

# Gemidan Ltd (Gemidan Ecogi A/S)

## Food Waste Pre-treatment Technology

Whitchurch, Shropshire

ECOGI, developed by Gemidan Ecogi A/S, is a top performing pre-treatment technology for source separated food waste that produces a superior quality substrate for biogas production using Anaerobic Digestion (AD).

ECOGI's independently verified and commercial scale tested key performance outcomes include:

- ◆ ability to treat feedstocks that contain over 20% physical contamination
- ◆ organic materials capture rate of over 95%
- ◆ substrate purity from physical contamination of 99.96%

ECOGI's substrate is proven to enhance gas yield, reduce digester retention time and produce a virtually contamination free digestate.

Gemidan Ecogi A/S's service package includes bespoke design, manufacture, installation and on-going maintenance for ECOGI installations.

### Products and Services

- ◆ ECOGI food waste pre-treatment technology
- ◆ ECOGI food waste pre-treatment technology – independently verified key performance outcomes.
- ◆ Be-spoke layout design service
- ◆ Fully automated operation and process management system
- ◆ Remote process monitoring and fault identification
- ◆ Customer defined service support and maintenance packages



Continued on next page...

[www.ecogi.dk](http://www.ecogi.dk)

## Gemidan Ltd (Gemidan Ecogi A/S)

Product / Service	Benefit / Unique Selling Point	Web page / YouTube link
ECOGI food waste pre-treatment technology	One stop shop for Danish high-performance technology - manufactured, installed and commissioned.	<a href="#">Click here</a> <a href="#">Also click here</a>
ECOGI food waste pre-treatment technology – independently verified key performance outcomes	Awarded EU Environmental Technologies Verification 'Statement of Verification February 2016'.	<a href="#">Click here</a>
Bespoke layout design service	ECOGI installations individually designed to meet client's individual space and operational needs.	<a href="#">Click here</a>
Fully automated operation and process management system	Lower operational costs due to reduced need for manual supervision of technology.	
Remote process monitoring and fault identification	Facility for 24/7 remote operations monitoring via internet connection.	
Customer defined service support and maintenance packages	Supporting customers to maximise their processing potential.	

### Opportunities

Gemidan is seeking new market opportunities in the following areas:

- All bioresource recovery initiatives requiring the pre-treatment of waste streams containing organic materials to remove physical (non-organic) contaminants.
- New opportunities in the food waste Anaerobic Digestion and biogas sector
- Developing new bio-resource recovery processes from food waste feedstocks
- Initiatives to recover energy or material resources from mixed residual municipal waste

### Geographical Coverage

Open to enquiries from around the UK.

Enquiries from all around the world welcomed with a response within 48 hours.



### Gemidan Ltd (Gemidan Ecogi A/S)

The Hollies  
Chester Road  
Whitchurch  
Shropshire  
SY13 1LZ



### Tony Pickess

T: 07718 982610

E: [tony@gemidan.dk](mailto:tony@gemidan.dk)

[www.ecogi.dk](http://www.ecogi.dk)