



Recover Energy From Biomass.

Decentral. Economical. Independent.

BEKON 

BEKON MINI

The clever investment for innovative energy production from organic waste materials.

BEKON presents the new BEKON MINI dry fermentation system, offering BEKON serial technology for entirely new markets and in a fully new dimension.

- The advantages of BEKON MINI:**
- Dry fermentation in a minimal space
 - Low capital and operational expenditures
 - Especially suitable for low input quantities
 - Effective decentral electricity and heat generation

BIO-WASTE
Recover energy from bio-waste! BEKON MINI lets you produce effectively reusable energy from biodegradable wastes.



MAINTAIN GARDENS, PARKS AND CEMETERIES
Make effective use of your grass and plant waste's energy potential!



MAINTAIN GREEN SPACES AND GRASS VERGES
Cut your local taxpayer-funded costs! BEKON MINI efficiently converts grass and plant waste into regenerative energy.



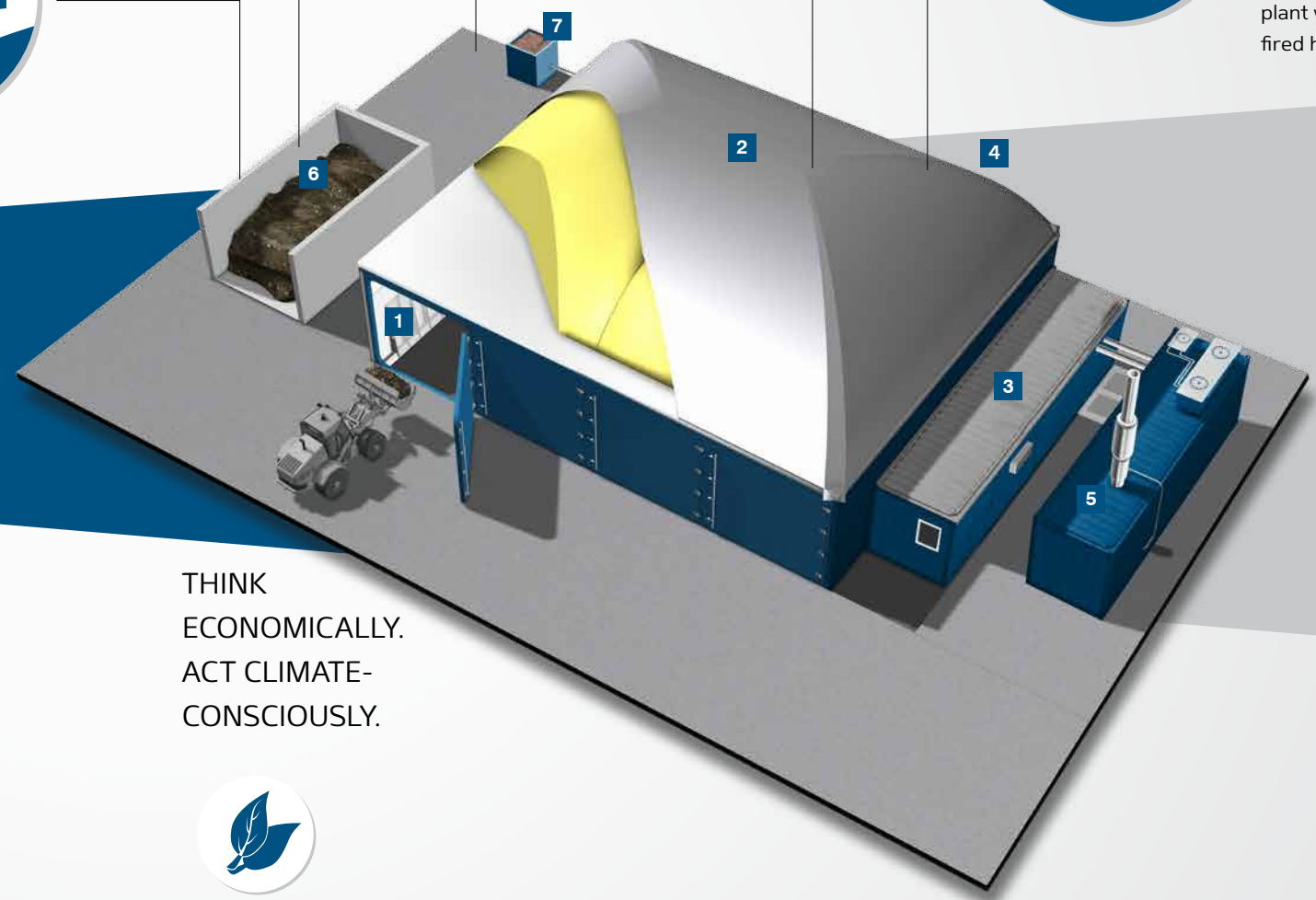
AGRICULTURAL BYPRODUCTS
BEKON MINI converts plant wastes and animal manure to valuable biogas and nutrient-rich fertiliser.



LANDSCAPE GARDENING FIRMS
Utilise organic operational waste for the production of valuable fermentation residue! BEKON MINI lets you turn grass and plant waste into biogas-fired heat and energy.

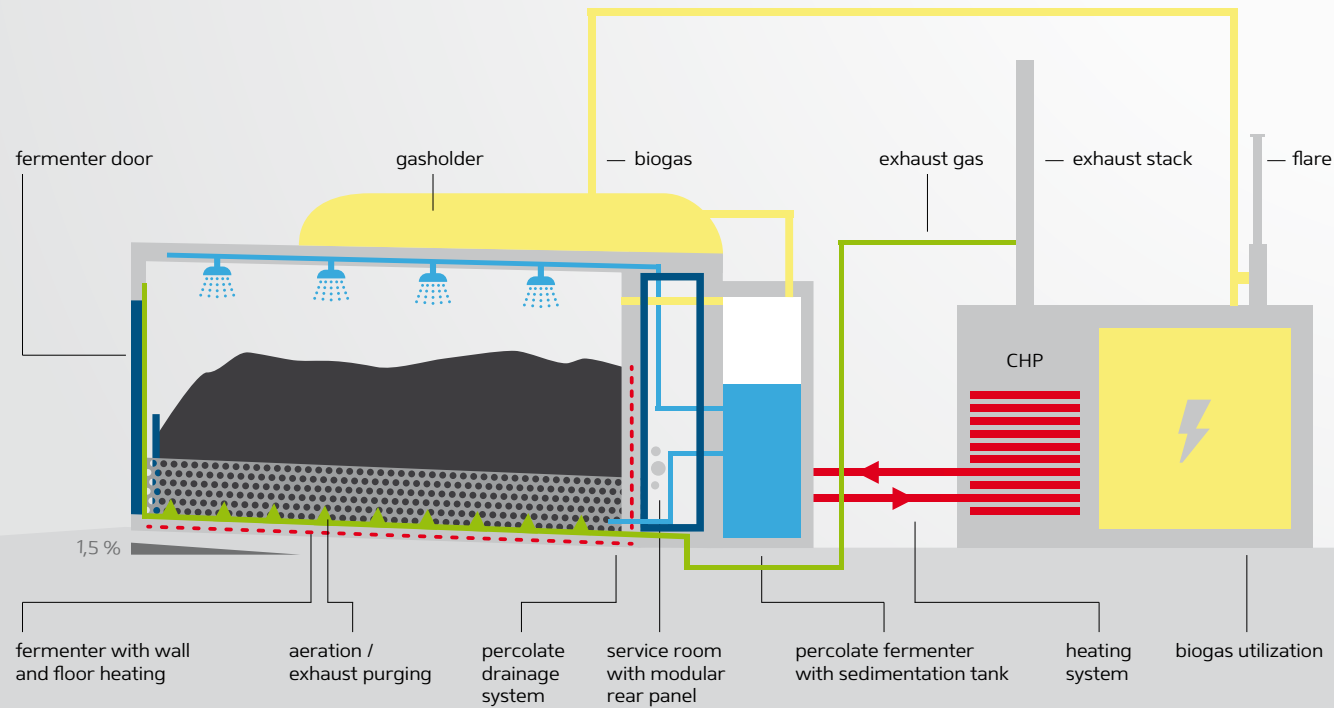


The new BEKON MINI.
Dry fermentation
efficient and economical



- 1 4 dry fermenters
- 2 Gas storage
- 3 Technology container with control room
- 4 Percolate fermenter
- 5 CHP
- 6 Input store
- 7 Biofilter

THE TECHNOLOGY



THINK
ECONOMICALLY.
ACT CLIMATE-
CONSCIOUSLY.



- QUANTITY & SUBSTRATE**
BEKON MINI is the compact dry fermentation system for use with non-liquid substrates, such as:
- Garden waste / grass cuttings
 - Organic agricultural waste
 - Renewable raw materials
 - Solid animal dung
 - Bio-waste
 - Quantity: from 3.000 to approx. 10.000 t/a

ELECTRICITY
The biogas produced can be used to generate electricity:

- 100-300 kW (electrical)



HEAT
The biogas produced can be used to generate heat:

- 100-300 kW (thermal)



BIOMETHANE
Upgrading of biogas to biomethane for injection into gas gridl.

- 60 Nm³/h to 80 Nm³/h



FERMENTATION RESIDUE
Other post-treatment of fermentation residue, such as biological drying, can be carried out without problem.

- high-nutrient fertiliser
- Humus (soil improvement)

BEKON MINI

From single components to
keyturn solution.

Pre-assembled
components

Tested for
function and
tightness incl.
factory accep-
tance test

Proposal- and
construction
drawings

Plans and
construction
manual



BEKON GmbH

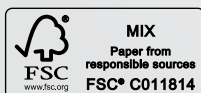
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