

CASE STUDY

DIFFICULT WASTE INTO RECYCLABLE PRODUCTS



Business Challenge

Regular difficult waste generation
Large annual landfill tax costs
Low recycling efficiency vs target
High carbon footprint
Increasing raw material costs
Reducing profit point per unit

Service

Sustainable consultancy
UK Recycle Reuse Sourcing
Brokering & Price Negotiation
Back to back haulage,
treatment contracting
“Circular” promotional support

Savings & Benefits

Savings:
£30,000 per annum on disposal and landfill tax
Full contractual compliance and the safeguard of future works

Additional Benefits:

Supporting circular economies including permanent employment, enhancing brand



NATIONAL SERVICES OPERATOR

One of the largest and most diverse brands in the UK working for public and regulated sectors, employing 21,000 employees keeping daily life functioning in almost every neighbourhood across the England Scotland & Wales.

THE CHALLENGE

To ensure UK landfill diversion targets were being met to maintain contractual obligations our client needed to manage alternative treatment of one of the most wasteful products known;- mattresses. Hundreds of thousands of used mattresses per annum were being sent to landfill via public amenity sites and our client turned to us to provide a coordinated and sustainable solution.

THE SOLUTION

Thousands of mattresses per quarter are now being diverted from landfill with 100% of the mattress being treated, de-constructed with 100% of constituent materials reclaimed and reused for other products. A combination of automatic and manual interventions see Pu foam, polyester, jilt, mixed fibres, and metal segregated and sold as commodities all over the world to make other sustainable products including new mattresses, saving significant costs for our client through landfill diversion and helping to support a new circular economy.



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