

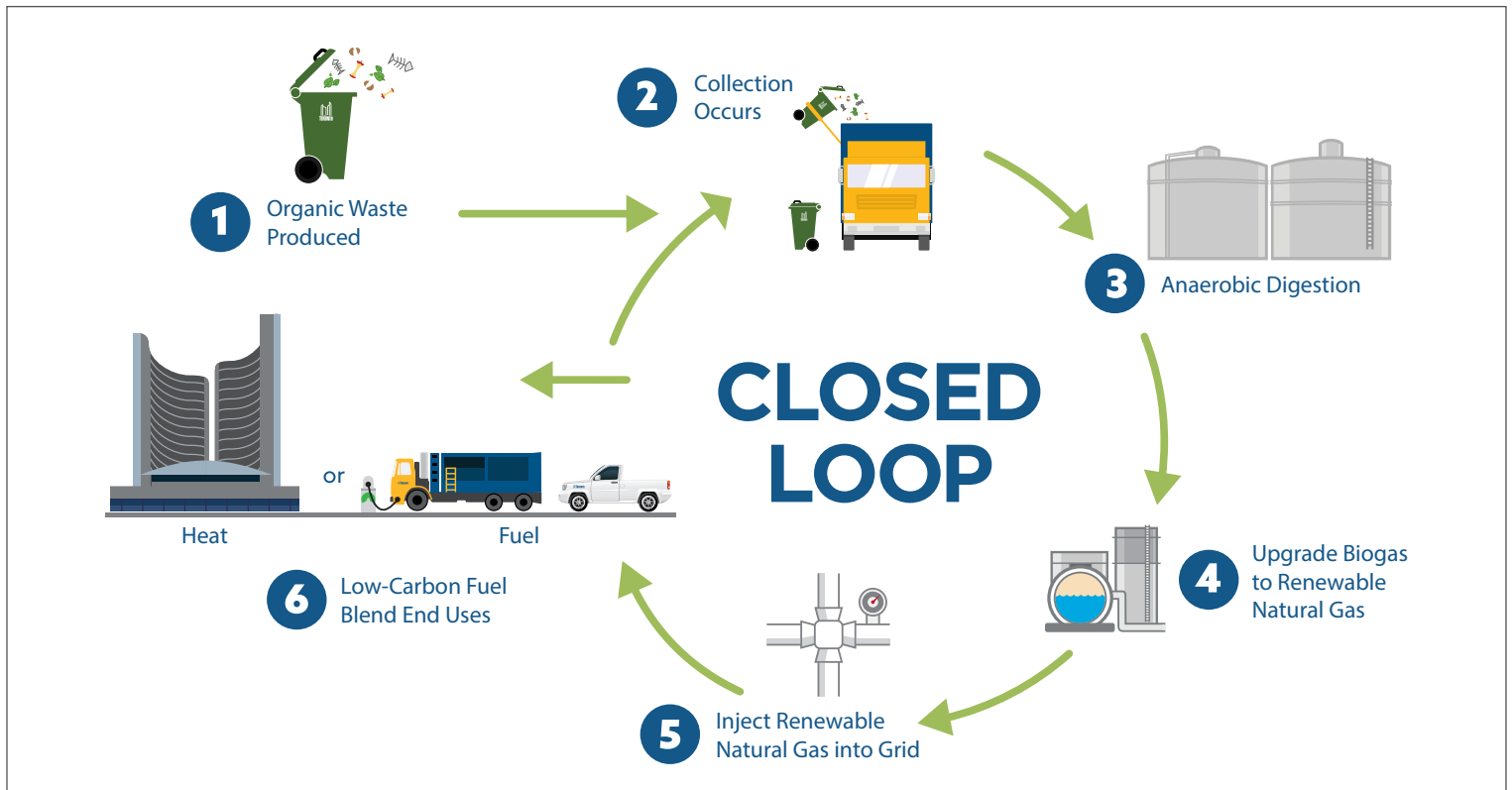
August 2022

# Renewable Natural Gas Project Disco Road Organics Processing Facility

The City of Toronto, in collaboration with Enbridge Gas, will begin installing new biogas upgrading equipment at the Disco Road Organics Processing Facility in 2022. The new technology will allow the City and Enbridge Gas to transform the biogas produced from processing Toronto’s Green Bin organic waste into renewable natural gas (RNG), and inject that gas into the natural gas grid. Once in the grid, the RNG will be blended with the natural gas that the City buys to create a fuel blend that will be used to power City vehicles and heat City-owned facilities, allowing for greenhouse gas emission reductions across the organization.

This project is one of the first of its kind in Canada and will allow the city to leverage a renewable source of green energy. An estimated 75,000 tonnes of organic waste will be digested per year, which will produce approximately 7.3 million cubic metres of biogas. In turn, Enbridge Gas will be able to produce an estimated output of 4.6 million cubic metres of RNG per year on behalf of the City, or 540 cubic metres per hour.

The project supports the City of Toronto’s TransformTO Net Zero Strategy and its move toward a circular economy, and uses a closed-loop approach where organic waste collection trucks can ultimately be powered by the waste products they collect.



> Circular model showing how waste can be used to create green energy.

**Construction and commissioning of the RNG facility**

Construction on the project is scheduled to begin in fall 2022 and is not expected to impact organic waste processing operations at the Disco Road Transfer Station. The project will involve construction and operation of a biomethane upgrading system (BMS) and an injection station. The BMS will remove impurities from the biogas to upgrade it into RNG. The injection station will monitor the volume and quality of the RNG, and regulate the pressure of the RNG before it is added into the local natural gas distribution pipeline. The City and Enbridge Gas intend to commission the facility and begin operation by the end of 2023.



**Environmental approvals**

The City of Toronto and Enbridge Gas have applied to the Ministry of Environment, Conservation and Parks to obtain the required Environmental Compliance Approvals (ECAs) for the RNG system. Enbridge Gas will obtain new ECAs for the RNG system and the City will amend its current ECAs (A280303 and 2761-B7KP7A) to reflect the addition of the Disco Road RNG Project to the existing Disco Road Transfer Station site.

**Traffic and odour**

There will be no changes in truck traffic to/from the site resulting from the operation of the RNG system. The RNG project is not anticipated to contribute to odours from the site.

**More information**

Please contact us with any questions or comments about this project or its environmental approvals. Any concerns or objections must be provided within 15 days of receipt of this notice.

<b>Project managers</b>	<b>Enbridge Gas</b> Rohan Service 416-495-5356 <a href="mailto:rohan.service@enbridge.com">rohan.service@enbridge.com</a> Energy Transition Services	<b>City of Toronto</b> Shelby Fallis 416-892-7990 <a href="mailto:shelby.fallis@toronto.ca">shelby.fallis@toronto.ca</a> Solid Waste Management Services
<b>TTY hearing impaired service</b>	416-338-0889 (7 days a week, 8 a.m. – 5 p.m., closed holidays)	
<b>General or odour-related inquiries</b>	311	
<b>Websites for more information</b>	<ul style="list-style-type: none"> <li><a href="http://enbridgegas.com/rng">enbridgegas.com/rng</a></li> <li><a href="http://toronto.ca/renewable-natural-gas">toronto.ca/renewable-natural-gas</a></li> </ul>	
<b>Ontario Ministry of the Environment, Conservation and Parks</b>	Attn: EPA Part V Director Ontario Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West Toronto, Ontario M4V 1P5 <a href="mailto:wasteproposalcomments@ontario.ca">wasteproposalcomments@ontario.ca</a>	