
Energy from Waste

A new way of
managing waste and
generating power

FLASH PYROLYSIS@YORWASTE

Yorwaste is building a revolutionary power plant at Seamer Carr, near Scarborough in North Yorkshire, to generate electricity and heat from domestic rubbish.

The advanced technology project is being developed as part of the New Technology Demonstration Programme run by the Department for Environment, Farming and Rural Affairs (Defra) and is being largely funded by Defra, private investors and Yorkshire Forward, the regional development agency.

The project involves the use of the most advanced flash pyrolysis technology to convert the non-recyclable element of domestic rubbish into a gas that can then be used as fuel for a power generation engine. The facility at Seamer Carr, which is due to become operational late 2008, is believed to be the first of its kind in the world. It is designed to process approximately 18,000 tonnes per annum of bio-degradable municipal waste into fuel, which will in turn be converted into a synthesis gas (Syngas) that has similar characteristics to natural gas. This gas will be used as fuel to generate more than 2 MW of electricity – enough for more than 2,000 homes.



Contact information

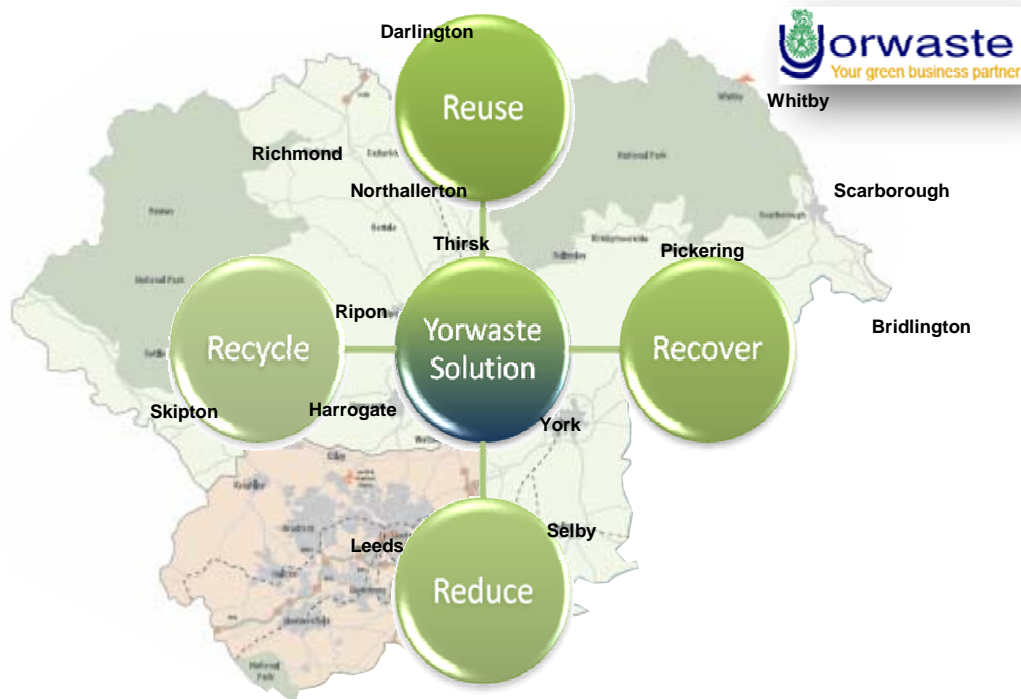
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Speak to an adviser : **0845 3008889**
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Solutions across the Region

One of our major strengths is that we offer a comprehensive collection service and a wide range of in-house waste processing solutions across the region, which uniquely provides our customers with an uncomplicated and transparent audit trail. All our facilities across the region are connected to our central server & data warehousing at our Head Office. This complete integration of vehicle movements and recycle/disposal route allows us to easily provide detailed information and waste statements to our customers.



The proximity of our processing facilities invariably means that the number of waste miles are kept to a minimum and our customers ultimately benefit from the associated reduction in the carbon footprint from vehicle movements.

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