



PRESS RELEASE

Waga Energy's landfill biogas recovery technology gains popularity in Canada with second installation contract

Quebec, Canada, 17 June 2021 - Waga Energy has secured a contract with the Brome-Missisquoi Intermunicipal Waste Management Board (RIGMRBM) to produce biomethane (Renewable Natural Gas) at the Cowansville landfill site in Québec. This is the second contract in Canada for Waga Energy, which was selected earlier this year by Enercycle to equip the Saint-Étienne-des-Grès landfill (Québec).

Waga Energy, leader in the recovery and transformation of gas generated by waste in the form of biomethane, is accelerating the deployment of the WAGABOX® solution in Canada, with the closing of a contract with the Intermunicipal board for the management of residual materials in Brome-Missisquoi (RIGMRBM) to equip its Cowansville landfill.

Waga Energy will build a WAGABOX® purification unit onsite to transform the landfill gas into biomethane, a renewable substitute for natural gas (also known as “renewable natural gas”), which will then be injected directly into the gas grid of Énergir. Until now, the gas produced by the waste was flared to prevent direct emissions of methane into the atmosphere. The WAGABOX® unit in Cowansville will be commissioned at the start of 2023.

The Cowansville landfill site treats 75,000 tonnes of waste per year. Designed to recover 1,000 m³ /h of gas, the WAGABOX® unit will produce 30 GWh of biomethane per year and supply 1,750 Quebec households with renewable gas, thus avoiding the emission of 5,000 tonnes of CO₂ per year. This project will contribute to the objective set by the Quebec government of increasing to 10% the share of green gas into the networks by 2030.

Waga Energy will finance the construction of the unit, as well as the connection of the installation to the gas network, 5 kilometers away. Waga Energy will purchase the renewable natural gas produced onsite from RIGMRBM for 20 years. It will operate and maintain the unit and generate income by selling the green gas to a Canadian energy company.

The WAGABOX® unit will be built in Quebec by the Canadian subsidiary of Waga Energy, with the support of local subcontractors. Only the cryogenic distillation module, which concentrates a large part of the company's unique expertise, will be manufactured in France and shipped overseas.

This is the second project launched by Waga Energy in Canada. A large WAGABOX® unit (3,400 m³/h) is already under construction to equip the Saint-Étienne-des-Grès landfill operated by Enercycle (formerly the Mauricie residual materials management board).

Leader in the recovery of gas from landfill sites in the form of biomethane, Waga Energy already operates ten WAGABOX® units in France, representing a production capacity of 225 GWh of biomethane per year. With six new units under construction, including high-capacity units, Waga Energy plans to increase production significantly over the next 18 months.



David Rumbsy, Managing Director of RIGMRBM said: *“Several experts were consulted to ensure that we had the best technology for our site. After a comprehensive due diligence was carried out, our choice fell on the company that offered the best technology and, above all, had the most positive impact on the environment. ”*

Mathieu Lefebvre, CEO and co-founder of Waga Energy, concluded: *“We are happy to be able to help the RIGMRBM to improve its environmental practices through our innovative gas recovery technology. This new contract in Quebec is the result of the significant work we committed over the past two years to deploy our solution in North America and help move the energy transition forward. Our investor-operator model involves a long-term commitment and requires the establishment of local industrial capacities to build and operate our units ”.*

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NOTE TO EDITORS

ABOUT THE BROME-MISSISQUOI RESIDUAL MATERIALS MANAGEMENT BOARD

The Brome-Missisquoi Intermunicipal Waste Management Board (RIGMRBM) is a municipal body comprising the towns of Bedford, Cowansville, Dunham and Farnham. The Régie manages the composting site, the eco-center and the landfill site. Its mission: to enhance and transform the resources entrusted to it, thus helping to preserve the quality of life for future generations.

ABOUT WAGA ENERGY

Waga Energy is an innovative French company committed to the fight against climate change. Created in 2015 in the Grenoble region, it is rolling out a unique purification technology which combines membrane filtration and cryogenic distillation, to recover landfill gas in the form of biomethane. Waga Energy finances, builds and operates its purification units, called WAGABOX®, as part of long-term partnerships with landfill operators, and generates income through the sale of biomethane.

ABOUT WAGABOX®: A BREAKTHROUGH TECHNOLOGY FOR THE RECOVERY OF LANDFILL BIOGAS

WAGABOX® is a breakthrough technology for the recovery of landfill gas in the form of biomethane (RNG) injected into gas grids. This innovative technology is the result of 10 years of research & development and benefitted from the active support of French industry giant Air Liquide. Combining membrane filtration and cryogenic distillation, it guarantees a higher energy yield than solutions based on electricity production, and optimum use of the resource, without operational constraints for the landfill operator.