



GREENFIELD
GLOBAL

Sustainability is core to our company mission

Greenfield's renewable ethanol lowers the carbon footprint of industry to meet net-zero targets



Waste Not, Want Not in Chatham, Ontario

- **Waste heat** from Greenfield's Chatham, Ontario plant is **used to heat Truly Green tomato greenhouse**.
- Representing the energy equivalent to heating 1,000 homes, this reduces the greenhouse's need to burn fuel for heat.
- Additionally, **55,000 tons of carbon dioxide from our production are captured** and used by Linde/Praxair and Truly Green to boost plant yields instead of being released back in the atmosphere.



Growing Green with Farmers

- We are proud to source local, sustainable corn.
- Greenfield's Agribusiness team **works with 300+ growers to purchase sustainable corn**.
- We believe in working closely with farmers to ensure climate-friendly practices like innovations in farming equipment, biotechnology, and modern farming methods are recognized.



Net-Zero Leader in Portlaoise, Ireland

- **Greenfield's Portlaoise facility is the First "NZEB" (Near Zero Emissions Building) in Ireland** – and one of the first in Europe.
- Commissioned in 2022, the goal is that our facility will contribute less overall greenhouse gas to the atmosphere during operations than traditional facilities.



Shrinking our Carbon Footprint

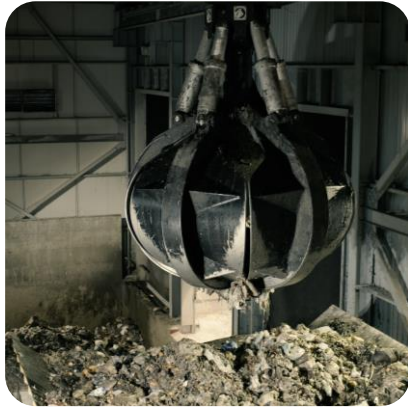
- At Greenfield, we not only produce low-carbon fuels and products, but we also work to reduce our own greenhouse gas emissions.
- Operating since 1989, we have **reduced CO2 emissions at our Tiverton plant by 53%** due to equipment enhancements and working closely with Bruce Power, a nearby nuclear power plant.
- At our Winnebago, Minnesota plant, two **wind turbines & carbon sequestration** will begin in 2025.



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Our dedicated researchers and engineers never stop innovating our business practices and products



Municipal Waste to Energy

- Greenfield operates **one of the largest anaerobic digestion plants in North America** in Varennes, Québec.
- The facility converts organic waste into renewable natural gas (RNG) to reduce carbon emissions, improve air quality, and generate revenue from waste.
- **120,000 tons of organic waste is diverted from area landfills annually.**
- The RNG produced can **heat up over 11,000 homes and captures 40,000 tons of CO2**, the equivalent of removing about 19,000 cars off the road for one year.
- It also produces **organic fertilizer for 12,000 acres of farmland.**



Sustainable Logistics & Supply Chains

- At every turn, we work to minimize the direct environmental impacts of our logistics and supply chain processes, including emissions and waste.
- We work closely with customers to encourage rail shipping in lieu of truck delivery when possible.
- In 2022, Greenfield **shipped over 780 tank rail cars, the equivalent of taking over 3,400 transport trucks off the highways.**



Biofuels by Land, Sea & Air

- Greenfield is **engaged in 5 industry-leading green energy projects** in partnership with some of the largest energy, shipping and trading companies in the world. Commercial production is expected in 2026.
- The renewable fuels projects span **Green Hydrogen, Green Methanol, RNG, and Sustainable Aviation Fuel.**
- We are also developing an **anaerobic digestion plant in Ontario**, further reducing Greenfield's carbon footprint while producing renewable natural gas for pipeline injection.



From R&D to Reality

- Greenfield Global and the University of Alberta is creating a **clean technology that will convert agricultural waste into renewable diesel fuel.**
- This has the potential of **reducing emissions in agricultural and transportation sectors by up to 90%** compared to fossil-based diesel fuel.
- Additional benefits include being feedstock agnostic, using a spoke-and-hub approach to feedstock collection, and the refining of biocrude into renewable diesel.