

Ontario Anaerobic Digester and Biogas Plant Receives \$18.8M Investment

The investment from Natural Resources Canada will support the expansion of the London Anaerobic Digester and Biogas Plant.



Canada's Minister of Energy and Natural Resources, Tim Hodgson, joined local officials and Generate Upcycle leadership in announcing an \$18.79 million investment from Natural Resources Canada (NRCan) to support the expansion of the London Anaerobic Digester and Biogas Plant.

The loan was provided through NRCan's Clean Fuels Fund as part of a \$1.5 billion five-year plan to support building or expanding clean fuel production facilities to meet Canada's goal of achieving net-zero emissions by 2050, Generate Upcycle says.

The London, Ontario-based digester is the largest food waste anaerobic digestion facility in Canada that produces renewable natural gas (RNG) from municipal source-separated organics and industrial, commercial and institutional food and beverage waste.

Generate says the NRCan loan supports a 4-year, \$70 million expansion to add capacity to process waste and generate renewable energy.

"Canada is building the energy systems of the future, and the clean energy that will allow us to enjoy a prosperous, zero-emissions economy by 2050," Hodgson says. "By supporting

projects like Generate Upcycle's RNG facility, we are leveraging homegrown innovation and existing resources into reliable, low-carbon energy while growing domestic clean fuel production and creating jobs—a win-win-win. This is about unlocking the full potential of London and all of Canada and building the country into an energy superpower that benefits every Canadian.”

The first phase of the project, completed in spring 2024, expanded the biogas upgrading system and tripled the facility's RNG production capacity, the company says.

The second phase is currently underway and includes the expansion of the feedstock receiving and anaerobic digestion infrastructure. This phase is expected to be completed in early 2027.

Once construction is complete, Generate Upcycle says the facility will have the capacity to produce up to 832,000 gigajoules of RNG, the annual equivalent of heating more than 9,400 Canadian homes.

“NRCan's investment demonstrates confidence in the role renewable natural gas can play in strengthening Canada's clean energy future,” says Generate Upcycle President Bill Caesar. “Public-private partnerships are essential to scaling the future of this type of clean energy infrastructure which require significant upfront investment. The CFF is helping us demonstrate to investors that these solutions are ready to scale across Canada.”