

Could your waste become another income stream?

Together, the Biorenewables Development Centre and Aqua Enviro can help you make the most of your wastes and effluents by integrating valorisation and waste management approaches.

An increasing range of techniques is now available to add value to (or 'valorise') unavoidable wastes in the food and drink, petrochemical and other sectors, and can turn one sector's wastes into raw materials for another. These techniques complement existing solutions such as on-site effluent treatment, land application, animal feed, anaerobic digestion and composting.



Making the most of wastes and effluents

Integrating valorisation and final waste management approaches.

What does valorisation mean?

Adding value. At its simplest, this might mean using the waste or effluent for energy via anaerobic digestion, or extracting nutrients to use as fertiliser.

Newer techniques allow specific compounds to be extracted for use in high-value markets such as food and pharmaceutical manufacture. While such options can appear extremely attractive, the commercial reality may be very different – and any investment decision needs to account for impacts on existing processes, particularly on-site effluent treatment.

How could we help your business?

Understanding whether valorisation can genuinely add value is the focus of our joint service.

A typical package could:

- **Identify** techniques for making use of your wastes
- **Compare** promising options with your priorities
- **Test** the effect of applied options to the downstream process
- **Assess** the regulatory impact of the shortlisted options
- **Develop** a business case to support the suggested intervention

Get in touch discuss how we may be able to help you.

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