



ENVIRONTEC

BIOGAS SOLUTIONS

*Company
presentation*



Bilgeri EnvironTec GmbH

biogas technology

- ▶ MANUFACTURER OF MECHANICAL EQUIPMENT
- ▶ ENGINEERING CONSULTING
- ▶ INSTALLATION, COMMISSIONING AND MAINTENANCE



Bilgeri EnvironTec GmbH

biogas technology

- ▶ Established in 2005
- ▶ Austro-German biogas know-how
- ▶ Own R&D solutions developed and manufactured in Austria
- ▶ Established international actor:
+600 references in 70 countries





Industries and clients served



Industrial
Wastewater
Treatment Plants

Municipal Sewage,
Wastewater & Landfill
gas Treatment Plants



Biogas plants



Solutions

Equipment for sludge pre-conditioning

- Sludge pasteurisation
- Double-tube heat exchangers

Anaerobic digester components

- Gas hoods
- Foam traps
- Pressure security valves
- Inspection and access openings

Technologies biogas cleaning and conditioning

- Removal of condensate
- Removal of particles of different sizes
- Dry and wet desulphurization
- Removal of siloxanes

Biogas storage

- Double-membrane gas holders
- Silo-type, low-pressure gas holders

Biogas flares

- Open and closed combustion types
- Manual and automatic types
- Low and high temperature flares



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Products



Representative Biogas Line

DIGESTER EQUIPMENT

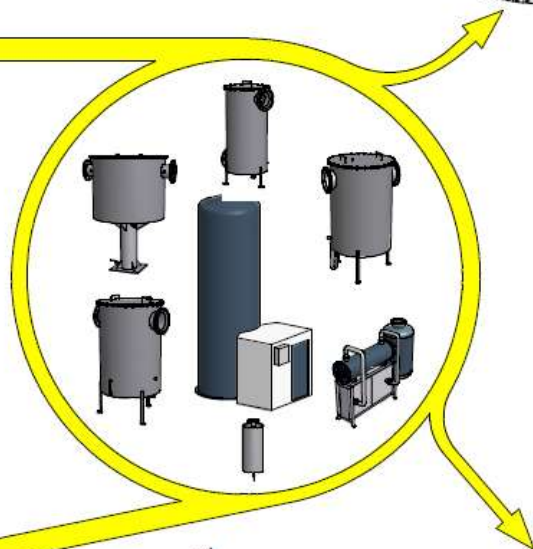


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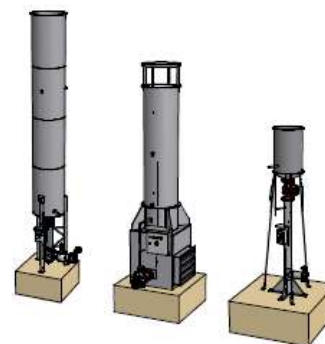


GAS STORAGE

GAS TREATMENT



GAS COMBUSTION



GAS UTILIZATION



Sludge pre-digestion treatment

Double-tube heat exchanger

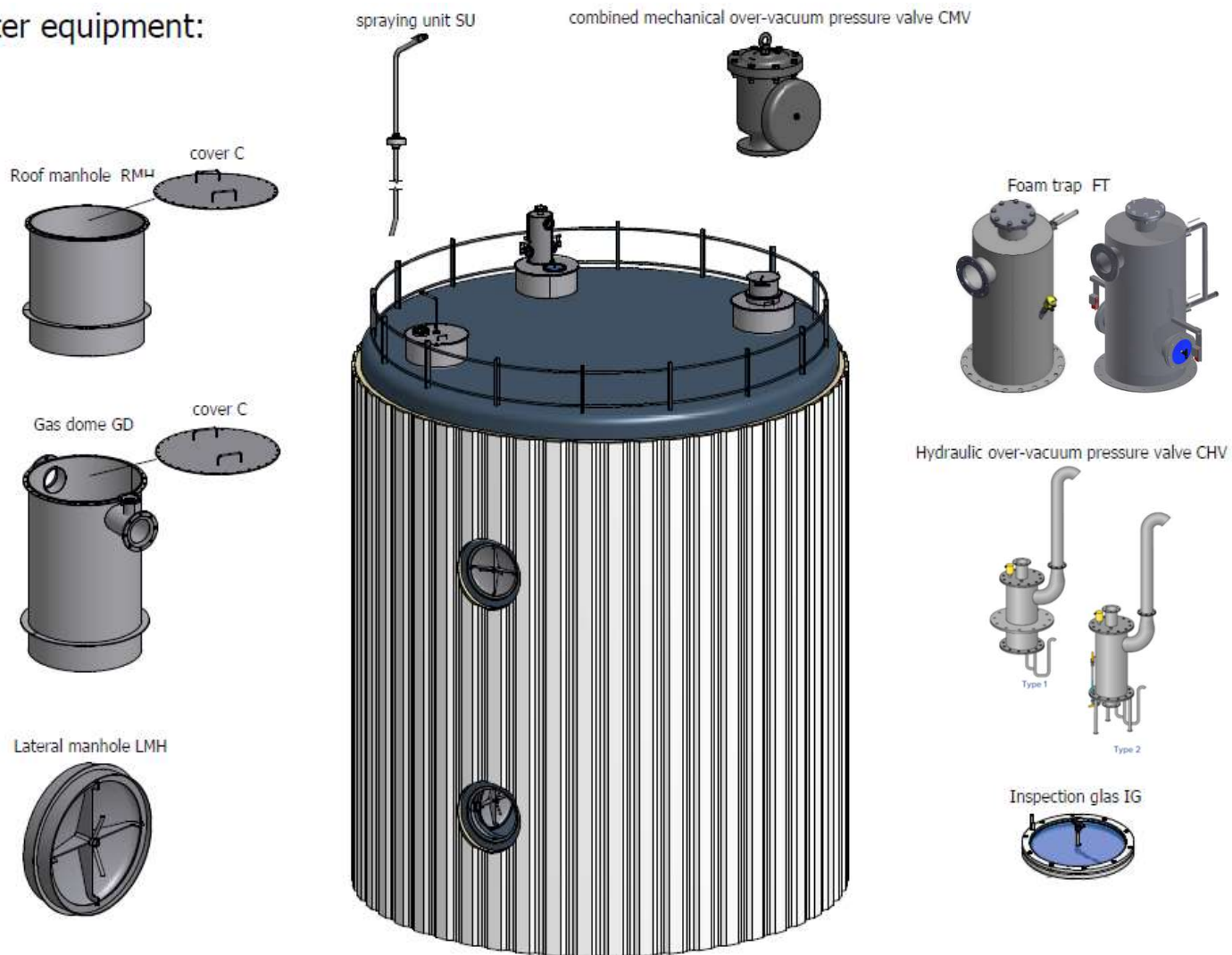


Continuous sludge pasteurisation



Digester Equipment

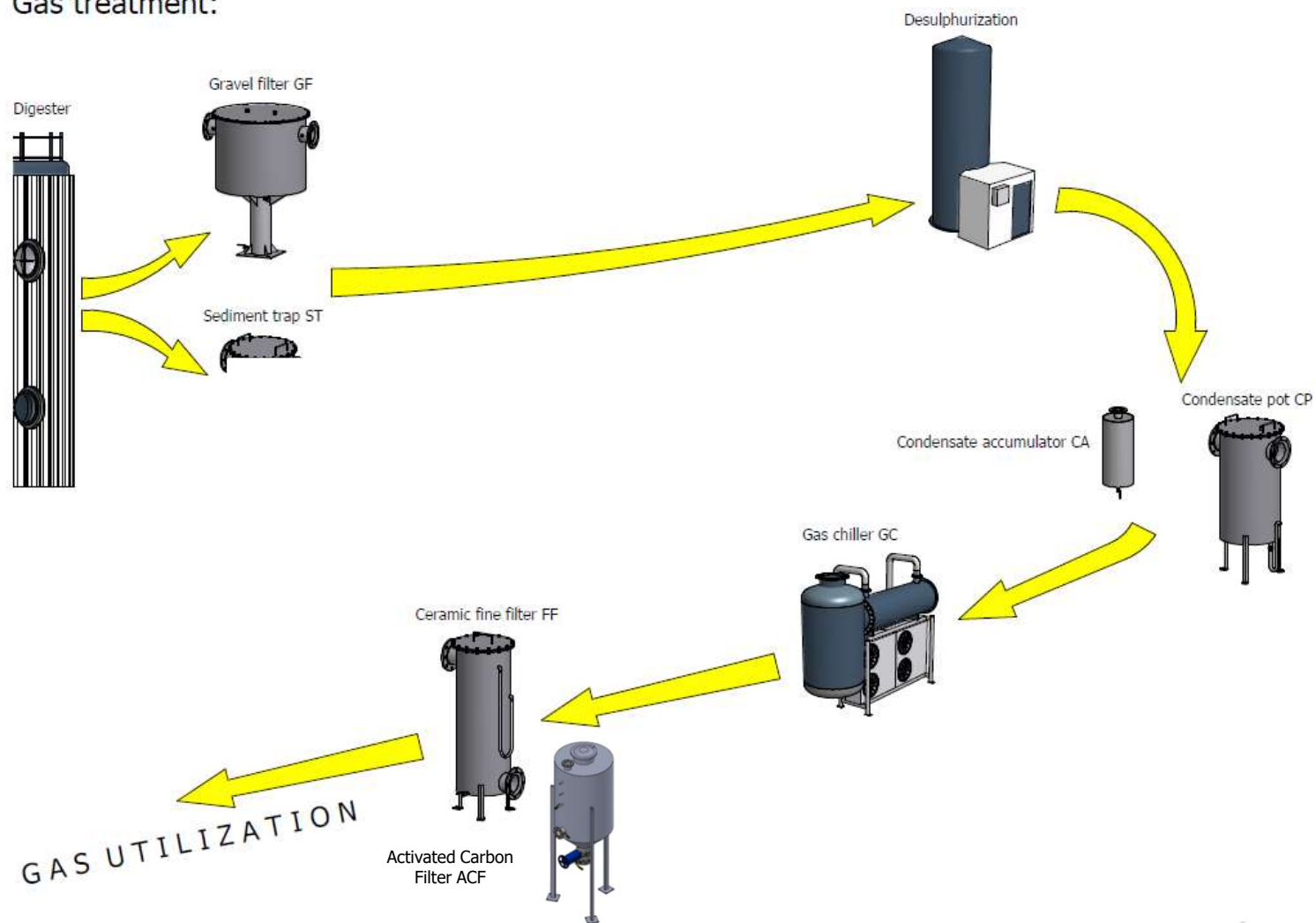
Digester equipment:





Biogas Treatment & Conditioning

Gas treatment:





Gas Holders



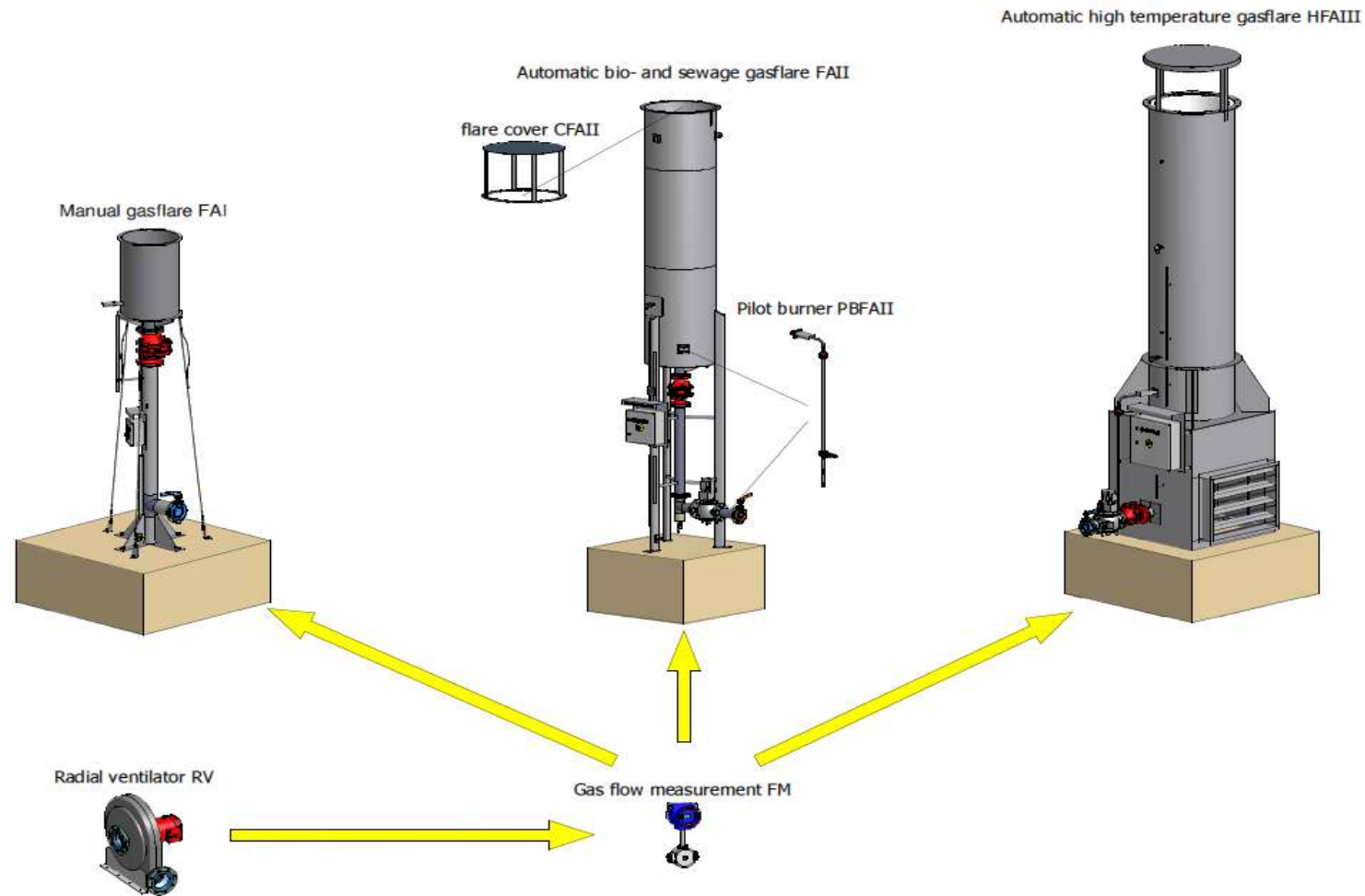
Silo Type (TGZ)

Double Membrane Type (DMG)





Flares





EnvironTec FAI Flares

*+500 references
worldwide*



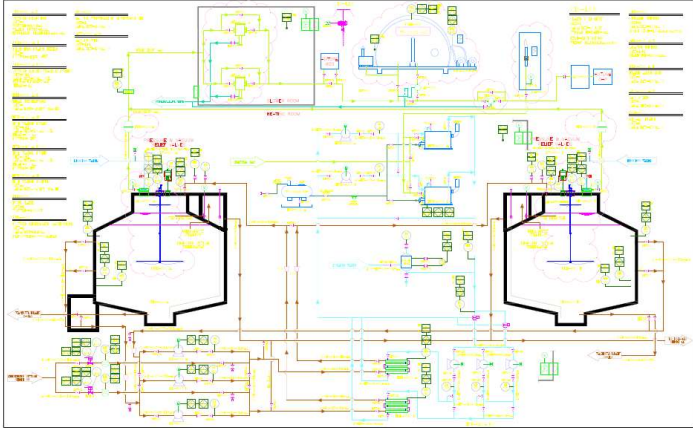
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Services

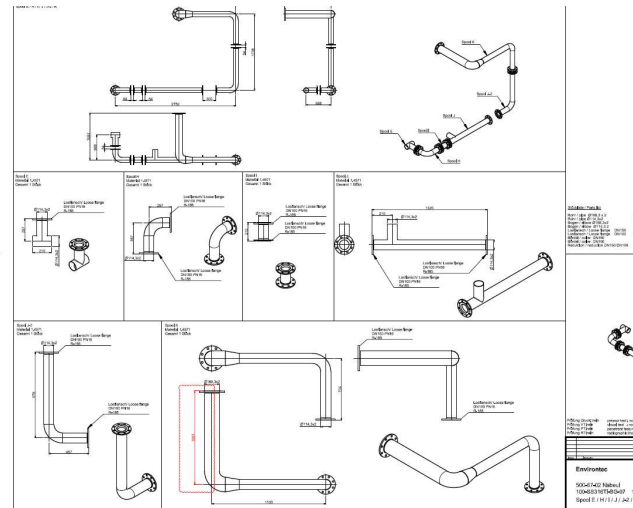


Services



Design and concept optimization of biogas lines

P&ID optimization biogas line WWTP Nabeul (Tunisia)



Design and manufacture of piping networks

Design and production of pipes at WWTP Nabeul (Tunisia)



Installation, commissioning and maintenance

Maintenance at Eisenhüttenstadt biogas plant (Germany)



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