

Biogas plant for agriculture



Krieg & Fischer Ingenieure GmbH

- ☑ Reduce emissions
- ☑ Produce energy
- ☑ Increase profitability

References since 2008

FALKENSTEIN
Biogas Plant, Germany



Input:
Corn silage, whole crop silage, sweet sorghum silage

Digester:
Steel tanks
2 x 3,100 m³

FORCATE
Biogas Plant, Italy



Input:
Grass- and corn silage

Digester:
Steel tank
1,700 m³

SZEPIETOWO
Biogas Plant, Poland



Input:
Rye-, corn- and grass silage, sugar beet pulp silage, waste pulp, potatoes, fruit pomace

Digester:
Glass coated steel tank 5,000 m³

Ed GOPAC
Biogas Plant, Ukraine



Input:
Corn silage

Digester:
Steel tank
5,670 m³

Lectures / Publications

FISCHER, T. and Dr. K. Backes 2017
Agricultural based Biogas Plants in Europe
International Conference on Intelligent Agricultural Machinery in Taiwan, IIF of New Agricultural Resources Circulation Application Organisation: Taiwan Livestock Institute, Taiwan, Yunlin, Huwei, December 2017



Agricultural based Biogas Plants in Europe
Torsten Fischer and Dr. Katharina Backes



- # Agricultural substrates
- # Presentation of individual plants
- # Special Biogas concept with upright digester
- # Digestate separation

FISCHER, T. and Dr. K. Backes 2013
Grünschnitt und Grassilage: Technische und biologische Aspekte der Vergärung
9. Biogastagung Dresden zum Thema: Anaerobe biologische Abfallbehandlung
Forum für Abfallwirtschaft und Altlasten e.V., 11./12.11.2013 Dresden



Grünschnitt und Grassilage:
Technische und biologische Aspekte der Vergärung
Torsten Fischer und Dr. Katharina Backes



- # Vergärung von Grünschnitt und Grassilage
- # Vergleich Mais- und Grassilage
- # Entschwefelung
- # Gärrest-Nutzung

Brochure

Biogas Plants:
Engineering • Construction
Operation • Optimization



- # Tailor-made biogas plants
- # Independent engineering office
- # Experience with different feedstock
- # Technical details of biogas plants
- # 165 references worldwide