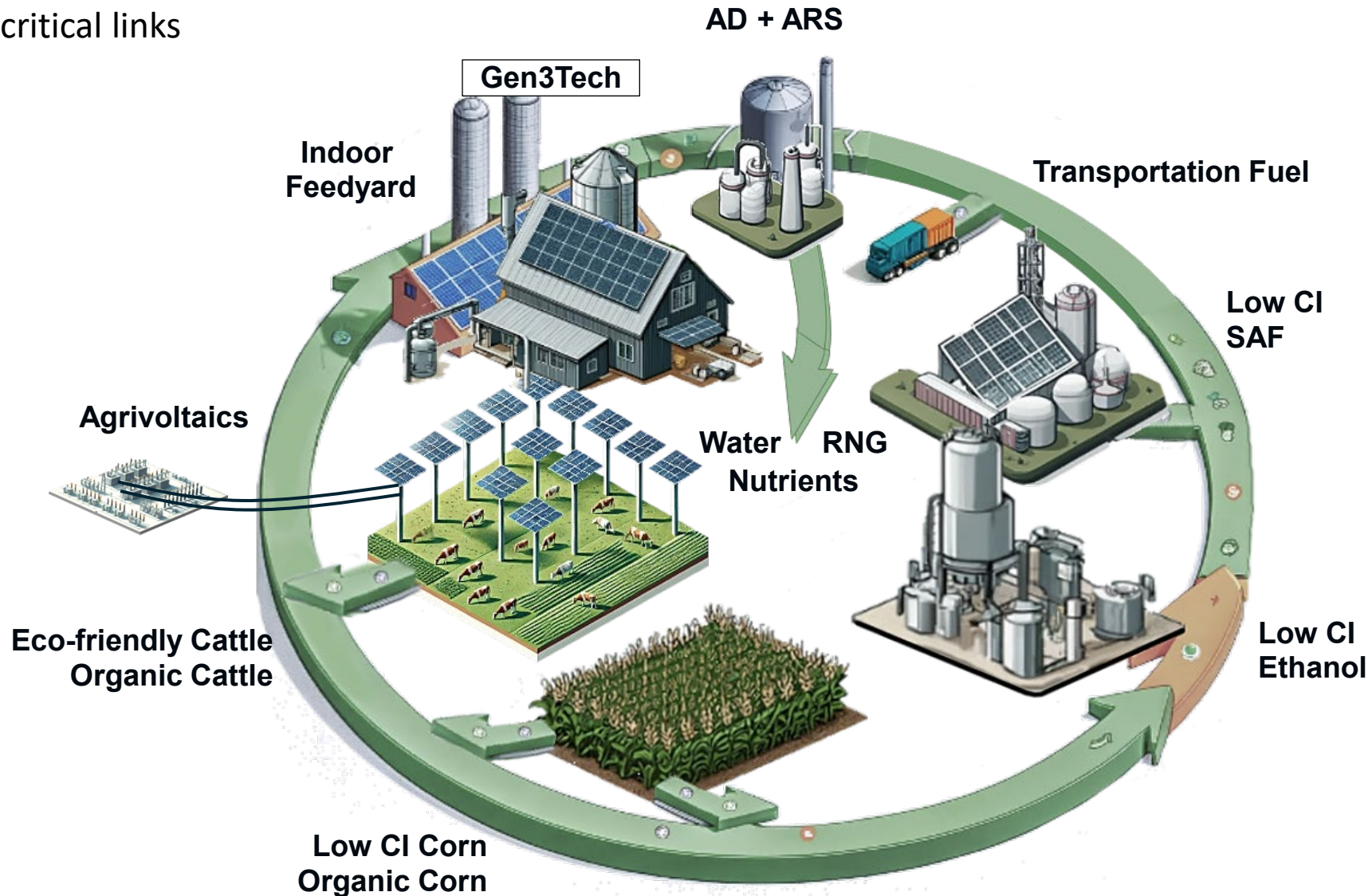
- Minimize environmental impacts

- Maximize resource recovery, revenues, and margins



ARS tech and Gen3Tech platform can be critical links in a circular ecosystem that includes

- Low-carbon fertilizers, crops, and cattle
- Organic fertilizers, crops, and cattle
- Renewable Natural Gas
- Agrivoltaics
- Clean Air and Water



Bion Announces First Offtake Commitments for its Organic Nitrogen Fertilizer

May 27, 2025

Billings, MT, May 27, 2025 (GLOBE NEWSWIRE) -- Bion Environmental Technologies, Inc. (OTC QB: BNET), a leader in advanced livestock and organic waste treatment and resource recovery technology, announced it has received the first Letters of Interest (LOI) for its OMRI (Organic Materials Research Institute) Listed nitrogen fertilizer, from two of the largest distributors of organic fertilizers on the West Coast.

Perfect Blend has executed an LOI for 50,000 gallons at \$7.00 per pound, FOB (Freight on Board) at Bion's initial fertilizer production facility (location to be determined). Perfect Blend's headquarters are in Bellevue, Washington, and they have offices across the USA and increasingly in places around the world. They lead in the research, development, and manufacturing of focused nutrition biological fertilizers and are highly regarded for quality and service. See <https://perfect-blend.com/>.

Yield RMG (Resource Management Group) has executed an LOI for 100,000 gallons at \$7.00 per pound, FOB at Bion's initial fertilizer production facility (location to be determined). Yield RMG is headquartered in Hollister, California, near the heart of California's robust specialty and organic crop production. They are committed to empowering agribusinesses that embrace organic and sustainable practices and dedicated to pioneering change in three pivotal sectors: organic and sustainable agriculture, renewable energy, and water and waste treatment.

See <https://www.yieldrmg.com/>.

The LOIs are for Bion's OMRI Listed 10-0-0 liquid nitrogen fertilizer... To read more: [click here](#).

Once escaped to atmosphere and environment

- Loss of fertilizer resource value

- Contributes to PM2.5 (small particulate air pollution)

Converts to nitrate

- Harmful algae blooms (HABs – increasingly toxic) and dead zones

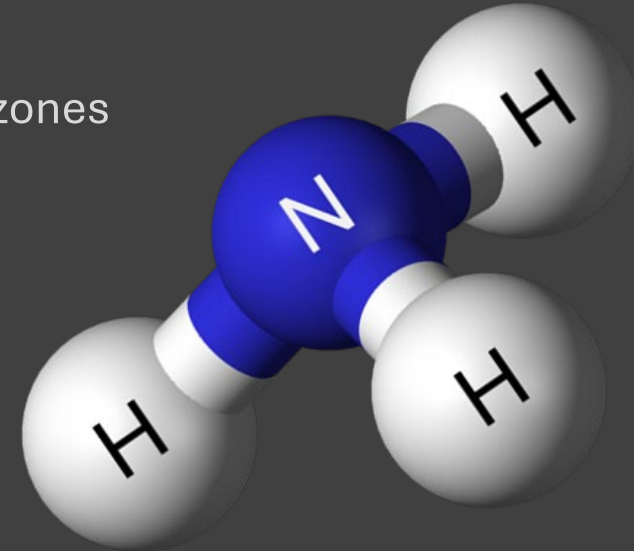
- Contaminates groundwater with nitrates

Increasing focus in US on ammonia

US multistate Research Project

- [Sources and fate of ammonia across the landscape](#)

EU monitors and regulates ammonia



Ammonia/Ammonia-Nitrogen

Ammonia and its nitrogen is the key to feeding the world, but also...

a significant health risk if not controlled



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Recovering Resources | Preventing Pollution