

Brazil: Waga Energy presents its RNG Production Solution on the sidelines of COP30

Eybens, France, November 3, 2025 - **With COP30 just a few days away, Waga Energy (EPA: WAGA) is presenting its WAGABOX® technology, which purifies landfill gas into renewable natural gas (RNG), in Rio de Janeiro. This is a key solution as Brazil aims to produce more than 4 million cubic meters/day of renewable gas by 2040.**

On Tuesday, November 4, in São Paulo, Alvaro Ferreira, director of Waga Energy's Brazilian subsidiary, will participate in the round table discussion "Nova Indústria Brasil & France 2030 – succeeding in green reindustrialization" at 3:30 p.m. alongside companies Veolia, Schneider Electric, Braskem, Qualiteo and Loxam. This intervention is part of the bilateral exchanges organized by Business France during the France-Brazil Economic Forum on Energy and Ecological Transition COP30¹ at [Casa Firjan](#).

On Thursday, November 6, also in Rio de Janeiro, Mathieu Lefèbvre, CEO of Waga Energy Group, will speak at the round table discussion "Challenges, opportunities, and costs of waste management to protect health and the environment while reducing climate impacts" alongside Orizon and Charlotte Morton, President of the World Biogas Association. He will speak at the Sustainable Cities, Waste & Circularity: Pathways to a 3D Future Forum² organized by the International Solid Waste Association (ISWA) is organizing at the [Brazilian College of Higher Education](#).

During these two days, Waga Energy will highlight the importance of capturing landfill gas for the circular economy and reducing greenhouse gas emissions. Its innovative solution, called WAGABOX®, is unique in the world and combines membrane filtration and cryogenic distillation to separate methane from other gases emitted by landfill sites. WAGABOX® technology thus makes it possible to transform methane, a major source of air pollution, into RNG, a substitute for fossil natural gas.

These two meetings are being held on the sidelines of COP30³ during events presenting solutions for climate protection. Brazil is preparing to host the United Nations Climate Change Conference (COP30) in Belém from November 6 to 21, 2025. This summit will highlight the country's potential to deploy RNG as a key lever in the fight against climate change.

Brazil's decarbonization goals

In early 2025, Waga Energy has set up operations in São Paulo with the following mission:

- to maximize the energy potential of waste storage sites through proven technological innovation;
- to increase the supply of RNG in order to help meet national decarbonization targets.

With around 800 waste storage sites and nearly 3,000 disposal sites that may be equipped with a gas capture system, Brazil has immense potential for RNG production. The country is therefore facing a major challenge in terms of waste management, but also a significant strategic opportunity with the production of RNG.

Studies conducted by Empresa de Pesquisa Energética confirm that RNG is a rapidly expanding sector. The updated National Solid Waste Plan (Planares, 2024) sets ambitious targets for the recovery of gas

¹ [Business France, creating business opportunities - Address of Casa Firjan: Rua Guilhermina Guinle, 211, Botafogo, Rio de Janeiro](#)

² <https://www.iswa.org/event/3d-future-forum-sustainable-cities-waste-circularity/?v=11aedd0e4327> - [Address of the Brazilian College: Av. Rui Barbosa, 762, Flamengo Rio de Janeiro](#)

³ <https://www.un.org/en/climatechange/cop30>



from waste storage sites, aiming for a capacity of 257 megawatts by 2040. The country has established a regulatory framework with the Fuel of the Future Law, which will eventually require all natural gas, whether sold, imported, or self-produced, to contain 1% to 10% renewable gas. It also creates the Biomethane Guarantee of Origin Certificate (CJOB) to certify and track production. With an average installed capacity of 631,000 cubic meters per day in January 2025, Brazil will need to add around 4 million cubic meters per day to meet its targets.

With COP30 approaching, Waga Energy is opening its doors to the media: our executives are available in Rio de Janeiro for interviews and discussions on the challenges of RNG and the energy transition.

Mathieu Lefèbvre, CEO of Waga Energy Group: "For ten years, Waga Energy has been capturing and transforming gas emitted by waste storage sites into RNG, helping to reduce greenhouse gas emissions. As the United Nations calls for a transition from fossil fuels to renewables, we work every day to transform a major source of air pollution into a clean, local, and renewable energy source accessible to all, driven by a desire to work for the common good."

Alvaro Ferreira, Director of Waga Energy Brazil: "Brazil's renewable energy production potential remains largely untapped. Thanks to a major technological innovation, the WAGABOX®, we are transforming waste storage sites into producers of RNG, a clean, local, and renewable energy source. We are putting our technology to work to decarbonize Brazil and, more broadly, Latin American countries."

About Waga Energy

Waga Energy (EPA: WAGA) produces competitively priced Renewable Natural Gas (RNG, 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 that supply individuals and businesses, providing a substitute for natural fossil gas. Waga Energy currently operates 32 RNG production units in France, Spain, Canada and the USA, representing an installed capacity of more than 5.2 million MMBtu (1.5 TWh) per year.

To date, Waga Energy has 18 RNG production units under construction worldwide. Each project initiated by Waga Energy contributes to the fight against global warming and helps the energy transition.

Waga Energy is listed on Euronext Paris (FR0012532810 – EPA: WAGA).

Learn more: <https://waga-energy.com/en/>

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Contact Us

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Interviews with Mathieu Lefèbvre or Alvaro Ferreira can be arranged from November 3 to 7 in Rio de Janeiro (Av. Bartolomeu Mitre, 770 – Leblon).

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