

THE WASTE EXCHANGE AND REFUSE DERIVED FUELS (RDF)

Based in Manchester, The Waste Exchange offers waste producers the most cost effective and environmentally friendly way of disposing waste and fuel users high quality bespoke fuels to use as energy.

These Fuels, that are used as energy are known by a number of terms. These include Waste to Energy, Energy from Waste (EFW), Solid Recovered Fuel (SRF) and Refuse Derived Fuel (RDF).

Information for Waste Producers

The Waste Exchange can not only provide Waste Management companies and direct waste producers a safe place to dispose of their waste, but also the added benefit that all the waste received will be recycled or reused. That means none of your waste that we receive will be sent to landfill.

On receipt of your waste, The Waste Exchange will maximise the value obtained from the recyclable materials. Only residual, contaminated elements will then be processed into Bio-mass and Flock fuels.

If you require an innovative way to re-direct your waste from landfill in an economic and environmentally responsible way – come to The Waste Exchange.

Information for Fuel Users

The Waste Exchange is searching for like minded companies who are looking to use our fuels to provide an alternative source of energy to traditional routes. Turning waste into energy by manufacturing high quality secondary fuels, The Waste Exchange offers fuel users high quality bio mass and flock fuels. Few businesses have the capacity, expertise or experience to turn the innovative technology into reality and produce high quality secondary fuels.

Consultancy

The Waste Exchange also offer advice and consultancy services to businesses wanting to plan, design or optimise their transfer stations or develop materials recycling strategies.

Tomorrow's Fuels, Today

As our world becomes more environmentally aware.... Your Waste is our fuel.

We produce 106 million tonnes of commercial, industrial (C+I) and household waste in England and Wales each year.

Around 54% of C + I waste and 83% of municipal waste is landfilled. Regulatory and environmental pressures require that these levels are greatly reduced.

The Waste Exchange, based in Manchester, aims to redirect waste that is destined for landfill to re-use, by transforming Industrial, commercial and household waste into fuels for manufacturing and renewable energy.

This type of fuel is referred to as Refuse Derived Fuel (RDF) or Solid Recovered Fuel (SRF).

Refuse Derived Fuel (RDF) is a fuel produced by the processing of commercial waste.

The organic elements of commercial waste (biodegradable waste including plastics) are the principle components of RDF.

How is Refuse Derived Fuel produced?

Having removed valuable recyclable materials, such as glass, ferrous and non-ferrous metals, the remaining commercial waste is treated to remove harmful pollutants.

Utilising the latest technology and industry leading expertise, The Waste Exchange produces high quality secondary fuels to varied specifications for a variety of end users and clients.

As our business stems from established specialists in Waste Management, our business has always been to understand the legal, environmental and ecological issues of waste management, however fast they may change.

“ The Waste Exchange is committed to Environmental Protection and will seek profits only through activities that leave the earth safe and healthy. The Group will, whenever possible, update its practices in light of technological advances in environmental science.”

Environmental requirements are the driving force behind changes in waste management. Waste gives rise to a variety of environmental hazards, such as carbon emissions, land pollution and resource scarcity.

Source : <http://www.hicow.com/solid-recovered-fuel/energy-from-waste/waste-management-1.html>