

PRESS RELEASE

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Valtom and Waga Energy launch an RNG injection project using a hybrid biogas source

Valtom and Waga Energy are launching the first renewable natural gas (RNG) injection project combining biogas from an anaerobic digestion facility and a landfill site in Clermont-Ferrand, France.

Valtom, a public authority in charge of waste management for the Clermont-Ferrand region in central France, and Waga Energy, a specialist in renewable natural gas (RNG) production from landfills, are joining forces to produce renewable natural gas (RNG) at the non-hazardous landfill site in Clermont-Ferrand.

Via a joint venture named “Valtom Énergie Biogaz,” the two partners will build an upgrading unit on the site using WAGABOX® technology, developed and patented by Waga Energy to convert landfill gas into RNG. The unit will also process biogas from the anaerobic digestion plant at Vernéa, Valtom’s household waste recovery facility, located a few hundred meters away. This is the first RNG production project in France to use a “hybrid” biogas source.

“This dual biogas recovery project illustrates the potential synergies between an anaerobic digestion plant and a landfill, if the latter has been fitted with a WAGABOX® unit and is connected to the gas grid. The system, which helps optimize biogas recovery, is set to become widespread in France and abroad, encouraging RNG production and facilitating the energy transition,” says Mathieu Lefebvre, CEO of Waga Energy.

The RNG produced will be directly injected into the gas pipeline operated by French gas distributor GRDF via a 700-meter connection. The Valtom site will provide renewable gas to supply local households and businesses as well as a CNG/BioCNG filling station in Clermont-Ferrand.

More Than 2,000 Households Supplied With Renewable Gas

The WAGABOX® unit will inject up to 15GWh of RNG each year, equivalent to the annual consumption of more than 2,000 homes or around 60 buses. By producing RNG as a substitute for fossil-based natural gas, it will prevent the emission of around 2,500 metric tons of CO₂eq into the atmosphere each year.

The project represents an investment of €3.5 million, funded jointly by Valtom and Waga Energy through their joint venture Valtom Énergie Biogaz. The facility is set to be started up in the first half of 2024, with Valtom Énergie Biogaz receiving the income generated by the sale of RNG to an energy provider.

The biogas generated from the Clermont-Ferrand landfill is currently converted into electricity by an engine, and the biogas from the anaerobic digestion plant is used to power the incinerator at the Vernéa facility. Combining these two sources offers sufficient volume to make it worth operating an RNG production facility.

Recovering biogas as RNG is more energy efficient and will supply renewable energy that can be easily stored and transported via existing gas infrastructure. RNG also represents a solution for the decarbonization of hard-to-electrify sectors like industry and transport, and helps boost local energy sovereignty.

About Waga Energy

Waga Energy (EPA: WAGA) produces competitively priced Renewable Natural Gas (also known as “biomethane”) by upgrading landfill gas using a patented purification technology called WAGABOX®. The RNG produced is injected directly into the gas grids to supply individuals and businesses, providing a substitute for natural gas. Waga Energy finances, builds and operates its WAGABOX® units under long-term contracts with landfill operators for the supply of raw gas, and generates income by selling the RNG it generated or by offering upgrading service. Waga Energy operates fifteen WAGABOX® units in France, representing an installed capacity of 440 GWh/year. Fourteen units are under construction in France, Spain, Canada and the US. Each project initiated by Waga Energy contributes to the fight against global warming and helps the energy transition. Waga Energy has been listed since October 27, 2021, on Euronext Paris. waga-energy.com / Follow us on [LinkedIn](#) and [Twitter](#); Subscribe to the [newsletter](#)

Press contact

Laurent Barbotin

laurent.barbotin@waga-energy.com

+33 772 771 185