



## ACQUISITION OPPORTUNITY OVERVIEW

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### Commercialized Patented Technology at the Forefront of Sustainable Fertilizer Solutions

Hilco Streambank is offering for sale the intangible assets of Anuvia Plant Nutrients, an agricultural technology company with a robust, commercialized patent portfolio of 10 patent families covering manufacturing methods for formulating a bio-based, concentrated, slow-release fertilizer containing organic material, manufacturing systems and product.

Additional intangible assets including trademarks and domain names, as well as associated tangible assets including finished inventory, are also available.

The technology is poised to address a growing commercial agriculture industry, which will need to serve a population of 10 billion by 2050, while also addressing the increased emphasis from consumers and regulators on efficient food supply chains. The patented technology delivers plant nutrition more efficiently, reducing the need for synthetic fertilizers in commercial agriculture, increasing ROI and decreasing the carbon footprint of agriculture.

#### BID DEADLINE

July 24, 2023  
at 12:00 p.m. Eastern Time

#### AUCTION

July 26, 2023  
at 12:00 p.m. Eastern Time

## Commercialized Patent-Protected Technology Covering Process to Create and Slow-Release of Fertilizers

The company's patented technology protects a high-efficiency, sustainable, field-ready fertilizer. The fertilizer is formulated using organic waste materials, such as food waste and wastewater solids, which are then processed through a proprietary technology. The process involves capturing and upcycling essential nutrients that would otherwise be lost or disposed, and subjecting them to a controlled reaction that breaks down complex molecules into simpler forms. The resulting fertilizer provides a balanced blend of macro and micro nutrients, including nitrogen, phosphorus, potassium, sulfur and micronutrients including iron, zinc and manganese. The manufacturing process for the agriculture, turf, and lawncare industries, forms a closed loop in which no waste stream is created – for every ton of organic material used, approximately a ton of fertilizer is produced.



The result is a conversion of the organic materials into a concentrated, **slow-release** granular fertilizer that is rich in nutrients and organic matter. The controlled-release nature of the granules ensures that plants receive a steady supply of nutrients, promoting improved crop yields, healthier and more efficient growth while reducing the risk of nutrient runoff and leaching into water bodies. 70% of nitrogen is released in the first 2-3 weeks; the remainder is released over the next 6-8 weeks, delivering a **5-12x ROI** (return on investment) to growers. Importantly, for the end-user, new equipment is not required to distribute or utilize the fertilizer products.



## Contributing to Reduction of the Carbon Footprint

The fertilizer has a low carbon footprint and contributes to carbon sequestration. By utilizing organic waste material, the technology helps divert these materials from landfills, reducing methane emissions and providing an environmentally friendly alternative to traditional synthetic fertilizers. The slow-release process also reduces the need for frequent applications, further minimizing environmental impact associated with traditional fertilizers.

In addition, as the government continues to regulate per- and polyfluoroalkyl substances (known as PFAS), Anuvia's fertilizer has been developed with an eye to meeting any regulations that the Environmental Protection Agency or states impose.

According to an environmental audit conducted by Environmental Resources Management, the environmental impact of Anuvia's proprietary processes of utilizing organic waste materials to create fertilizer and then releasing it over time is substantial: for every million acres of crops that use Anuvia's products, the reduction of greenhouse gases is the equivalent of removing 30,000 cars from the road. The audit found that the protected plant-nutrient technology reduces greenhouse gases by up to 32% compared to the use of conventional fertilizers, while also delivering a 3-5X return on investment to the grower.

## The Market Has Responded

The first commercially available products utilizing the proprietary technology were released in 2020. By 2022, utilization exceeded 3 million acres, generating approximately \$25 million of revenue from 30 customers.

That same year, the company signed an agreement with Petronas Chemicals, the largest oil and gas company in Malaysia, to initially distribute and then market and produce Anuvia's fertilizer in Southeast Asia.



## SALE PROCESS

The assets are being offered by a state-court appointed receiver, and the sale is subject to approval of the court overseeing the receivership. Contact Hilco Streambank to learn more.

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