

WASTE & CLIMATE
CHANGE

WASTE TO ENERGY/
METHANE REDUCTION



EUROPE AND NORTH
AMERICA



WAGABOX® technology

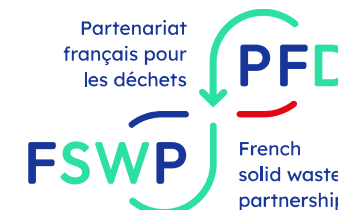
A benchmark solution for landfill gas purification for recovery



Coupling membrane filtration and cryogenic distillation to upgrade landfill gas into grid compliant biomethane

- Improvement in energy yield compared with cogeneration
- Optimized methane capture as there is no limitation in air concentration in landfill gas
- Example: WAGABOX® in Claye-Souilly, France
 - Capacity: 130 GWh/y
 - 21,000 eq CO₂ avoided/y
 - 20,000 households supplied with biomethane

➔ [Technologie - Waga Energy \(waga-energy.com\)](https://waga-energy.com)



CLIMATE BENEFIT:

- > 142,000 tons of CO₂ eq avoided (since 2017) compared to former landfill operation scenario
- > Green fuel for transport and industry
- > Methane emissions reduction

CO-BENEFIT:

- > Improving landfill operation



COP28
UAE