



## WAGA-ENERGY

### One line pitch:

Wasted GAs Energy Recovery

WAGA-ENERGY transforms landfillgas pollution into a competitive and clean energy: biomethane



WAGA ENERGY

### Market Analysis:

Humanity produces enormous and fastly growing waste volumes. These waste are collected and landlilled (#20 000 worldwide), where the organic fraction is degraded to produce "landfill gas", an energetic gas composed of methane and other impurities that make it unsuitable for traditional use. This landfill gas is released to the atmosphere or flared, and responsible for 5% of worldwide GHG emissions. We estimate that over 1000 TWh will be stored every year in landfills in 2025 representing 20 billion \$ equivalent natural gas.

### Value proposition:

Thanks to a world class innovation - the WAGABOX -, a unique combination of membrane separation and cryogenic distillation, WAGA-ENERGY upgrades landfill gas into biomethane: the renewable substitute of fossil natural gas. Our solution enable pure biomethane production (compliant with natural gas grid quality) at a cost competitive with fossil equivalent. This biomethane can be used as standard energy or as vehicle fuel (natural gas vehicles). Therefore WAGA-ENERGY fills the gap between Landfill operators and utilities. We supply territories with their own energy while creating a new economic resource for waste management companies: ciruclar economy and energy transition at its best.

### Business Model:

Based on an innovative business model, WAGA ENERGY offers landfill operators a turnkey solution, investing for them. This ensures sustainable and profitable operations for an optimal valuation of the landfillgas produced, at no cost and no burden. WAGA-ENERGY purchases the landfill gas to waste management companies, builds, owns, operates and maintains the WAGABOX on landfill site and sells the biomethane produced by the WAGABOX to gas companies / utilities or local operators. WAGA-ENERGY is committed on the long term through 10 years + contracts with recurring revenues.

### IP and Regulatory situation:

WAGA-ENERGY has a licence delivered by Air Liquide for a couple of patents. WAGA-ENERGY has key patents to protect the technology and is investing in R&D, with other IP opportunities ahead.

## COMPANY PROFILE

- **Website:**  
www.waga-energy.com
- **Field:**
- **Contact:**  
LEFEBVRE Mathieu  
mathieu.lefebvre@waga-energy.com
- **Location:**  
29 chemin de pré Barau  
38240 meylan  
France
- **Founded in:** //01/2015
- **Employees:** 9
- **Financial information (€):**
  - **Company stage:**  
Pilot Phase
  - **Capital raised to date:**  
NA
  - **Monthly burn rate:**  
NA
  - **Capital seeking and date:**  
> 10 000 000€end 2017
- **Investors:**  
ALIAD, Starquest Capital, Les Saules / OVIVE