

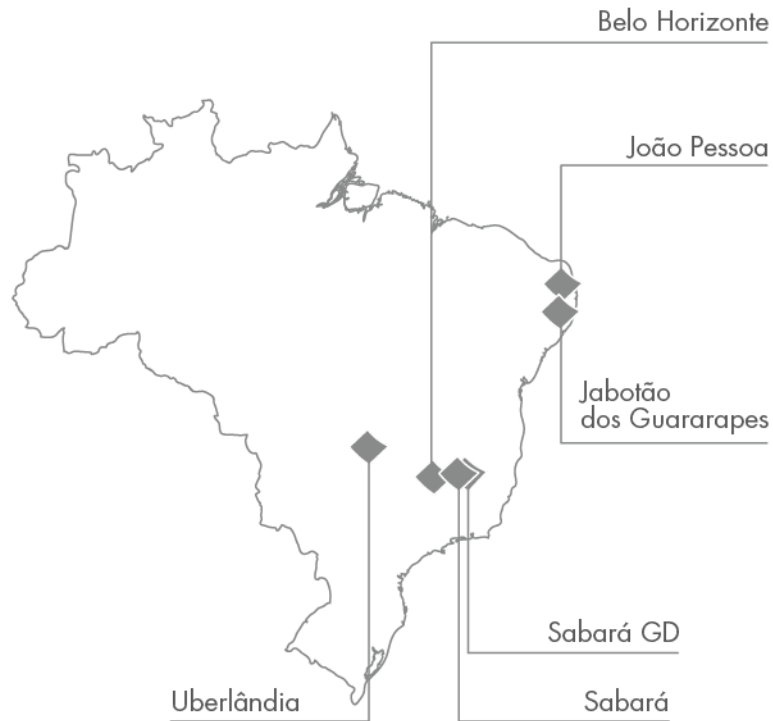
- ◆ biogas
- ◆ biometano
- ◆ eolico
- ◆ fotovoltaico
- micro
- cogenerazione

## Asja Brasil | Brazilian Projects

asja



## ASJA BRASIL LANDIFILL GAS PLANT LOCATION



Asja's presence in Brazil started in the year 2005, motivated by the will to expand its sustainable business to areas lacking technology and attractive market.

Headquarters: Belo Horizonte/Minas Gerais

Asja's 6 power plants located in the cities of Belo Horizonte/MG, Sabará-Belo Horizonte Municipality/MG, Uberlândia/MG, Jabotão dos Guararapes – Recife Municipality/PE and João Pessoa/PB together produces electricity from Municipal Solid Waste (MSW) of 10 million habitants.



## CONSÓRCIO BELO HORIZONTE ASJA SABARÁ SERVIÇOS PARA O MEIO AMBIENTE



**Location:** Belo Horizonte - Minas Gerais

**Partner:** SLU Prefeitura Belo Horizonte

**Plant startup:** 2011

**Installed Capacity:** 1,4 MW

**Annual Production:** 11.200 MWh

**Description:** 3 Jenbacher engines located inside "CTRS Belo Horizonte". The landfill received MSW from Belo Horizonte municipality, all the biogas produced is collected, treated and transformed into electricity. The plant is connected to the local electrical grid commercializing its energy with big electric consumers in Brazil.

**Gold Standard Certified**



## ENERGAS

ASJA SABARÁ SERVIÇOS PARA O MEIO AMBIENTE



**Location:** Uberlandia - Minas Gerais

**Partner:** Limpebras Engenharia Ambiental

**Plant startup:** 2012

**Installed Capacity:** 4,27 MW

**Annual Production:** 33.700 MWh

**Description:** 3 Jenbacher engines located inside “Uberlandia landfill”. The landfill receives MSW from Uberlandia municipality (1.000 ton/day), all the biogas produced is collected, treated and transformed into electricity. The plant is connected to the local electrical grid commercializing its energy with big electric consumers in Brazil.

**Gold Standard Certified**



## CONSÓRCIO HORIZONTE ASJA ASJA SABARÁ SERVIÇOS PARA O MEIO AMBIENTE



**Location:** Sabará - Minas Gerais

**Partner:** Vital Engenharia Ambiental

**Plant startup:** 2017

**Installed Capacity:** 7,13 MW

**Annual Production:** 53.000 MWh

**Description:** 5 Jenbacher engines located inside “CTR Macaúbas”. The landfill receives MSW from Belo Horizonte municipality and 14 other cities (4.000 ton/day), all the biogas produced is collected, treated and transformed into electricity. The plant is connected to the local electrical grid commercializing its energy with big electric consumers in Brazil.

**Gold Standard Certified**



## ASJA PARAÍBA

ASJA PARAÍBA SERVIÇOS AMBIENTAIS



**Location:** João Pessoa - Paraíba

**Partner:** Orizon Valorização de Resíduos

**Plant startup:** 2019

**Installed Capacity:** 5,4 MW

**Annual Production:** 43.000 MWh

**Description:** 4 Jenbacher engines located inside “CTR João Pessoa”. The landfill receives MSW from João Pessoa municipality and 5 other cities (2.000 ton/day). The plant is connected to the local electrical grid commercializing its energy with big electric consumers in Brazil.





## ASJA PERNAMBUCO ASJA PERNAMBUCO SERVIÇOS AMBIENTAIS



**Location:** Jaboatão dos Guararapes - Pernambuco

**Partner:** Orizon Valorização de Resíduos

**Plant startup:** 2019

**Installed Capacity:** 17,11 MW + 5,7 MW under installation

**Annual Production:** 135.000 MWh (180.000 MWh from 2022)

**Description:** 16 Jenbacher engines located inside “CTR Candeias”. The landfill receives MSW from Recife and other municipalities (5.000 ton/day). All the biogas produced is collected, treated and transformed into electricity. Connected to the local electrical grid the energy is commercialized within all Brazil electrical network.



## ASJA SABARÁ GD ASJA SABARÁ GERAÇÃO DISTRIBUÍDA



**Location:** Sabará - Minas Gerais

**Plant startup:** 2021

**Partner:** Vital Engenharia Ambiental

**Installed Capacity:** 2,85 MW

**Annual Production:** 22.400 MWh

**Description:** 2 Jenbacher engines located inside “CTR Macaúbas”. The plant is designed to utilize the excess of biogas not used by Asja Sabará. The plant is connected to the local electrical grid commercializing the electricity with small consumers (GERAÇÃO DISTRIBUÍDA) in the Minas Gerais state.



green  
energy  
efficiency  
by asja