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RENEWABLES

CleanBay Renewables at a Glance

Company

CleanBay Renewables is helping solve **environmental and energy challenges** facing food and agricultural operations across the United States.

- **Founded in 2013** as an agri-tech company focused on upgrading agricultural byproducts into renewable energy and advanced fertilizer
- Team has **development and operational expertise** in agriculture, engineering, food production, energy, and finance
- Partners include leading **institutional firms** for Engineering, Procurement and Construction (EPC), operations, energy offtake; paired with long-term regional feedstock supply

Business Overview

CleanBay Renewables is developing a portfolio of **bioconversion facilities** that will use field-proven anaerobic digestion (AD) and nutrient recovery (NR) technologies to **convert poultry litter into Renewable Natural Gas (RNG), hydrogen, electricity, and organic fertilizer**.

- Westover, MD (Somerset County)
- Georgetown, DE (Sussex County)
- Lemoore, CA (Kings County)

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Each CleanBay facility can **recycle more than 150,000 tons of poultry litter** each year into:

Sustainable Fertilizer

>100,000
TONS OF FERTILIZER

Providing farmers with a natural, controlled-release fertilizer containing humic acid to address overall soil health and relieve nitrate and phosphorus runoff.

Renewable Energy

> 750,000
MMBTU OF RNG

Providing the community with enough renewable energy for over 11,000 area homes and a long-term sustainable source of renewable transportation fuel that will provide a substantial reduction in climate pollutants.

Carbon Reduction

>550,000
TONS OF CO_2 EQUIVALENT

Providing businesses with an opportunity to reduce their emissions with the sale of carbon credits into carbon trading markets (regulated and voluntary).

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Project Benefits

ENERGY

- **766,500+ MMBtu** (annually) of **Renewable Natural Gas** per project; Green Hydrogen/ EV Charging options

AGRICULTURE

- **125,000+ tons** (annually) of **organic/natural, controlled-release fertilizer**
- Sustainably **recycles up to 185,000 tons** (annually) of poultry litter

ENVIRONMENT

- **Air: Reduction of up to 1,000,000 tons CO2 equivalent** per project (annually) related to methane and nitrous oxide (N2O)
- **Water:** Significantly **reduces water pollution** caused by nitrates
- **Land:** Enables **healthy soils** for crop health and soil carbon sequestration

ECONOMIC

- **Private Investment: $400m+ per project** with 30-month construction schedule
- **Job Creation: 250 construction jobs** and **26 full-time jobs** during 25-year operations

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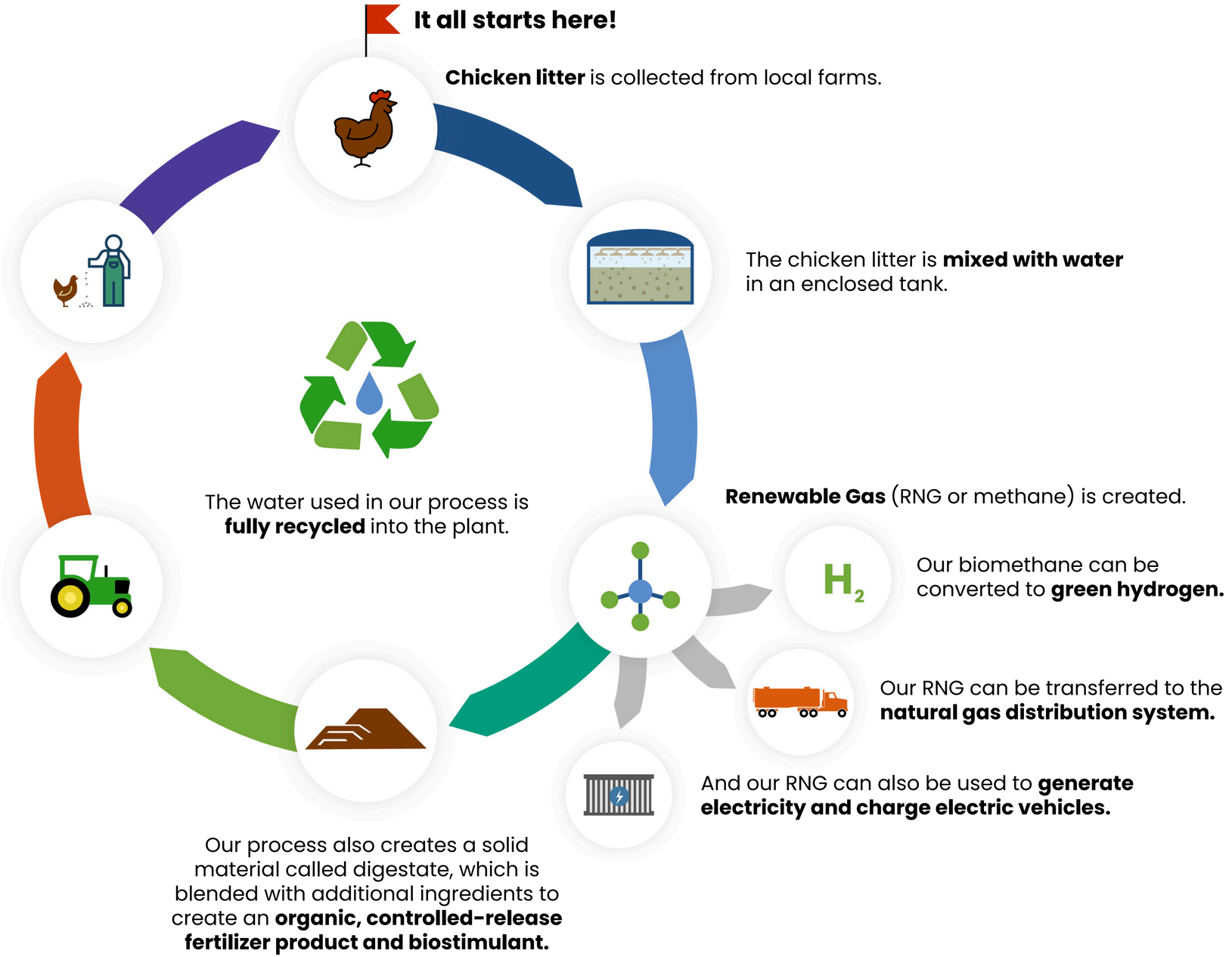
Our Process



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Poultry litter is a superior AD feedstock

	Poultry litter	**Dairy manure**	**Swine manure**	**Municipal solid waste**
Diversification of Supply Sources	High	Low	Low	High
Nutrient Content	~30% moisture content High micro/macro nutrient contents	~93% moisture content Low nutrient contents	~93% moisture content Low nutrient contents	~97% moisture content Lowest nutrient contents
Nutrient Relocation	Highest	Low	Low	High
Transportation	Very economical	Less economical	Less economical	Least economical

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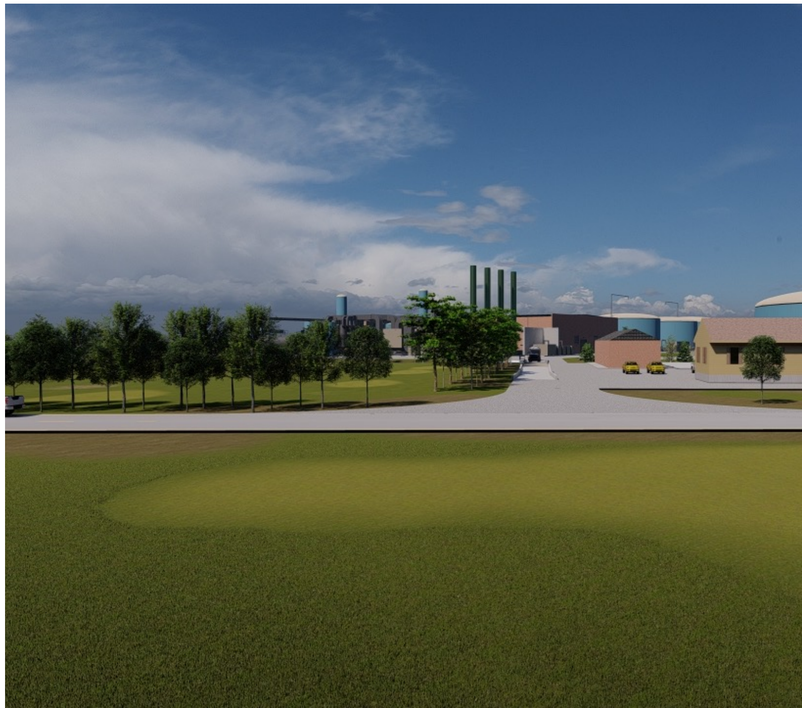
Facility Engineering Renderings



Execution Partners

Kiewit

DAVIS BOWEN & FRIEDEL, INC.

evoqua WATER TECHNOLOGIES

verdantas

bp

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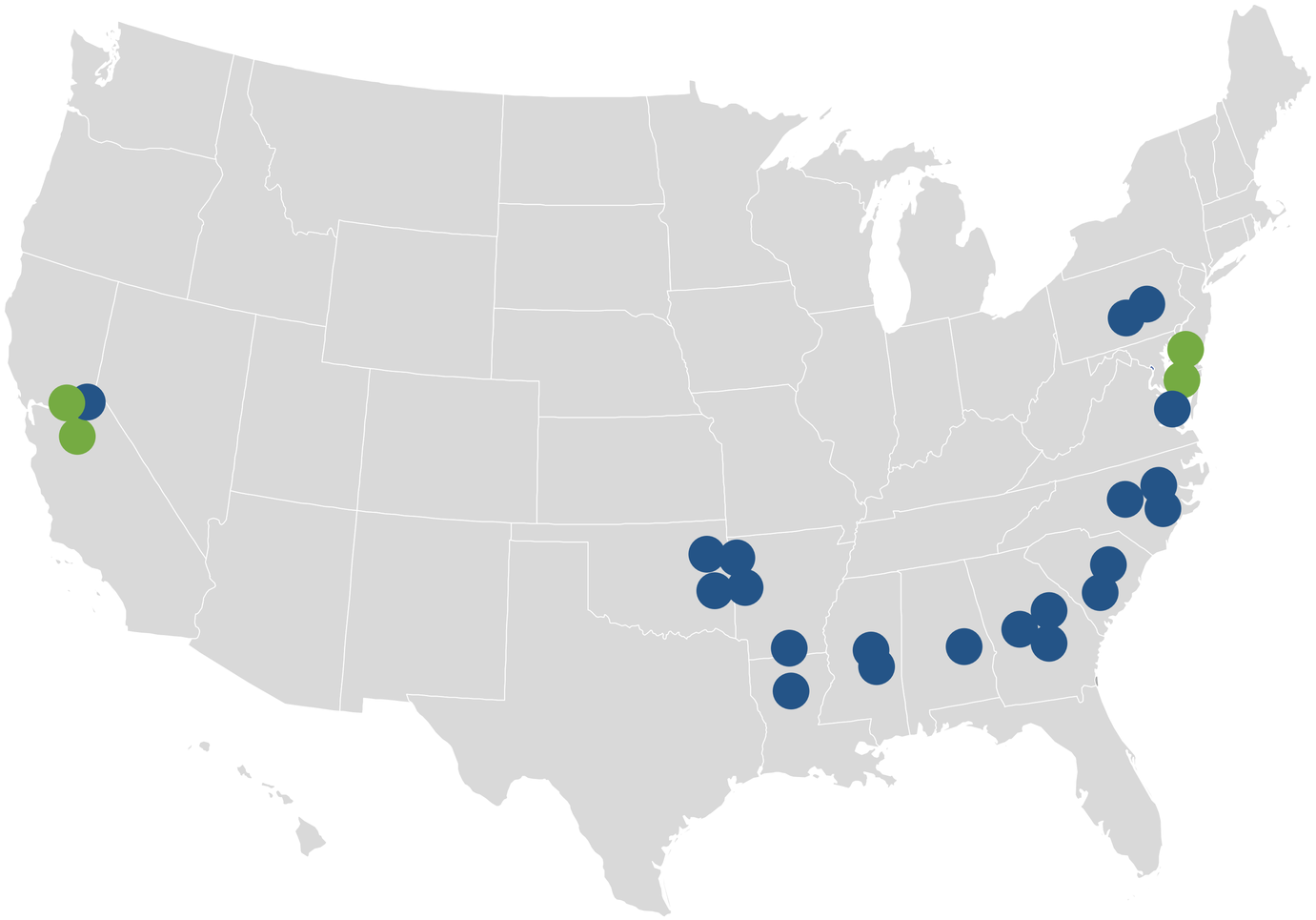
Planned Projects



CleanBay Renewables is currently developing a portfolio of large-scale bioconversion facilities that will process agricultural waste across North America and further afield in due course, typically in groups of three to six. Our facility design is purposely scaled to be large enough to process meaningful quantities of waste, but small enough to fit unobtrusively in the physical landscape of the agricultural sector.

- Initial portfolio of projects in Maryland, Delaware, and California
- Target locations of future projects

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A Truly Sustainable Solution

1. Protecting the environment (air, land, and water)
2. Producing clean energy and reducing GHG emissions
3. Providing an alternative, sustainable use for agricultural byproducts while creating natural controlled-release fertilizer
4. Delivering an economic boost to local communities through job creation and increased local and state tax base

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