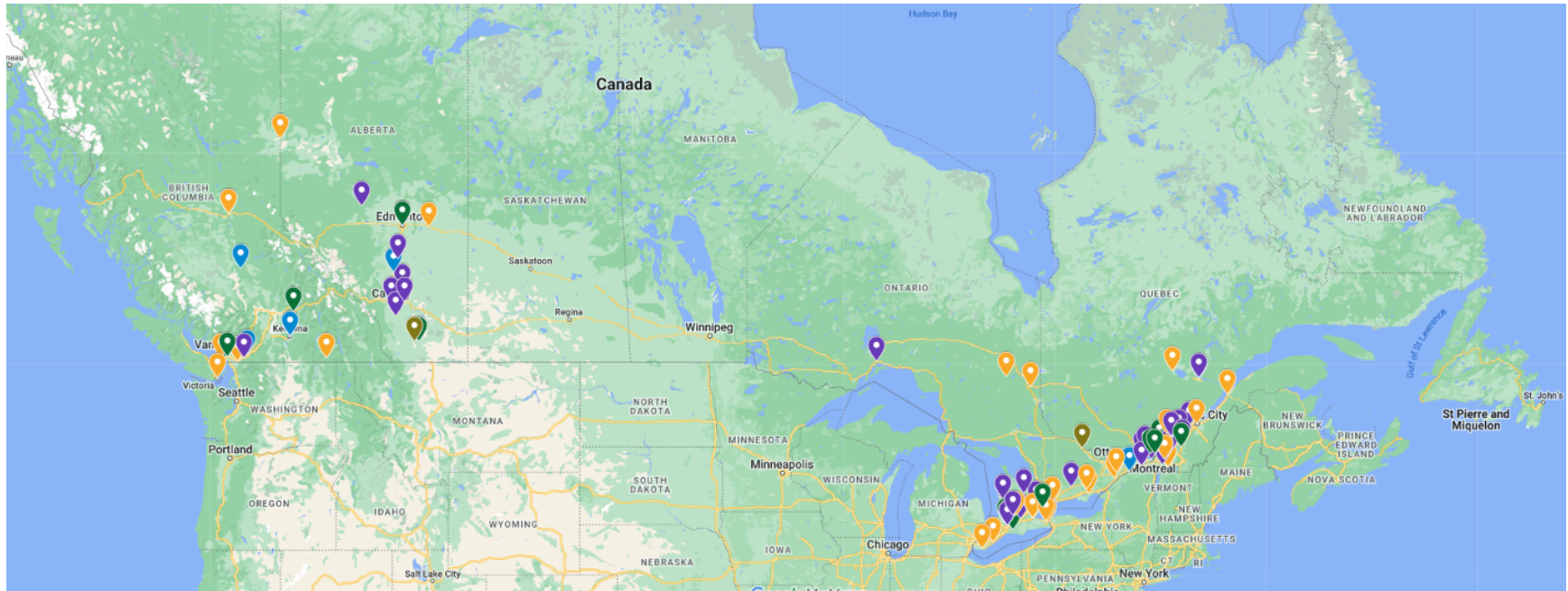


## RNG Facilities in Canada



- Canadian RNG Facility Status
- Substantial Development
- Under Construction
- Online
- Proposed
- Online, RNG in under construction

Interactive map is available at [CA RNG Projects](#)

City	Province	Project Name	System Type	Comments	Biogas Usage	Status	Upgrading type	Upgrading technology	Date
Acme	AB	Korova Feeders Ltd.	Agriculture		RNG	Substantial Development	Not available	Not available	
Aldersyde	AB	Catapult Environmental Inc. (previously Highwood Orga	Agriculture/Commercial/SSO		RNG	Substantial Development	Not available	Not available	
Calgary	AB	Future Energy Park	Agriculture/Commercial	Over 1.2 billion in capital investme	RNG/Biofuel	Substantial Development	Not available	Not available	2025
Coaldale	AB	GrowTEC	Agriculture/SSO/MSW	Selling RNG to FortisBC, 67% acqui	RNG	Online	Not available	Not available	2022
Edmonton	AB	Clover Bar Landfill Gas	Landfill	2 MW	RNG/CHP	Online, RNG in under constructio	Not available	Not available	2005, 2024
Edmonton	AB	G4 Insights - ATCO - Pilot project (PyroCatalytic Hydrogenation (PCH))	Woody Biomass		2nd gen RNG	Online	Not available	Not available	2019
Edmonton	AB	Gold Bar - Epor	WWTP	Selling RNG to FortisBC	RNG	Online	Not available	Not available	2021
High River	AB	High River RNG Facility	Agriculture		RNG	Substantial Development	Not available	Not available	2024
Innisfail	AB	Innisfail Waste-to-Energy Project	Commercial/SSO		Syngas	Proposed	Not available	Not available	
Lacombe	AB	Lacombe Biorefinery	Agriculture		2nd gen RNG	Substantial Development	Not available	Not available	2022
Lethbridge	AB	Lethbridge Biogas	Agriculture	Selling RNG to FortisBC,	RNG/CHP	Online, RNG in under constructio	ETW	PSA	2021
Strathmore	AB	Ardenode RNG Project	Agriculture		RNG	Substantial Development	Not available	Not available	2025
Vegreville	AB	Two Hills RNG Facility	Agriculture/SSO		RNG	Under Construction	Not available	Not available	2022
Whitcourt	AB	Millar Western Forest Products Ltd.	Industrial		RNG	Substantial Development	Not available	Not available	
Abbotsford	BC	Fraser Valley Biogas	Agriculture	Selling RNG to FortisBC	RNG - expansion project	Online	water adsorption	Greenlane	2023
Abbotsford	BC	Net Zero Waste Project	Commercial/SSO	Selling RNG to FortisBC	RNG	Under Construction	Not available	Not available	2022
Agassiz	BC	Seabird Island RNG	SSO		RNG	Proposed	Not available	Not available	
Chilliwack	BC	Dicklands Farms	Agriculture	Selling RNG to FortisBC	RNG/heat	Substantial Development	Not available	Not available	2023
Clayhurst	BC	Horseshoe Valley Ranch	Agriculture	Dry Digestion, selling RNG to Fortis	RNG	Under Construction	Not available	Not available	2023
Delta	BC	City of Vancouver Landfill	Landfill	the 2020 project captures ~73% of gas. Fall 2021 gov't announced new investments to capture remaining. Selling RNG to FortisBC	RNG/heat	Online	Membrane	DMT	2020
Delta	BC	Seabreeze Farm	Agriculture	Selling RNG to FortisBC	RNG/heat	Online	water adsorption	Greenlane	2015
Fruitvale	BC	REN Energy (phase 1)	Industrial/Woody Biomass	wood waste, selling RNG to FortisB	2nd gen RNG	Under Construction	Not available	Not available	2023
Kelowna	BC	Glenmore	Landfill	Selling RNG to FortisBC	RNG/heat	Online	PSA	ARC technologies	2014
Kelowna	BC	North Kelowna Landfill	Landfill		RNG	Proposed	Not available	Not available	2025
Prince George	BC	Lansdowne Wastewater Treatment Plant	WWTP	selling gas to FortisBC	RNG	Substantial Development	Not available	Not available	
Prince George	BC	Foothills Boulevard Regional Landfill	Landfill	selling gas to FortisBC	RNG	Under Construction	Not available	Not available	2024
Richmond	BC	Lulu Island	WWTP	Selling RNG to FortisBC	RNG/heat	Under Construction	water adsorption	Greenlane	2021
Salmon Arm	BC	Columbia Shuswap Regional District Landfill	Landfill	Selling RNG to FortisBC	RNG/heat	Online	PSA	Xebec	2013
Surrey	BC	Surrey Biofuel Facility, Orgaworld	SSO	Selling RNG to FortisBC	RNG	Online	water adsorption+PSA	Greenlane/Sysadavnce	2016
Victoria	BC	Hartland	Landfill	Selling RNG to Fortis	RNG	Under Construction	Cryo	Waga	2024
Williams Lake	BC	Williams Lake	Woody Biomass		2nd gen RNG	Proposed	Not available	Not available	NA
Augusta	ON	Waste Disposal Site	Commercial		RNG	Under Construction	Not available	Not available	
Aylmer	ON	Walker Dairy	Agriculture	Selling RNG to FortisBC	RNG	Online	Membrane	AB Energy	2021
Blenheim	ON	Ridge Landfill Chatham-Kent	Landfill	receives approx. 103,760 t/y food	RNG	Under Construction	Not available	Not available	2023
Brampton	ON	Anaerobic Digestion Facility Project	SSO		RNG	Substantial Development	Not available	Not available	2024
Bruce-Huron	ON	Farm project, part of Project Radius	Agriculture		RNG	Substantial Development	Not available	Not available	
Cornwall	ON	City of Cornwall project	WWTP/SSO		RNG	Proposed	Not available	Not available	
Drumbo	ON	Drumbo	SSO		RNG	Substantial Development	Not available	Not available	
Dundalk (Southga	ON	Mattawa Renewable Power Corp.	Agriculture/Commercial/SSO		RNG	Substantial Development	Not available	Not available	
Hamilton	ON	Woodward Avenue WWTP	WWTP		RNG/heat	Online	water adsorption	Greenlane	2011
Hamilton	ON	Hamilton Transfer Station	Commercial/SSO	Selling RNG to FortisBC	RNG	Under Construction	Not available	Not available	2023
Havelock	ON	Kawartha Biogas	Commercial		RNG	Substantial Development	Not available	Not available	NA
Ilderton	ON	Stanton Bros. Ltd	Agriculture	Injecting gas to Enbridge grid	RNG	Online	Membrane	DMT	2022
Kirkland Lake	ON	CHAR Technologies Facility	Agriculture	Produces 500,000 GJ/yr RNG and 10,00 tonnes CHAR's proprietary Cleanfyre biocoal	RNG	Under Construction	Not available	Not available	
Lemington	ON	Seacliff Energy Expansion	ICI	permitted capacity of 110,000 tonnes/year SSO, ICI and liquid waste	RNG	Under Construction	Not available	Not available	
London	ON	London Dairy AD Project	Agriculture	Currently has proposal to expand <a href="https://ero.ontario.ca/notice/019-6303">https://ero.ontario.ca/notice/019-6303</a>	RNG	Under Construction	PSA	Xebec	2022
London	ON	Storm Fisher (Previously Harvest Power)	Commercial	estimated total feedstock of 195,0	RNG	Online	Membrane	Hitachi	2019
London	ON	Green Shields Energy Facility	SSO/plastics	Selling RNG to FortisBC	P2G/RNG	Substantial Development	not applicable	not applicable	2022
Napanee	ON	Bradam Napanee	Carbon Energy Recovery	Selling RNG to FortisBC	RNG	Under Construction	Not available	Not available	2023
Niagara Falls	ON	Tidal Niagara	Landfill	Selling RNG to FortisBC	RNG	Under Construction	Not available	Not available	2022
Nipigon	ON	Nipigon/Greenstone Mill	Woody Biomass		RNG	Substantial Development	Not available	Not available	
Oshawa	ON	Northwood Transfer Station	Commercial	processes 200,000 tonnes annuall	RNG	Under Construction	Not available	Not available	2025

City	Province	Project Name	System Type	Comments	Biogas Usage	Status	Upgrading type	Upgrading technology	Date
Petawawa	ON	Petawawa Water Pollution Control Plant	WWTP	Anaerobia upgrading facilities for R	RNG/CHP	Online, RNG in under construction	Not available	Not available	
Roblin	ON	Napanee Transfer Station	Commercial/SSO		RNG	Under Construction	Not available	Not available	
Shakespeare	ON	Faromor CNG Corp.	Agriculture	Selling RNG to FortisBC	RNG	Under Construction	Not available	Not available	
South Mountain	ON	Thurlet Farms	Agriculture		RNG	Under Construction	Not available	Not available	
Stratford	ON	OCWA-Suez-Stratford RNG project	WWTP/SSO		2nd gen RNG	Substantial Development	Not available	Not available	NA
Thorold	ON	Thorold Renewable Natural Gas & Biocarbon Project	Commercial	Pyrolysis system	RNG	Under Construction	HTP	CHAR	2024
Timmins	ON	Timmins WWTP+SSO	WWTP/SSO		RNG	Under Construction	Not available	Not available	
Toronto	ON	Dufferin Organics Processing Facility	SSO	estimated total feedstock of 30,000	RNG	Online	PSA	Xebec	2021
	ON	Gerdau Steel-True Energy (Methane+Hydrogen)	plastics		P2G	Substantial Development	not applicable	not applicable	NA
Ange-Gardien	QC	Projet Ange-Gardien	Agriculture		RNG	Substantial Development	Not available	Not available	2024
Berthierville	QC	EBI - Rive Nord	Landfill		RNG	Online	Membrane	Honeywell	2003
Cadiac	QC	ADM (Archer Daniels Midland)-Agri-Industrie	Agriculture		RNG	Online	PSA	Guild	2022
Chicoutimi	QC	GFL Environmental Inc (before Matrec)	Landfill		RNG	Proposed	Cryo	Waga	2022
Cowansville	QC	Cowansville	Commercial		RNG	Under Construction	PSA	Xebec	2022
	QC	Régie intermunicipales de gestion des matières résiduelles de Brome-Misissquoi	Landfill		RNG	Under Construction	Cryo	Waga	2022
Duvernay Est.	QC	Usine de traitement des eaux usées La Pinière	WWTP		RNG	Substantial Development	Not available	Not available	2024
Farham	QC	Nature Energy	Agriculture		RNG	Substantial Development	Not available	Not available	2024
La Salle	QC	Centre de traitement des matières organiques (CTMO) SUD : Centre de biométhanisation	SSO		RNG	Substantial Development	Not available	Not available	2025
Lachine	QC	Confidential	Agriculture		RNG	Proposed	Not available	Not available	NA
Laval	QC	Station La Pinière	SSO		RNG	Substantial Development	Not available	Not available	2023
Mirabel	QC	Confidential	Agriculture		RNG	Substantial Development	Not available	Not available	2024
Montreal	QC	CTMO EST	SSO		RNG	Substantial Development	Not available	Not available	2022
Montreal	QC	Montreal Organic Waste Treatment Centre	Landfill		RNG	Substantial Development	Membrane	Methanis Membrane System	
Neuveville	QC	Carbonaxion Bioénergies inc. (anciennement LET Neuville)	Landfill		RNG	Substantial Development	Membrane	Pyro Green-Gas	2023
Quebec city	QC	CBAQ	SSO		RNG	Under Construction	water adsorption	Greenlane	2022
Rivieres-du-Loup	QC	SEMER	SSO		RNG	Under Construction	Chemical Adsorption	Not available	2022
Saguenay	QC	Agri-méthane Saguenay	Agriculture		RNG	Substantial Development	Not available	Not available	2024
Sainte-Sophie	QC	Waste Management	Landfill	\$150,000,000 Invested by WM, facility will process 50,000 tonnes of organic matter	RNG	Substantial Development	Not available	Not available	2023
Saint-Felicien	QC	Centre de Valorisation de la Biomasse du Domaine-du-Roy	Woody Biomass	High temperature pyrolysis (HTP)	RNG	Under Construction	HTP		2023
Saint-Hyacinthe	QC	St.-Hyacinthe	SSO		RNG	Online	water adsorption	Greenlane	2017
Saint-Nazaire d'A	QC	Centre d'Interprétation et de Valorisation des Résidus Agricoles (CIRVA)	Agriculture		RNG	Substantial Development	Not available	Not available	NA
Saint-Pie	QC	Qarbocycle	SSO		RNG	Substantial Development	Not available	Not available	2023
Saint-Pie	QC	CTBM	SSO		RNG	Under Construction	PSA	Xebec	2022
Salaberry-de-Vall	QC	Energie Forma+ Project	SSO/MSW		RNG	Substantial Development	Not available	Not available	
Ste-Étienne des G	QC	Ste-Étienne des grès Landfill	Landfill		RNG	Under Construction	Cryo	Waga	2022
Ste-Sophie-de-Le	QC	Groupe Bioénertek inc.	Agriculture		RNG	Substantial Development	Not available	Not available	2023
Terrebonne	QC	Vision Enviro Progressive (before BFI Usine de triage Lachenaie)	Landfill		RNG	Online	water adsorption	Greenlane	2014
Trois-Rivières	QC	Enercycle	SSO		RNG	Substantial Development	Not available	Not available	NA
Varenes	QC	SEMECS	SSO	Expansion to the existing facilities announced which include 3 new digesters and an Energir gas transfer platform	RNG	Online	PSA	Xebec	2022
Victoriaville	QC	Coopérative de solidarité Carbone	Agriculture		RNG	Substantial Development	Not available	Not available	2023
Warwick	QC	COOP Agri-Energie	Agriculture		RNG	Online	Membrane	AirScience (Pyro-Green gas)	2021