



The world market leader in BioDiesel Multi-Feedstock Technology is now also offering Multi-Feedstock BioGas Technology [®]enbasys ENBAFERM. The patented [®]enbasys ENBAFERM technology represents the most advanced and economic solution in the area of anaerobic digestion with regards to design, engineering, construction and plant operation.

Whatever complex organic residues you have – this latest and highly efficient technology produces **BioGas from various industrial feedstock**, e.g.:

- Food Industry Residues (e.g. brewery spent grain, slaughterhouse residues)
- Organic Waste (e.g. kitchen waste, packed food waste, municipal solid waste/OFMSW)
- Biofuel Industry Residues (e.g. ethanol stillage, gums, distillation residues)
but also, if available but not necessarily
- Agricultural Residues and Produce

ENBAFERM advanced technology is especially designed to handle many different and challenging industrial feedstock which are available all year round

Feedstock can be converted separately and therefore more efficiently – no blending or inoculation with other feedstock is necessary

Guaranteed maximum possible efficiency and energy output from any feedstock

Due to these unique advantages, professional BioGas production with the Multi Feedstock [®]enbasys ENBAFERM System is not only viable but profitable.

Examples:

- Up to 100% of the energy needed during Ethanol production is supplied by Anaerobic Digestion of DGS / Stillage
- For the production of 100 gallons of beer, 5 gallons of heating oil are necessary. We are now able to replace the fossil fuel economically with biogas.

The most advanced Multi-Feedstock BioDiesel & BioGas Technology in the world.

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Our future. Clean energy.

The revolutionary **ENBAFERM** BioGas technology built around the unique fermenter design offers **advantages** such as:

- **highly reliable and stable biotechnological process** → accepting changing feedstocks
- **fully automated production** with low OPEX (Operation Expenditures)
- up to **3 times more throughput** due to low hydraulic retention time compared to conventional systems
→ fast degradation and rapid gas production and removal
- **no need of costly co-substrates**, like slurry or chemicals
- **compact in size** → the integration in your existing industrial plant is much easier

We provide **greenfield turn-key plants**, but can also offer tailor made solutions to be integrated in existing plant facilities.

We are also capable to support you with professional solutions for waste management (treatment), digestate (waste water) treatment, and the conversion system of BioGas into energy, like steam or electricity.

® **enbasys Products:**



Substrate
Management
(Waste Treatment)



Anaerobic Digestion



BioGas Treatment



Energy
conversion



ENBAIR
Digestate
(Waste Water)
Treatment

enbasys gmbh is part of a strong group of 6 affiliated companies with **650 highly educated employees**, serving our customers best by working closely together. The group has great experience in various business segments with worldwide references.

For further information, please contact:

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