



## Anaerobic Digestion (AD) Plant Reepham Road

United Kingdom

Client	Future Biogas Ltd.
Location	Reepham Road near Norwich, Norfolk, UK
Commissioned	2012
Input (feedstock)	Grass silage, maize silage
Total processing capacity	28,000 t/a
Raw biogas production	~ 670 m <sup>3</sup> /h or the equivalent of ~ 1.6 MW <sub>el</sub>
Digester	1 x 2,300 m <sup>3</sup>
Post-Digester	1 x 5,030 m <sup>3</sup>
CHP	1 x 1,560 kW

### Highly efficient and powerful

Near the English university town of Norwich in the east of England Agraferm built an biogas plant, which is **compact but at the same time highly efficient and powerful**.

This plant, which was commissioned in spring 2012, is characterised by its **optimum output relative to the space the AD plant takes up**. This is made possible by the **high dry matter organic loading rate of the AD plant** and at the same time **high degradation of the feedstock used**.

The plant supplies around 3,000 households in the town as well as **supplying a local abattoir with heat and electricity**.



Agraferm GmbH, which is based in Pfaffenhofen, Germany, designs and builds Anaerobic Digestion plants. It is one of the few full service providers of turn-key agricultural and industrial biogas plants in Europe, which operates internationally. Our portfolio includes project planning and construction as well as biological and technical services.

Agraferm biogas plants have the following distinctive features

- High reliability and maximum system availability
- A small footprint, i.e. high biogas production with a minimum of land use
- Use of robust components such as digesters, agitators and pumps, these reliable components prolong the operational life of the AD plant
- Stable digestion process
- Industrial-quality plant construction

The advantages for you

- Minimum operating costs
- Optimum level of substrate flexibility
- Minimal risk of downtime
- Maximum cost-efficiency and minimal power consumption

We are committed to the long-term success of our customers through

- Planning, construction and service from a single source
- Biological and technical support services
- Many years experience with CHP-units and biomethane gas to grid injection

# agraferm

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