

**BioWayste**  
com

# We can solve the ultimate challenge to increase sustainable energy use, save money and lead UK businesses to a greener future quicker

Waste treatment is just a drain on resources - or that's at least how it often seems. For many industries this needn't be the case and BioWayste can show you why:

For industries that produce relatively high strength liquid wastes the options for disposal have traditionally been limited to:

- Discharge to sewer – and pay the local Water Company to treat it for you
- Build your own waste treatment plant – and carry the additional OPEX burden
- Tanker it away – and pay someone else to dispose of it for you

For a very limited few there's been one further option; treat the waste anaerobically and recover the energy produced to help offset the cost of treatment. Why only a limited few? Well, the capital cost of anaerobic treatment plants has traditionally placed them out of reach of all but the largest of organisations.

BioWayste is here to change all that.

20 years of R&D has resulted in the compact, modular and cost-effective BioWayste system that brings anaerobic digestion within reach of all but the very smallest of businesses.

The unique BioWayste Anaerobic Digestion process offers a far greener alternative to traditional waste disposal options by creating electricity for use in industrial processes or sale to the Grid. Given that this process can actually provide positive cash flow and save money, it truly is the environmentally friendly option to waste treatment.

**BioWayste's high rate reactors can process waste in a fraction of the time required by conventional anaerobic reactors. This results in a compact footprint, minimal operational requirements and perhaps most importantly, cost savings.**



# The UK's fastest anaerobic waste to energy specialists

Turning

your waste

into

your energy

## Turning Your Waste into Energy

Conventional waste treatment options are energy hungry and it's no secret that energy costs are on the increase. The BioWayste process is different – it actually produces energy, so it slashes treatment costs and rapidly becomes a cash positive investment.

Our unique high rate Anaerobic Digestion process produces a Biogas, a mixture of methane and carbon dioxide. The BioWayste system burns these gases to produce highly sustainable electricity and heat. These valuable resources can be returned for use in the production process or, as it qualifies for Feed-in tariff rates or Renewable Obligation Certificates, the electricity can be sold to the Grid - creating a new income stream. And that's not all; some of this sustainable energy is used as an alternative to fossil fuels to power the BioWayste plant, meaning that the plant itself also has the lowest possible carbon footprint!

**BioWayste Anaerobic Digestion plants use smaller, modular reactors. This enables the plant to only require minimal capital investment, single contractor implementation, reduced time frame, planning and civils, as well as removing any engineering and design risk.**

There are two key components in our AD plants, each performing a specific function; these are the services skid and the reactor module. The small footprint services skid enables simple monitoring, control and manipulation of the feed substrate profile, to ensure the process runs efficiently and stably. The small, high rate M60 Reactor Module efficiently retains the biomass required to ensure optimum substrate biomass interaction.



# How can we help you?

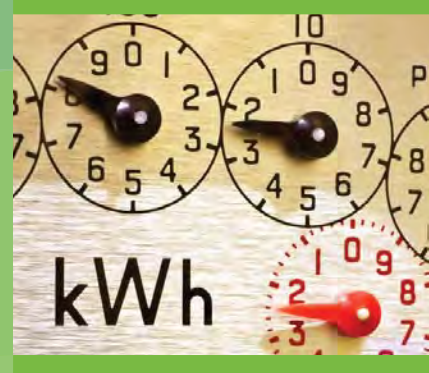
The BioWayste process offers distinct benefits over other forms of waste disposal. Its high rate processing ability, small footprint and minimal capital requirements make it ideally suited to a wide range of applications. Couple that with minimal operational requirements and the ability to actually generate an income from waste and it's not hard to see why there's so much interest in this technology right now.

All you need to do is pick up the phone – we'll do the rest.

Not only are BioWayste here to help you lower your costs and help you benefit from new incentives like the Feed-in Tariff and ROCs, but it has been proven that treating your waste in a green and sustainable manner can help your profits too. By publicising the fact that you use an environmentally friendly form of waste management, you are likely to add value to your own business, attracting new customers and increasing your profits.

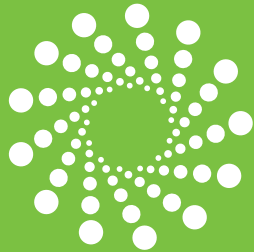
From providing individually designed Anaerobic Digestion plants for small businesses to specifying complete waste to energy systems for some of the country's best known companies, no job is too big or too small for us. BioWayste have found they are the ideal waste management solution and are experienced in designing least cost waste-to-energy processes for a wide range of different waste streams.

Not sure if your waste could be turned into a resource? Why not let us take a look at it for you, it costs nothing and we'll give you a rapid assessment as to whether a BioWayste system could work for you. We'd love to hear from you, so give us a call and tell us about your waste!



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