



Organic fertilizers from local resources

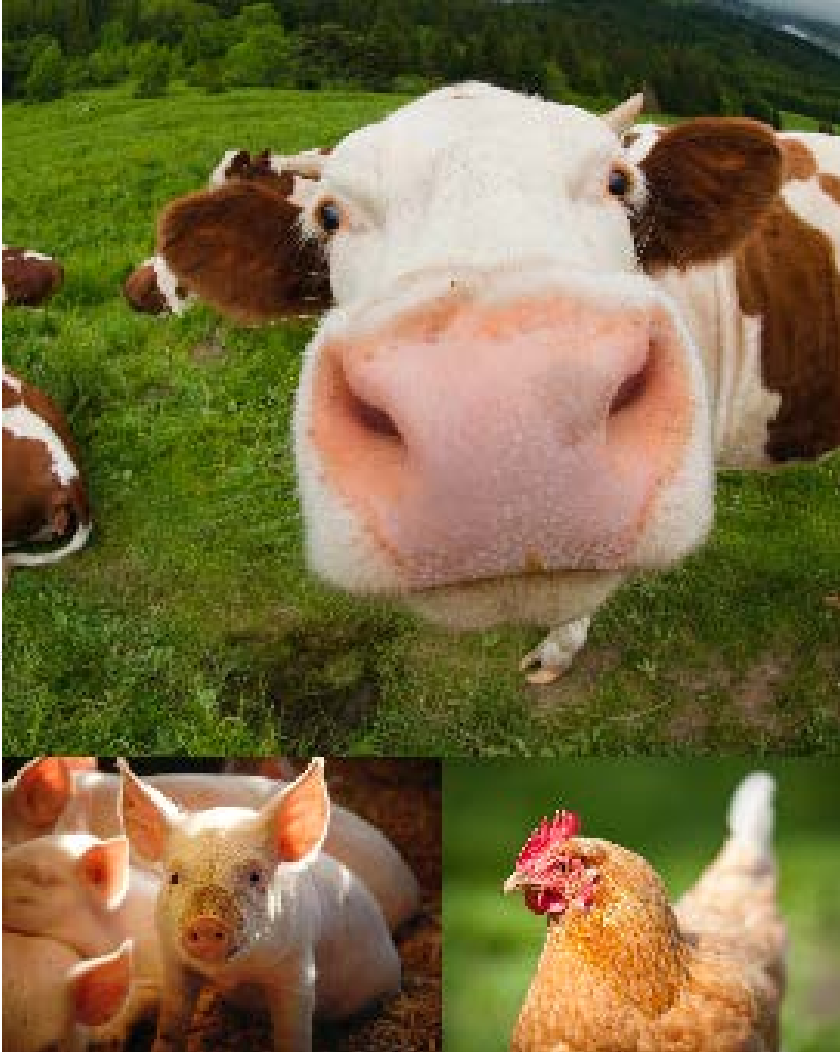
Geert Brosens, CEO

06/06/2019



Who we **are** & what we **do**

The Fertikal approach



Raw materials collected in Kallo (Port of Antwerp) & Maaseik

- POULTRY MANURE: 200,000 T
- COW MANURE: 71,000 T
- PIG MANURE: 88,000 T
- DIGESTATE: 19,000 T

- + vegetal proteins + mineral fertilisers

Turnover: € 28,000,000
Employees: 70

- 1 composting, drying & pelletising site @ Kallo (Antwerp, BE)
- 1 composting and pasteurizing site @ Maaseik (Limburg, BE)
- 1 biogas production site @ Esbeek (N-Brabant, NL)
- 1 transporting company with 30 trucks @ Esbeek (N-Brabant, NL)
- 1 collecting site @ Bergen-op-Zoom (N-Brabant, NL)
- Several storage tanks in Zeeland, NL

FERTIKAL
organic fertilizers

FERTIKAL
trade in organic fertilizers **Trading Company**



CML
CLEAN MINERALS **LOGISTICS BV**

CMBE
CLEAN MINERALS **BIO ENERGY BV**

VDBAGRI bvba

**FERTI
MASS**

We produce



COMPOST
200,000 T

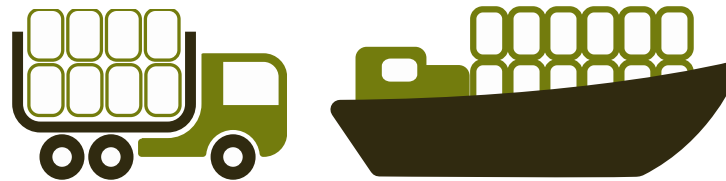


PELLET
70,000 T

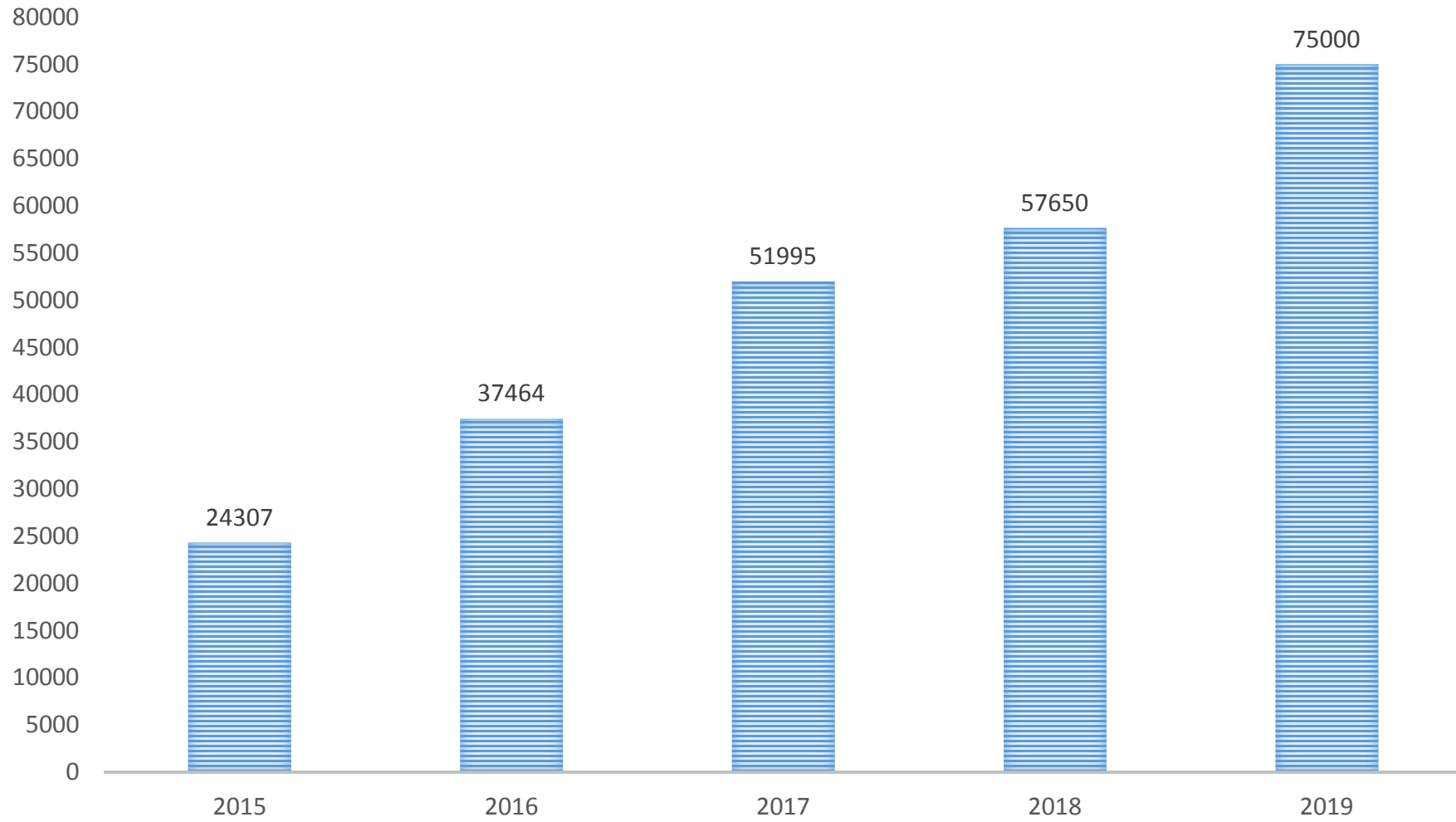


CRUMB
5,000 T

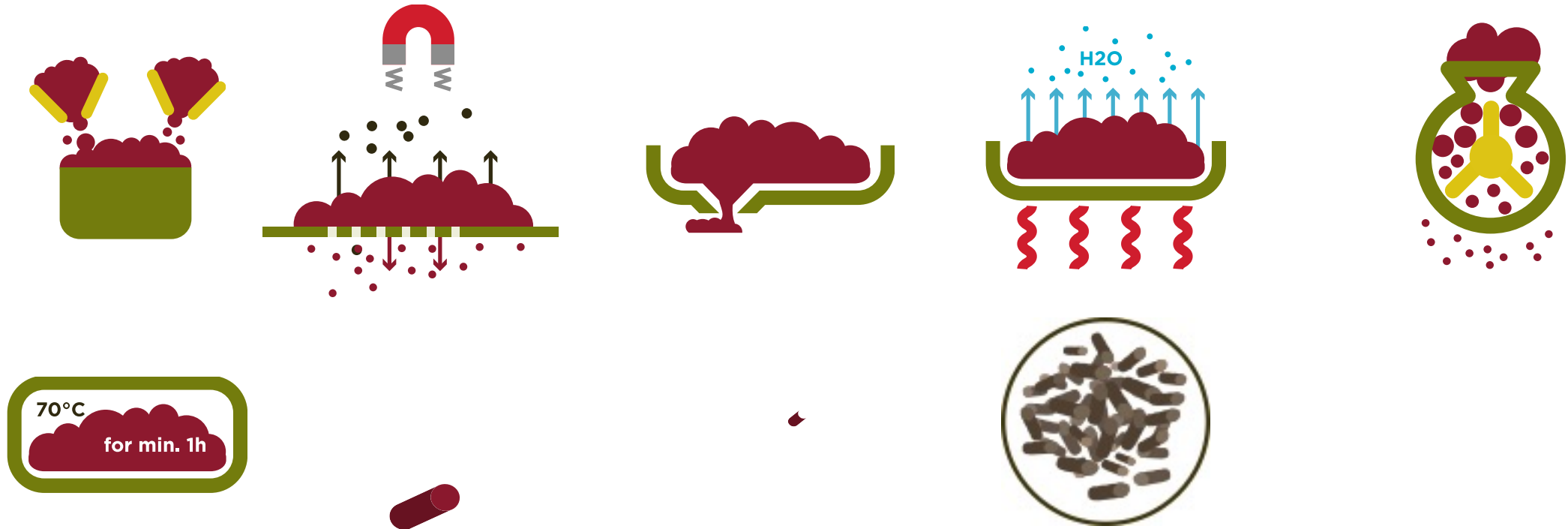
We export (99,9%)



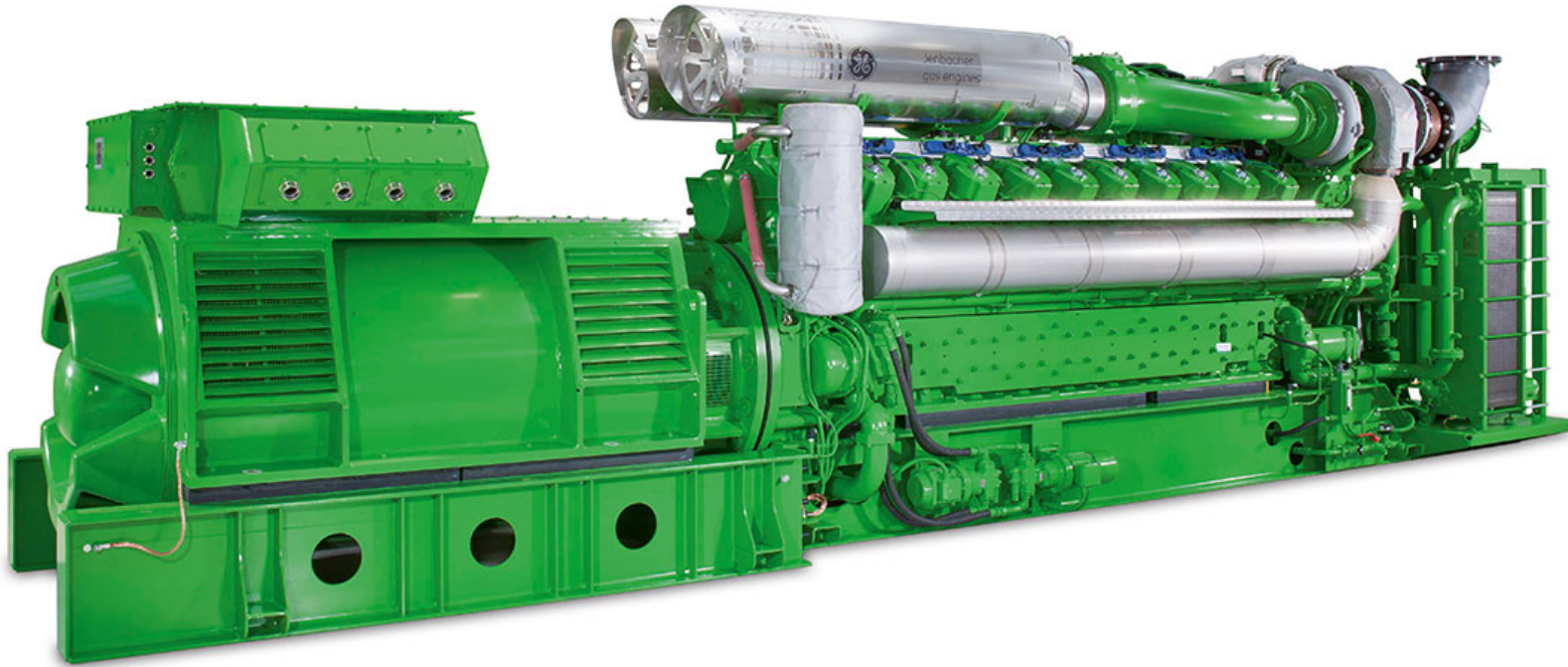
EVOLUTION VOLUME PELLETS



Production process pellets

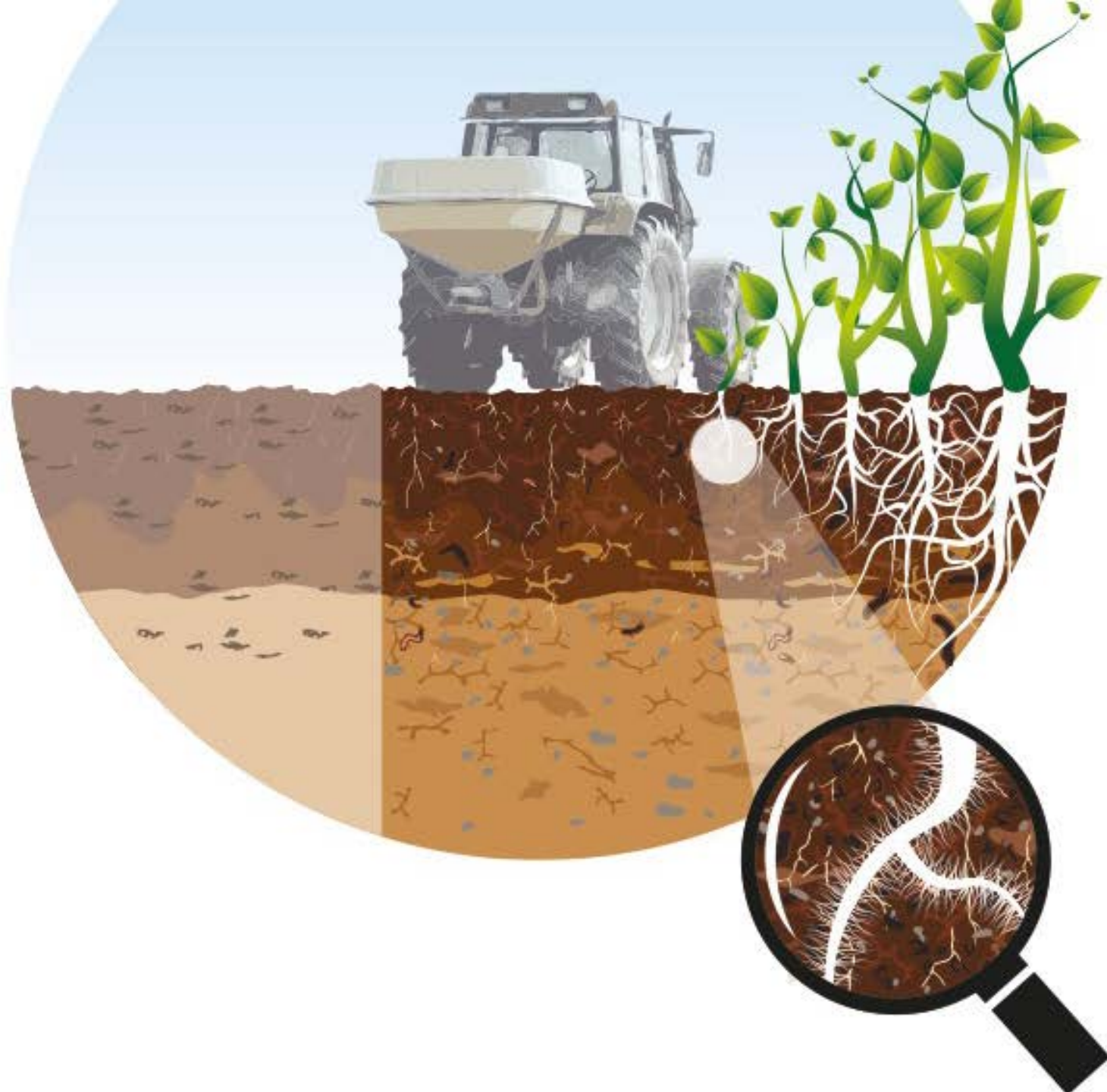


Energy-efficiency with co-generation units



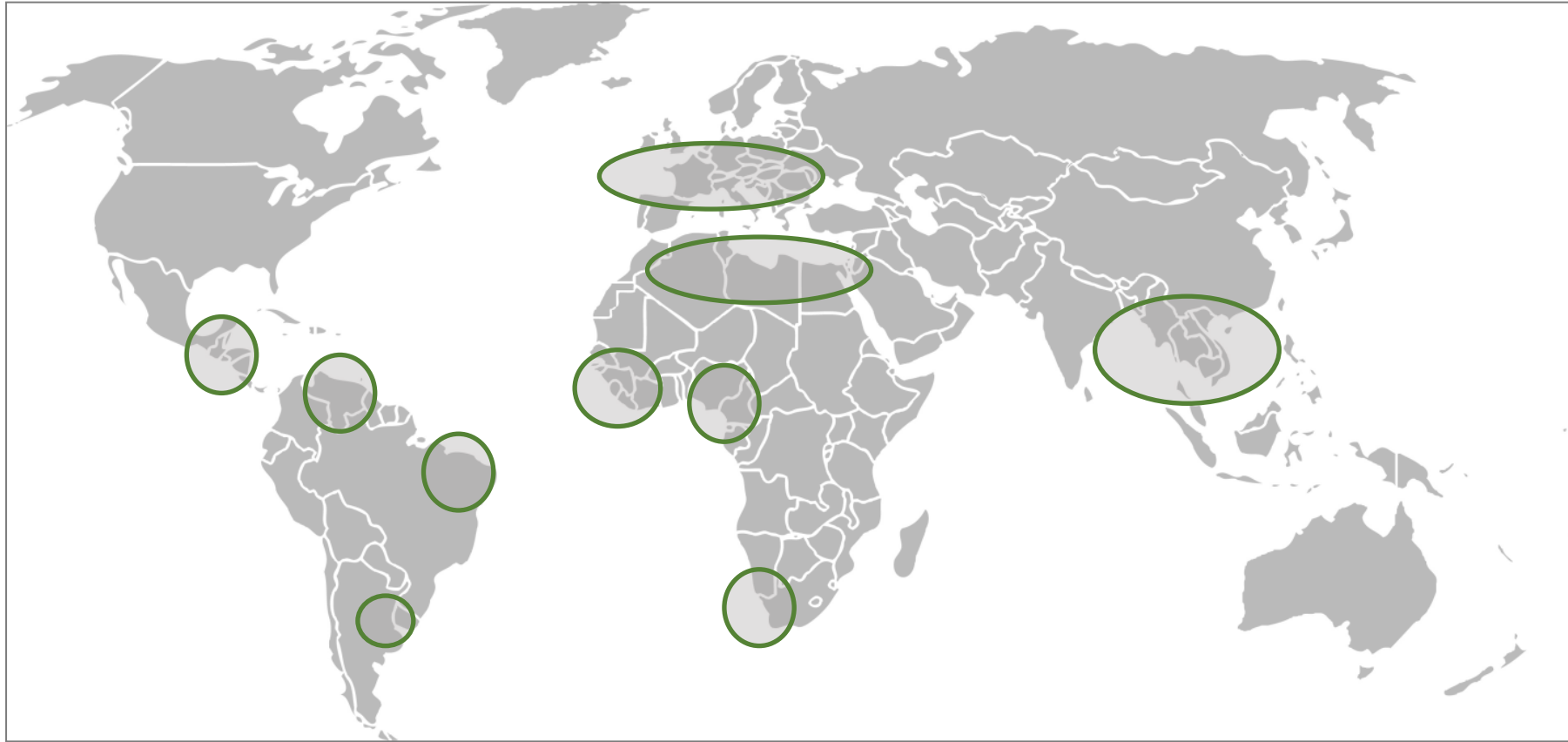


We offer a sustainable solution worldwide



Mineral
fertilizers feed
the plant.

Organic
fertilizers feed
the soil.



Regions with high need for OM (knowledge!) + economic feasibility











Opportunities & threats



Major threats

European laws on environmental protection lead to high investment costs & lengthy permit procedures → this can lead to a non-equal playing field

Intensive animal husbandry is becoming socially unacceptable. This is our main source of raw materials

Risk of animal disease outbreak

Opportunities



Organic produce more popular than ever



Increase of yields in agriculture is only possible if organic matter is added to the soil



European food safety laws are worldwide known to be very strict, therefore our product has a European quality label

Perspectives



In **2022** we will produce **100,000 t** of pelletised organic fertilizer for worldwide export, which is still only a fraction of the organic matter needed to feed **our soils**, for a sustainable crop production that can feed **the world**





FERTIKAL 
organic fertilizers

fertikal.be