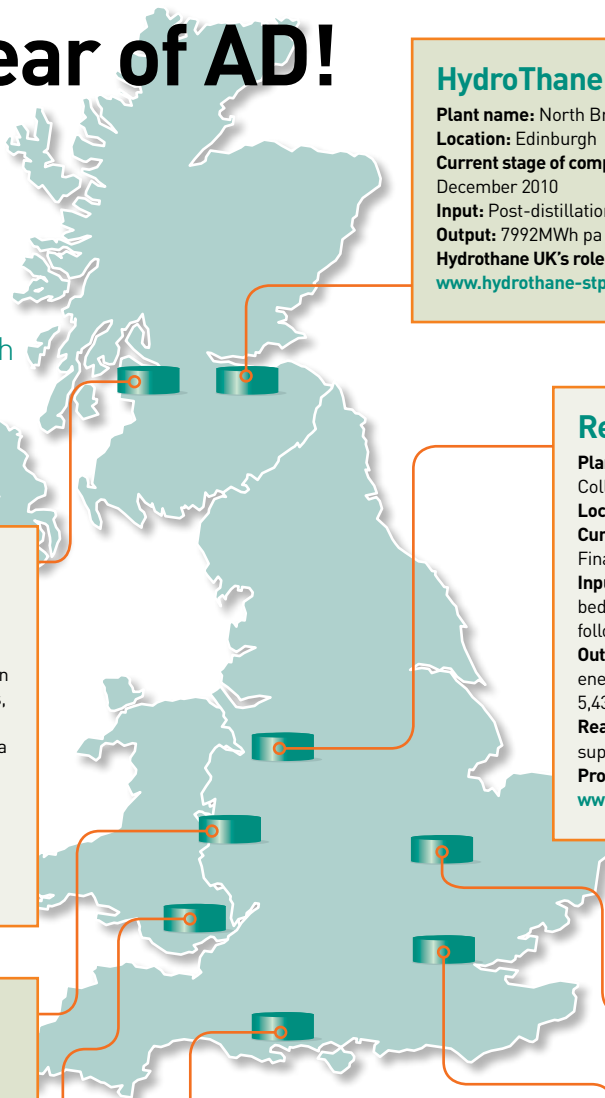


2011: The year of AD!

If you thought that 2010 was an exciting time for the AD industry, just take a look at what 2011 is promising. Here are some of the new plants that members are involved with, stretching the length of the British Isles.



Zebec Energy

Plant name: Barkip for Scottish and Southern Energy
Location: Dalry, Ayrshire
Current stage of completion: Under construction
Input: 75,000 tonnes per annum (tpa) of waste foods, manures and organic effluent sludges
Output: 8,000 tpa of organic fertiliser; 20,000MWh pa of electrical energy
Zebec's role: Project developer, management services and facility operations
Projected completion date: March 2011
www.zebecenergy.co.uk



PlanET Biogastechnik and UK (South) Sales Partner Triangle Limited

Plant name: Great Ynys Farm
Location: Hereford
Current stage of completion: Under construction
Input: Chicken manure, maize silage and cow slurry
Output: 250KWh CHP for electrical and heat energy
Triangle Ltd's role: Triangle are the Sales Partner for PlanET UK (South and Ireland) and are responsible for sales, electrical design and build, plant maintenance and servicing. Yorkshire Energy Solutions are the PlanET partner for UK (North)
Projected completion date: March 2011
www.triangletd.co.uk



InSource Energy

Plant name: InSource Energy (Rogerstone) Ltd
Location: Newport, Wales
Current stage of completion: Commission began 17 Jan 2011
Input: Waste generated by Premier Foods' factory operation: category 3 food waste (inc. packaged goods), potato wastes and DAF sludge
Output: 2,600 MWh pa or 300 KW of electrical energy, 3,500 MWh pa or 400KW of hot water - both heat and power will be supplied back to the factory
Digestate: 3,500te dewatered fibre to local farm
InSource Energy's role: Design, build, finance and 15 year operation
Principle Contractor: H2OK Water and Energy
www.insource-energy.co.uk



HydroThane UK

Plant name: North British Distillery Company
Location: Edinburgh
Current stage of completion: Commissioned December 2010
Input: Post-distillation liquor and evaporate condensate
Output: 7992MWh pa of steam, used within the distillery
Hydrothane UK's role: Design, construction and installation
www.hydrothane-stp.com



Reaseheath

Plant name: Reaseheath College Farm
Location: Nantwich, Cheshire
Current stage of completion: Final stage of construction
Input: Cattle slurry, pig slurry, straw bedding (manure, grass and sawdust to follow at a later date)
Output: 270.6MWh pa of electrical energy, 441.4MWh pa of heat energy, 5,431 tpa of digestate
Reaseheath's role: Design, build and support
Projected completion date: March 2011
www.reaseheath.ac.uk



Local Generation

Plant name: March
Location: Cambridgeshire
Current stage of completion: Under construction
Input: 30,000 tpa of food waste
Output: 1.2MWh pa of heat energy, 1.2MWh pa of electrical energy
Local Generation's role: Plant builder and operator
Projected completion date: Late 2011
www.localgeneration.co.uk



SEaB Energy

Plant name: Muckbuster (a standalone anaerobic digester)
Location: Bournemouth
Current stage of completion: Fully commissioned and operational
Input: Breadwaste
Output: 43.8 tpa of digestate, 78MWh pa of biogas energy
SEAB's role: Plant manufacturer and supplier
www.seabenergy.com



TEG Environmental

Plant name: London Sustainable Industries Park
Location: Dagenham, East London
Current stage of completion: Final planning stage, application to be submitted Spring 2011
Input: 50,000 tpa of food and garden waste
Output: 27,000 tpa of digestate, 14,000 tpa of compost, 1.13 MW of electrical energy, 1.15 MW of heat energy, providing power to light the equivalent of 2,000 homes
TEG's role: Design, build, finance and operation
Projected completion date: 2012
www.theteggroup.plc.uk