

New partnership brings unique design engineering solutions to the UK waste sector

Improving the performance of UK recycling, resource recovery and waste treatment facilities is the aim of a new partnership that brings together two global experts in process design engineering.

[MWH](#), one of the world's leading environmental engineering consultancies, and [HTP](#), a renowned German provider of engineering services to the waste sector, have combined forces to provide the UK's most comprehensive service for designing and developing effective, efficient and reliable waste facilities.

Because MWH and HTP are independent from specific equipment manufacturers and suppliers, the partnership is uniquely placed to deliver significant performance advantages for waste projects across the UK, as well as time and cost efficiencies for clients.

Specifically, the services provided by the partnership include:

- Feasibility – waste characterisation and project technology selection
- Conceptual design – project development
- Detail design – conventional or within a design and build consortium
- Client technical advisor
- Trouble shooting of existing treatment plants e.g. 'de-bottle-necking' or refurbishment to treat new wastes

“Knowing which technology or combination of technologies to opt for – each with their own strengths, weaknesses, risks and benefits – can be minefield that few local authorities or waste contractors have the time or resources to navigate”, said Andy Milsted, Manager, Resource Efficiency and Waste Management, at MWH.

“The partnership with HTP allows us to develop technologies and processes on the basis of theoretical considerations, practical tests and decades of experience in designing, constructing, supervising and commissioning recycling and waste treatment plants. While it is dependent on the client's specific objectives, our design solutions have delivered improved efficiency, lower maintenance costs, greater reliability, higher yields and improved

product quality for new projects as well as existing facilities where performance is not up to scratch. “

The MWH-HTP partnership brings together extensive experience of anaerobic digestion (AD), mechanical biological treatment (MBT), energy-from-waste (EfW), biogas management and utilization, and technologies for materials sorting and separation. In fact, MWH is already working on a number of waste projects in the UK, including engineering design for Viridor's EfW CHP plant in Runcorn, Cheshire – one of the largest waste and renewable energy projects in the UK.

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About MWH

MWH is a private, employee-owned firm with approximately 7,000 employees worldwide. The company provides water, wastewater, energy, natural resource, programme management, consulting and construction services to industrial, municipal, utility and government clients in Europe, the Americas, Middle East, India, Asia and the Pacific Rim.

MWH has worked in the UK for over 160 years and has designed, built and managed hundreds of waste management facilities across the globe for waste streams ranging from sewage treatment sludge and bio-residuals over domestic solid waste to hazardous industrial waste and medical waste. References include controlled landfills, materials sorting and recycling facilities, mechanical biological treatment plant, mass burn Energy from Waste plants as well as gasification plants and biomass power plants. MWH has also designed many of anaerobic digestion plants for sludge and organic waste, often in combination with cogeneration and digestate treatment.

For more information please email mwhuk.info@mwhglobal.com or visit www.mwhglobal.com

About HTP

HTP is one of the leading engineering-consultants in Germany for waste sorting and recycling. Founded in the early 1990's, it has designed over 50 reference plants in Germany and Northern Europe, treating a wide variety of waste such as municipal solid waste, dry

*recyclables from source segregation, food waste and various other organic waste streams .
HTP has worked with all leading European mechanical equipment and process suppliers
and thus has a clear understanding of the capabilities of each supplier and their equipment.
HTP is independent and so is able to design the most appropriate waste processing
solution, independent from specific suppliers.*