

# RENEWABLE ENERGY, HEALTHY SOILS

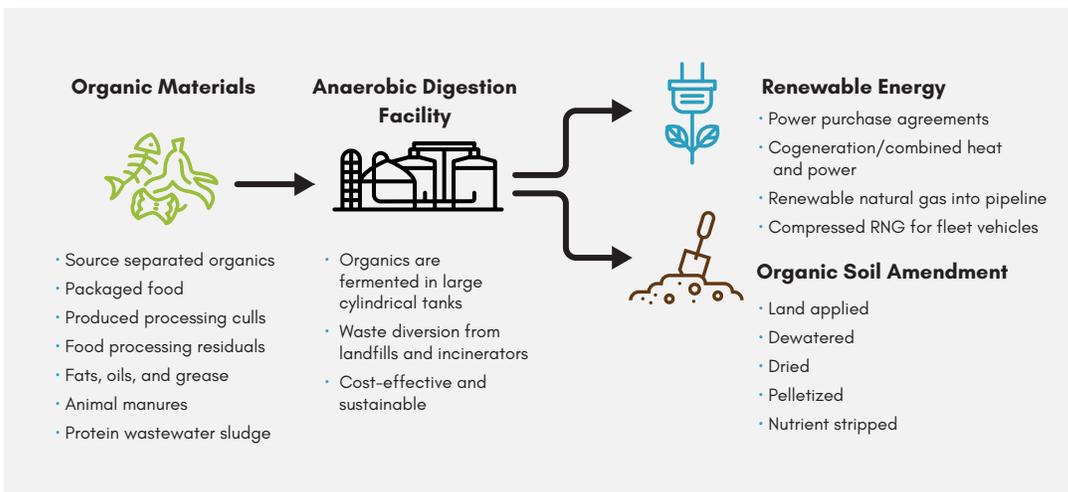
## Who We Are

Bioenergy Devco is a global leader in the design, engineering, construction, financing and operation of advanced anaerobic digestion facilities. With a 20-year track record of using precision technology to insure and guarantee performance at the more than 220 facilities it has developed worldwide, BDC creates a true source of renewable, carbon-negative energy for pipeline and vehicle use.

In recycling organic material into natural gas, BDC creates circular economies in local communities, helping cities and companies achieve decarbonization, zero waste and renewable energy goals, while reducing air and water pollution, and creating healthier soils.

## About Anaerobic Digestion

Anaerobic digestion is a powerful technology that breaks down excess organic materials into renewable natural gas (RNG) and an organic soil amendment. BDC is focused on developing digesters for the emerging markets of processing and recycling excess organics, fats and oils, and agricultural wastes.



**A typical commercial-scale AD facility generates 275,000 MMbtu of energy, the equivalent of:**

- the annual electricity consumption of **6,635** US households
- 1,978,417** gallons of diesel fuel
- 11,870,503** miles of tractor trailer fuel
- 4,240** trips across the US by a tractor trailer



**What's good for the environment is good for business.**



## CONTACT



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## | Our Projects



### Maryland Food Center Authority (MFCA)

- **Location:** Jessup, MD
- **Feedstocks:** 125,000 tons/year of food waste, FOG, and other similar organic wastes
- **Gas Production:** 275,000 MMBtu/year
- **Full Operations:** Q4 2021
- **About:** The MFCA facility is located on the campus of the Maryland Food Center, home to the region's largest food processors and distributors.

### Bioenergy Innovation Center (BIC)

- **Location:** Seaford, DE
- **Feedstocks:** 210,000 tons/year of poultry DAF, waste activated sludge, and litter from Perdue and other waste providers
- **Gas Production:** 410,000 MMBtu/year
- **Full Operations:** Q3 2021
- **About:** The BIC is a state-of-the-art facility dedicated to minimizing environmental impact and enriching the land, while creating new opportunities around the Delmarva peninsula.

### Gainesville

- **Location:** Gainesville, GA
- **Feedstocks:** 110,000 tons/year of shredded food scraps, DAF sludge, and other organics
- **Gas Production:** 170,000 – 260,000 MMBtu/year
- **Full Operations:** Q2 2022
- **About:** Bioenergy Devco's first Southern U.S. project offers a solution to managing the region's excess organics by partnering with Gainesville Waste & Recycling.

## | Why Anaerobic Digestion?

- AD is a sustainable means of managing a variety of organic residuals by recycling it into valuable products instead of landfilling or incinerating.
- AD facilities produce digestate, an organic soil amendment with multiple horticultural beneficial uses. Soils amended with digestate absorb and retain more water, reducing the effects of drought and stormwater.
- The biomethane, or RNG, that is generated at an AD facility can replace natural gas.
- AD facilities are important suppliers of renewable energy, aiding our transition from fossil fuels and making resilient, self-reliant businesses, campuses, and communities.
- Using digestate in landscapes sequesters carbon into soil, thus removing carbon dioxide from our atmosphere and making AD carbon neutral.

## | In The News



**Bioenergy Devco and Chesapeake Utilities Corporation Partner To Bring Renewable Natural Gas to Customers on the Delmarva Peninsula**  
Read More: [bit.ly/bdccucpartnership](http://bit.ly/bdccucpartnership)



**Bioenergy Devco to Purchase Perdue AgriRecycle Organic Soil Composting Facility in Delaware**  
Read More: [bit.ly/bdcperdue](http://bit.ly/bdcperdue)



**Bioenergy Devco Announces \$106 Million Investment From Newlight Partners LP to Grow Anaerobic Digestion Technology Use Throughout North America**  
Read More: [bit.ly/bdcnewlight](http://bit.ly/bdcnewlight)



**Bioenergy Devco Buys BTS Biogas to Expand Anaerobic Digestion Technology Globally**  
Read More: [bit.ly/bdcbtspres](http://bit.ly/bdcbtspres)

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