

Waste, Technology and Renewables

For further advice relating to waste technology, market assessments, renewables or procurement, call **01454 269237** or email peter.cumberlidge@enzygo.com

BRISTOL OFFICE

The Granary
Woodend Lane
Cromhall
Bristol GL12 8AA
Tel: 01454 269237
Fax: 01454 269760

kevin.parr@enzygo.com

SHEFFIELD OFFICE

STEP Business Centre
Wortley Road
Deepcar
Sheffield S36 2UH
Tel: 0114 2903677
Fax: 0114 2903688

matt.travis@enzygo.com

Please visit our website for more information.

www.enzygo.com



‘Experience and expertise
working in unison’

www.enzygo.com



Waste Technology, Renewables and Procurement

enzygo works for clients to ensure that the benefits of our experience provides added value in the development of new waste treatment and renewable energy infrastructure. We provide specialist support in technology for waste treatment, assessment of market opportunities, and in the evaluation and planning of

renewable energy projects.



We have extensive experience in working for waste

technology suppliers, waste management companies and the public sector both in consultancy and project development roles

Technology Assessment

The treatment of waste is a major priority for local and central government in order to divert waste from landfill sites and conform to UK and European targets. As the waste industry moves from landfill to waste processing, the selection of treatment technologies has become a key aspect of future waste management development. However with increasing choices in a wide range of technologies, together with the requirements of local authorities, suitability of available sites, the waste streams to be processed, and the potential for renewable and "ROcable" energy, making the right choice of technology can be a challenging process.

Enzygo has extensive practical and technical experience of established and new waste technologies including thermal and biological treatment. Our technical and commercial skills enables us to advise and assist clients in assessing technologies at an early stage of development to minimise lengthy and costly development risks and ensure that the correct technologies are selected for the right project.

Market Assessments

The waste management and renewable energy sectors are a rapidly changing market with legislative changes, changes in government policy and increasing commercial opportunities driven by rising waste management costs and renewable energy requirements. Waste technology suppliers, project funders, potential new entrants and even public sector clients need to understand the changing dynamics and the opportunities that this presents across the entire sector.

Given Enzygo's experience of the waste management and renewable energy markets, we are able to advise clients on the development opportunities within this sector regardless of where they may be positioned in the supply chain – waste or fuel generator, waste processor or technology supplier, waste management company or local authority.

Renewable Energy

Enzygo advises clients on opportunities for development of renewable energy projects whether for the generation of energy from waste products and biomass, or wind. Our experience in the development of renewable energy projects for various biomass fuels allows us to advise clients on various aspects of the development of new infrastructure from sites, planning technology and power and renewable energy sales.

Our services include:

- Technology advice and assessment - choice of the right technology for the right feedstock for the right site
- Advice on renewable energy legislation and power purchase agreements
- Identification of fuel and feedstock requirements and opportunities
- Site identification, feasibility and development study appraisals, negotiation and acquisition
- Planning and permitting advice

Waste Contract Procurement

The procurement of new modern waste management infrastructure for the processing of municipal solid waste is a complex and lengthy process. The tendering of large waste management contracts requires significant input, resources and preparation, together with careful planning. Given the level of activity in the MSW sector the bidding of one or more contracts can put a resource strain on even some of the largest waste management companies, and be a financial impediment to others.

We have experience in advising and supporting public and private sector clients in the procurement of large PPP/PFI funded waste management contracts.

The range of services we can offer as technical advisors includes:

- Treatment technology for selection and solution development
- Project and bid risk assessment and mitigation
- Identification and assessment of sites and negotiation with land owners
- Planning assessment of identified sites, planning & permitting support
- Bid management and development of documentation for each stage of the bidding process
- Attendance at competitive dialogue meetings with clients & advisors
- Preparation and Completion of contract documentation
- Waste flow modelling
- WRATE modelling and assessment of carbon impact and GHG emissions