



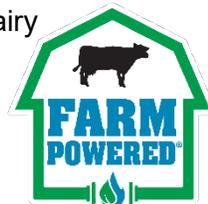
Changing the Way the World Views Waste



About Vanguard Renewables

Vanguard Renewables is a national leader in developing food and dairy waste-to-renewable energy projects. The Company is committed to advancing decarbonization by reducing greenhouse gas emissions from farms and food waste and supporting regenerative agriculture on partner farms. Vanguard co-founded the industry-leading Farm Powered Strategic Alliance (FPSA) alongside food industry leaders Dairy Farmers of America, Unilever, and Starbucks to develop a circular solution for food waste reduction and recycling, and decarbonization of manufacturing and the supply chain. The Company currently owns and operates farm-based anaerobic digesters in the Northeast and plans to commission more than 100 food waste and manure codigestion and manure-only digestion sites nationwide by 2026. Vanguard has established relationships and renewable natural gas offtake agreements with national utilities including Dominion Energy, Enbridge, Eversource, National Grid, ONE Gas, and VGS, which along with a strategic alliance with Dairy Farmers of America, positions the Company to significantly increase U.S. production and delivery of renewable natural gas to commercial and residential customers across the country.

- Founded in 2014
- The U.S. leader in farm-based organics to renewable energy
- Institutionally funded by mission-driven partners seeking to impact climate change
- Farm-based anaerobic digestion company that builds, owns, and operates its projects with two farm-based platforms: food waste and manure to renewable energy and manure-only to renewable energy
- One of the largest organics recyclers in the U.S. with current capacity to process more than 1,000 tons per day of organic waste
- Organics recycling and depackaging capability, including the most advanced Organics Recycling Facility (ORF) in the Northeast and more planned as part of a nationwide expansion
- Strategic partnerships with Dominion Energy and Dairy Farmers of America
- Provides generational dairy farms with long-term manure and nutrient management, reliable methane mitigation, enhanced regenerative agriculture practices, and a diversified income stream
- Works with leading food manufacturers, retailers, and institutions including Unilever, Starbucks, Whole Foods Markets, Polar Beverages, Cabot, and others to recycle inedible food and beverage waste and mitigate greenhouse gas emissions
- Launched the Farm Powered Strategic Alliance in December 2020 with founding members Dairy Farmers of America, Unilever, and Starbucks



Codigestion Organics to Renewable Energy Platform

- Collects and recycles food and beverage waste, combines it with farm manure, and converts it into renewable energy at a Farm Powered® anaerobic digester
- Operates Organics Recycling Facilities to depackage and preprocess organic waste streams including expired goods and off-spec batches
- Committed renewable natural gas (RNG) offtake agreement with national utilities
- Currently operates six farm-based anaerobic digesters in the Northeast

Manure-only to Renewable Energy Platform

- Helps large dairy farms reduce greenhouse gas emissions by capturing methane emissions and producing RNG
- Expansive partnership with Dominion Energy and strategic alliance with Dairy Farmers of America
- Developing manure-only RNG anaerobic digester systems nationwide
- Has sites currently operational in Colorado and Georgia

Farm Powered Strategic Alliance

- Pre-competitive collaboration between national food industry leaders founded by Unilever, Dairy Farmers of America, Starbucks, and Vanguard Renewables
- Additional members include Cabot Creamery, Chobani, Food Tank, Hillebrand, Kikkoman, Polar Beverages, Schreiber Foods, Smithfield Foods, and Stonyfield Organic
- Alliance members are committed to pursuing the capture of food waste inherent in the farming, manufacturing, and sale of food and beverage products and are committed to recycling that waste via Farm Powered anaerobic digestion
- Members commit to renewable energy and have the potential to procure RNG produced by Vanguard's farm-based facilities for a circular waste recycling solution

Recent Awards

- 2021 U.S. Dairy Innovation Center Outstanding Dairy Farm Sustainability Award – Goodrich Family Farm, Salisbury, Vermont
- 2021 Fast Company World Changing Ideas Finalist – Farm Powered Strategic Alliance
- 2021 Environment and Energy Leader E+E 100 Honoree – John Hanselman, Chief Strategy Officer
- 2020 Energy Vision Leadership Award – Vanguard Renewables
- 2019 American Biogas Council Up-and-Coming Award – Goodrich Family Farm, Salisbury, Vermont
- 2019 American Biogas Council Longevity Award – Jordan Dairy Farm, Rutland, Massachusetts
- 2018 National Waste and Recycling Association Organics Recycler of the Year – Vanguard Renewables

Executive Leadership

- Neil H. Smith, Chief Executive Officer
- Marc Stewart, Chief Financial Officer
- John Hanselman, Chief Strategy Officer
- Kevin Chase, Chief Development Officer

Media Contact

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