

reliable · efficient · profitable



## UK REFERENCES

Pipeline to 1.26 TWh  
of biogas per year

UK Market Leader in Biomethane/G2G

### Advantages at a glance

- Funder-proven track record
- Awarded performance
- Versatile system from solid to liquid / from waste to agro
- High Load Process enables small footprint and low OPEX.
- EPC wrap or technology provision

**agraferm**



# Our UK Pipeline to Success



2005	2006	2007	2008	2009	2010	2011	2012	2014	2015	2016	2017
First AD plant based on Agraferm's patented High Performance Digestion and 250 kW <sub>el</sub> from 100% grass only: Hohenwart, Germany	German Governmental Biogas Monitoring: Ranking among Top 5 plants out of 60	First patents on Agraferm laminar paddle mixers Majority engagement in BTA International GmbH – adding waste treatment to the portfolio First AD plant doing chicken muck	Itzig, Luxemburg, first project based on combination of Agraferm AD concept and BTA waste treatment concept	Best Practice Award German Agricultural Ministry	Agraferm goes international: Italy, Czech Republic, Belgium	Kalsnava, Latvia Industrial mono-fermentation: treatment of 160,000 t pa waste from bioethanol production	Mestecko, Slovakia AD from cattle dung	Perezhir, Belarus Plant for the National Academy of Agriculture Mechanization	In-House Technology for membrane based gas-to-grid upgrading technology	Europe's biggest AD plant? 17.5 MW <sub>el</sub> equivalent: power, biomethane and ORC	India: second AD plant for sugar industry



# Agraferm Profile

Agraferm is one of the few globally operating European EPC contractors and technology providers for anaerobic digestion and the utilization of the respective biogas/biomethane. Our High Load Process has been awarded "Best Practice" by the German Government. Their Monitoring Program especially highlighted the methane productivity and minimum parasitic load. By this, our bespoke systems provide maximum liability and flexibility, minimum foot print and very low OPEX.

Our Clients belong to food industry, energy suppliers or just profitably thinking farmers. We built Europe's maybe largest agro biogas plant providing 55 mio m<sup>3</sup> biogas – about 35 MW for electricity, ORC and BioCNG in parallel. Our in-house branch BTA International provides hydro-mechanical pre-treatment and digestion of polluted wastes – the recognized BTA process®. Together, the group installed more than 140 references worldwide.

## Our services include:

- Planning & design
- Supply or EPC
- Operation & maintenance
- Biological & technical support
- Process optimization, expansion & refurbishment

## Testimonials



**Philipp Lukas**

Managing Director Future Biogas Ltd.  
Director ADBA and Chairman EBA-CAC

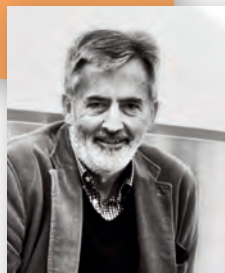
*»We appreciate the high quality of design and engineering in all our Agraferm plants. They are constructed to professional standards to ensure reliable long life operation and consistently exceed our expectations.«*

*»As a waste operator, being able to process a wide range of feed-stocks is important to us. This feature, along with the solid and robust construction, led us to choose Agraferm technology for several projects.«*



**Charles Course**

Chairman of  
Material Change Ltd.



**Nick Finding**

Director JV Energen LLP

*»We chose Agraferm for the quality and superior technology of their plants, and have enjoyed a good working relationship with them. The AD plant has performed well and was integral in how we pioneered the bio-methane injection work in the UK.«*



**BIOGAS &  
ANAEROBIC DIGESTION  
BIOMETHANE  
WASTE TREATMENT**

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