



Recycling specialists for absorbent hygiene waste

Knowaste Ltd is the UK's first specialist recycling facility for disposable nappies, adult incontinence and feminine hygiene products - known collectively as absorbent hygiene products (AHPs). Knowaste brings innovative technology and proven expertise in recycling AHPs.

- Our technology is **state-of-the-art** and produces quality plastics and fibres
- Our process is **greener** than conventional waste disposal
- Our prices are **competitive**



Introducing Knowaste

Knowaste is the first company to provide a clean, environmentally conscious and cost-efficient way to recycle your AHP waste.

Clever technology for composite product

Designed for comfort and protection, AHPs consist of several materials - fibres to absorb moisture, super absorbent polymers to retain moisture and plastic membranes and tabs to keep the user dry and secure. Only Knowaste has invested the resources needed to make full use of this waste and deal effectively with contaminants.

The Knowaste recycling facility in West Bromwich, Midlands is treating 36,000 tonnes per annum. Looking ahead, further sites across the UK will be realised to offer more capacity and serve more locations.

AHP in the UK

The UK produces c.1 million tonnes* of AHP waste annually from the commercial and domestic sectors. With a growing and ageing population, the sales of these products are set to expand.

Our work with the commercial sector is capturing waste from washrooms, elderly care homes, child nurseries and hospitals. Working with the local authorities Knowaste can help meet Zero Waste and recycling targets and provide service and choice to residents.

Transforming plastics and fibres from AHP waste

The plastics output is used for a wide range of products: roof tiles, seed trays and wood substitute products in the landscaping and construction industries.

The fibres are reclaimed for green energy fuel or sterilised and recycled for use in corrugated board, blow moulded packaging, seeding mulch and as fillers in the road and construction sectors.



Our fibres can replace polystyrene in blow moulded protective packaging



626kg of CO₂e are saved for every 1 tonne of AHP waste processed with Knowaste. For a typical 36,000 tonnes p.a. plant, that is the equivalent to:

- taking 7500 cars off the road
- the total CO₂ emissions of 2000 UK citizens**

The Knowaste Know-How

You can rely on our proven expertise

Knowaste has been researching and developing waste treatment technology for processing absorbent hygiene products since the 1990's. Today our engineers have translated this experience into a custom made and practical solution for the UK market. We are utilising autoclave technology to produce sterilised final products suitable for a diverse range of reprocessing markets. In addition we operate a state-of-the-art odour and dust abatement system enabling Knowaste to operate in urban as well as industrial areas.

Knowaste promotes the waste hierarchy

In line with current waste policy, we divert waste away from landfill - the usual disposal method - and recycle it or convert it into green energy.

We can help you manage your disposal costs

Landfill shortages and tax increases are driving landfill costs ever higher. We can work with you for longer term cost stability.

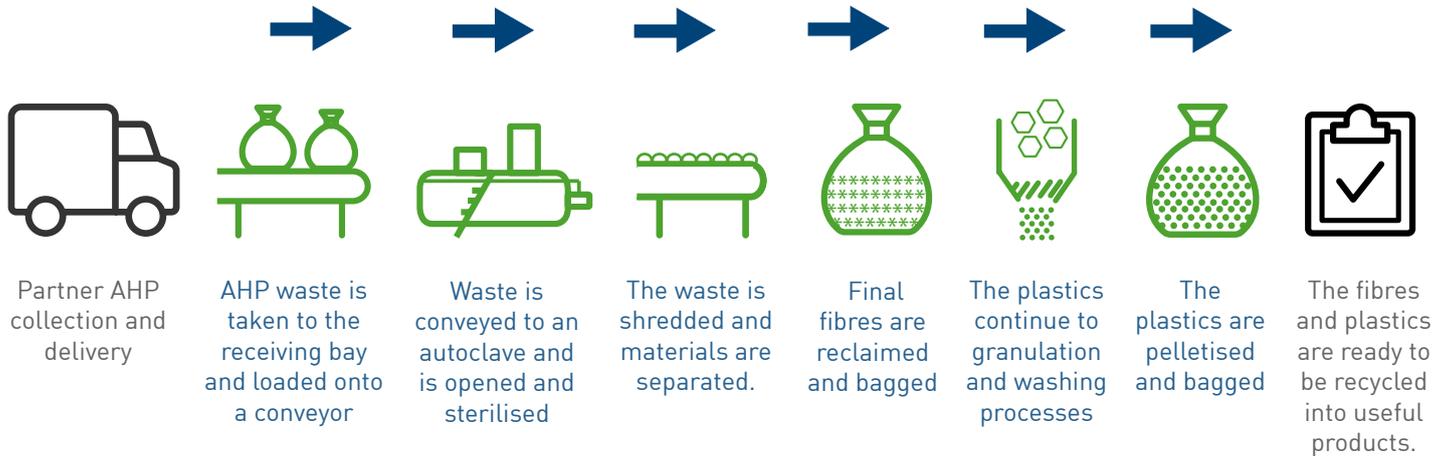
Significantly cut your greenhouse gas emissions

The Knowaste recycling process is a lower eco-footprint alternative to landfill and incineration, so your organisation - and your clients - can be confident that it is actively tackling climate change.

* Resource Futures

** 2010 absorbent hygiene products comparative LCA, Deloitte

Our state-of-the-art recycling process



A practical company to do business with

Whatever your waste requirements are, we can meet them

At Knowaste West Bromwich our fully trained staff work three shifts a day, and process 36,000 tonnes of AHP waste every year. Please talk to us today about the service we can offer you.

Knowaste is fully committed to the UK waste market

We develop mutually beneficial long-term partnerships with all stakeholders. We believe that by sharing knowledge and expertise with our customers, collection partners, policy makers and licensing bodies we can develop even more effective ways to deal with your waste.

"No one knows absorbent hygiene waste better."

Roy Brown, CEO



For more information on the Knowaste service, please contact us today:

UK Sales and Marketing Office:

+44 (0)121 580 0381

International Sales and Marketing Office:

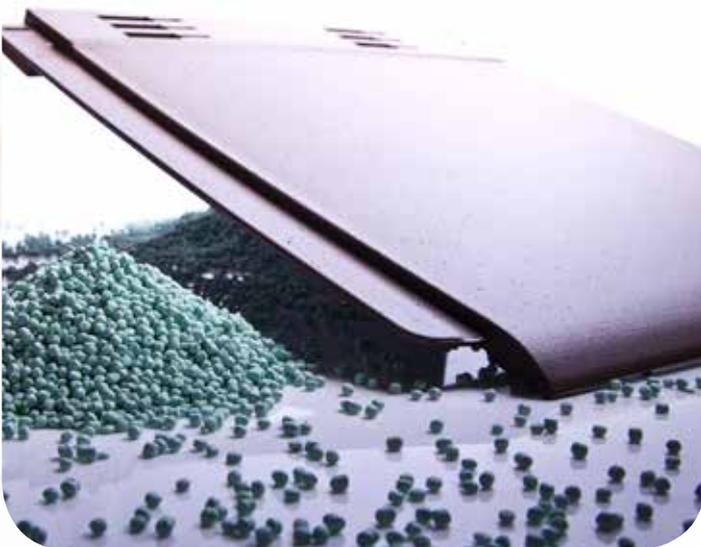
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You can visit our website and sign up for our newsletter at:

www.knowaste.com

Our address is:

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Roof tiles - just one of the product uses for the Knowaste plastics

100% recycled
When you have finished with this letter please recycle it.