

MAPLE LEAF FOODS ENVIRONMENTAL PROJECT INVESTMENTS

ST. LEON WIND ENERGY

Location: Manitoba, Canada
Technology Type: Wind
Certification: Green-e

Key Details: The St. Leon Wind Energy Project is a 120.5 MW wind project, one of the largest in the province, located approximately 150 kilometres southwest of Winnipeg near the town of St. Leon and Swan Lake First Nation in Manitoba.

ST. JOSEPH WIND ENERGY

Location: Manitoba, Canada
Technology Type: Wind
Certification: Green-e

Key Details: The St. Joseph Wind project is a 138 MW wind project located near St. Joseph, Manitoba just north of the US border. St. Joseph wind is the largest wind project in the province and has been operational since 2010.

BRADY WIND I

Location: North Dakota, USA
Technology Type: Wind
Certification: Green-e

Key Details: Brady I is a 150 MW wind farm sponsored by Next Era Energy, the largest renewable energy developer in North America.

UNIVERSITY ENERGY EFFICIENCY & RENEWABLE ENERGY PROJECTS

Location: Indiana, USA
Technology Type: Energy Efficiency & Renewables
Certification: Verified Carbon Standard

Key Details: Ball State University in Indiana has pioneered the use of VCS's methodology designed specifically for higher education. The projects have spurred innovation and encouraged uptake of energy efficiency and renewable energy through the communities surrounding the university. The campus reinvests all revenue from carbon credit sales into further emissions reductions projects on campus, accelerating its progress towards carbon neutrality. Ball State University is part of the Climate Leadership Network, committing to incorporating sustainability and climate action into its curriculums.





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AIM ENVIRONMENTAL WASTE DIVERSION PROJECT

Location: Ontario, Canada
Technology Type: Composting
Certification: CSA Group

Key Details: The Hamilton Central Composting Facility processes source-separated organics (SSO) in an in-vessel composting system. AIM focuses on converting organic residues from three municipal collection sites to quality compost product. The project reduces the burden on local landfills and raises the bar for industry by providing a sustainable methodology to divert organic waste away from an anaerobic site, avoiding methane production.

MASSACHUSETTS TRI-CITY FORESTRY

Location: Massachusetts, USA
Technology Type: Forestry
Certification: American Carbon Registry

Key Details: Three cities in Massachusetts (Holyoke, Westfield and West Springfield) have launched a joint Improved Forest Management project on 17,000 acres of public forestland in central Massachusetts. (All within approx. 50 miles of Lightlife Foods in Turner Falls). These cities are challenged financially and are under pressure to generate increased revenue from their forests – this project enables them to do so without resorting to more aggressive timber harvesting. The forest management practices of the Tri-City project provide a critical habitat for many mammals, birds, and plants.

CARBON NEUTRAL TECHNOLOGY PROJECT

Location: Ontario, Canada
Technology: Waste management
Certification: CSA Group

Key Details: This project's program refurbishes end-of-first-life IT assets, which reduces emissions associated with the manufacturing of new IT equipment. The product of electronic devices and office equipment involves a variety of processes that release GHGs, and used assets are typically disposed of in ways that add to the net emissions of the products. Without this project, this disposal of these assets would create GHGs during decomposition.





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HFC EMISSIONS REDUCTION

Location: Ontario, Canada
Technology: HFC Replacement
Certification: American Carbon Registry

Key Details: The HFC Emissions Reduction project uses a foam blowing agent that has a 99% lower Global Warming Potential (GWP) than previous agents, which encourages more resilient and sustainable production processes. All polyurethane foam requires the use of blowing agents (BA) in its manufacture and application. The BA is associated with GHG emissions from manufacturing until end-of-life, so the switch to a more environmentally-sound agent decreases the emissions for the product. As a result, this project generally reduces emissions by 25,000-65,000 MT of CO₂.

MAPLE HILL LANDFILL GAS

Location: Missouri, USA
Technology: Landfill Gas
Certification: Climate Action Reserve

Key Details: The Maple Hill Landfill Gas project is located in Macon, Missouri in the United States. The landfill gas collected through the various processes of the project is destroyed in the end at an open flame, therefore reducing GHG emissions.

ROCHELLE MUNICIPAL LANDFILL GAS

Location: Illinois, USA
Technology: Landfill Gas
Certification: Climate Action Reserve

Key Details: The Rochelle Municipal Landfill Gas project voluntarily captures and destroys methane from the landfill through a combination of gas wells, conveyance piping and condensate removal equipment. This combined process destroys the gas at either an open flare or an energy generation facility.





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VAN STEYN DAIRY DIGESTER

Location: California, USA
Technology: Livestock
Certification: Climate Action Reserve

Key Details: This project is located on a California dairy farm that uses a flush system to collect manure from livestock stalls and transports it to an anaerobic digester. This digester then converts the gas to electricity through this process, reducing emissions. The project collects the waste from 650 cows on the dairy farm.

FOAM BLOWING AGENT PROJECT

Location: Virginia, USA
Technology: HFC Replacement
Certification: American Carbon Registry

Key Details: This foam blowing agent project is in Winchester, Virginia and has been operational since 2018. The project consists of transitioning to a blowing agent (BA) with a lower Global Warmer Potential (GWP) that what was previously used during manufacturing processes, which results in GHG emissions reductions.

