



Hills Waste Solutions
**Taking on the
resource challenge**



Hills Waste Solutions

Taking on the resource challenge with ...

- **Waste management strategy**
- **Waste-to-energy**
- **Dry mixed recycling**
- **Household kerbside recycling**
- **Household waste recycling centres**
- **Non-hazardous and hazardous waste landfill disposal**
- **Skip and bulk container hire**
- **Trade waste collections**
- **Waste compaction service**
- **Waste transfer stations**
- **Materials recovery facilities (MRF)**
- **Mechanical biological treatment**
- **Composting**
- **Wood chipping**
- **Leachate water treatment**

Good waste management makes good business sense

The changing face of waste



Managing our waste more sustainably is one of the great challenges of our time.

The drive to reduce, reuse, recycle and recover is one in which we all need to engage as individuals but is even more pertinent to local authorities and businesses. The Government has set councils tough landfill reduction targets and companies face similar penalties if they fail to meet their responsibilities as major producers of waste.

Good waste management also makes good business sense. It has been estimated that manufacturers could make savings equivalent to 1 per cent of their turnover by instigating simple but effective techniques to minimise their waste.*

The issues for the major producers of waste can be complex, with the result that the process can be both costly and time consuming. It is against this backdrop that Hills Waste Solutions offers a range of specialist waste management services over a wide area of western and southern England.

The greatest value we give to our clients lies in our expertise, ideas
and relationships

Tailoring our approach to your needs



Our mission is to help our customers in both the private and public sectors reduce, reuse and recycle their waste. We also specialise in recovery of the energy potential associated with certain wastes. For the instances where the desirables of recycling and recovery are not possible, we have highly professional and closely regulated landfill disposal services that deal with non-hazardous and hazardous wastes.

Hills Waste Solutions is part of the Hills Group which has evolved over its 110 year history into a range of complementary businesses. We aim to combine traditional values of personal, tailored individual service with leading edge delivery operations to offer unique customer focused service. We regard each project as bespoke and firmly believe that the greatest value we give to our clients lies in our expertise, ideas and relationships.

ASPIRE DEFENCE SERVICES

Flexibility was the key to winning a waste management contract from Aspire Defence Services covering four MoD garrisons across Salisbury Plain and Aldershot. Charges were agreed on a 'pay by weight' basis which have facilitated accurate measurement of volumes of waste generated and recycled. Our Redtop Recycler service allows several recyclable materials to be collected in a single container.



The Red-Top-Recycler™ enables businesses to recycle a variety of materials without the need to separate and bulky it workplz the so recycl



There is now a range of alternative technologies that make it possible to use waste
to generate energy

Putting waste technology to work



Technology has an increasingly important role to play in minimising the volume of waste that goes to landfill. While materials such as paper, cardboard, wood, metal and plastic all enjoy high rates of recycling, there are still residual elements that remain which may either be contaminated or not cost-effective to recycle. It is at that point that new technology can step in to avoid the need for landfill. Hills Waste Solutions' main development activities revolve around recycling followed by recovery of residual wastes to generate energy. We believe that is the right way round.

There is now a range of alternative technologies that make it possible to use waste to generate energy. The answer may lie in biological treatment to generate compost and biogas or thermal treatment to generate heat and power; with the three main technologies being anaerobic digestion, mechanical biological treatment and gasification. We have the experience and contact with specialists internationally to put any of these technologies to work for our customers.

MECHANICAL BIOLOGICAL TREATMENT

We have been contracted to build and operate a £20 million mechanical biological treatment (MBT) plant in Westbury which will process 60,000 tonnes of local waste annually diverting []% from landfill and transforming part of it into a fuel for industry. The state-of-the-art plant will employ the latest technology, using natural microbes within the waste to accelerate decomposition and create fuel in just 14 days. It will also help Wiltshire to avoid fines by ensuring that it can meet its landfill diversion targets.



WASTE TO ENERGY

Methane produced by the degradation of waste within landfill is a valuable resource that can be profitably harnessed over a period of perhaps 30 years for a typical site. We have particular experience in maximising the use of the gas captured from individual sites and using high performance engines to generate electricity for sale to the National Grid. In a typical year, we generate 53,700 MWh at our two existing sites - enough to provide power for some 12,000 homes.



One of our great strengths lies in our capacity to bring together technology, logistics and infrastructure into a failsafe working arrangement

Making partnership pay



Partnership is the key to most successful waste management projects. Identifying solutions to specific customer challenges usually means piecing together a complex jigsaw in which every part is integral and the relationship with the customer is fundamental.

One of our greatest strengths lies in our capacity to bring together technology, logistics and infrastructure into a failsafe working arrangement that recycles and recovers as much of the customer's waste as is possible. We work closely with partners in both the public and private sectors and have a track record of successful outcomes and satisfied customers who come back to Hills Waste Solutions because they like our people and the way we drive the process and secure cost-effective outcomes.

WILTSHIRE COUNCIL

We provide a contracted waste management and recycling service to Wiltshire Council which has to date achieved a recycling rate of over 46 per cent, equating to a diversion of over one million tonnes of contract municipal waste from landfill. As part of the contract, we run a kerbside collection service serving 200,000 homes with an average participation of 68 per cent. We also operate 11 household recycling centres and more than 200 mini recycling sites.



HONDA

We have held a waste collection contract with Honda of the UK Manufacturing Swindon's plant since 2000. The project is one that employs a full span of our skills, where our on-site team gets involved as an adjunct to a massive production line. Our recovery and recycling levels are such that in 2010 we achieved the 'zero waste to landfill' target for the contract. This joint initiative between Hills and Honda won top honours at the 2010 Chartered Institution of Wastes Management (CIWM) Awards for Environmental Excellence, which recognise and reward good practice in sustainable waste and resource management.



We do our very best not just to minimise our impacts but to
give something back

Caring and responsible



We recognise that our operations, while beneficial to society, have the potential for impact upon the environment and on our neighbours in local communities.

High professional standards of performance are a prerequisite and are ensured by strict application of certified ISO 14001, ISO 9001 and OHSAS 18001 management systems.

As a family business with strong values, we care about the locations that give us our living and do our very best not just to minimise our impacts but to give something back. Over the past 15 years we have channelled some £8 million of landfill tax credits into environmental and other good causes.

We are also a business that depends more than most on the people we employ and we accept our responsibilities to them in terms of rewarding, fulfilling and safe employment. Their commitment further cements our social responsibilities to other stakeholders and to the environment.

www.hills-group.co.uk

WILTSHIRE WILDLIFE TRUST

The Hills Group has been an enthusiastic supporter of the Wiltshire Wildlife Trust for more than 20 years and has contributed over £5 million through the Landfill Communities Fund for the benefit of wildlife and biodiversity across the county. The Trust is one of many organisations to have benefited from Hills' support through either this tax credit scheme or direct sponsorship and donations.





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Accreditations and memberships

- Association for Organics Recycling
- Community First supporter
- Contractors Health & Safety Assessment Scheme Accredited Contractor
- Environmental Services Association
- Freight Transport Association
- Soil Association approved
- Wiltshire Wildlife Trust
- Wood Recyclers' Association

Quality, Environmental and Health and Safety Management Systems to the three international standards of ISO 9001, ISO 14001 and OHSAS 18001.

