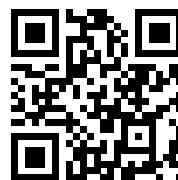


SKIP & WASTE

THE VOICE OF THE WASTE & RECYCLING INDUSTRIES



SCAN THE QR CODE
TO SIGN UP FOR
A **FREE** DIGITAL
SUBSCRIPTION



NEXT-GEN **ADS** AIR DRUM SEPARATOR



LATEST WINDSHIFTER TECHNOLOGY SETS A
NEW STANDARD FOR MATERIAL RECOVERY

EARN MORE FOR YOUR SCRAP METAL

S. Norton purchases all grades of ferrous and non-ferrous metals including end-of-life vehicles, waste electronic equipment, aluminium, copper, iron and steel. We'll collect or you deliver to our world class shredding facility, the only one of its kind in Manchester.

Why choose S. Norton?

- ✓ **Flexible Collection Options** – We operate a fleet of HGVs and provide a range of **containers to transport and store metals** across the North West. Have your own transport, why not deliver to us?
- ✓ **Competitive Prices** – Get **great rates** for your scrap metal, ensuring maximum value for your materials.
- ✓ **Fast & Efficient Payments** – We process payments quickly, so you get paid **without delay**.
- ✓ **Reliable & Professional Service** – **Responsible processing** to help businesses to achieve their sustainability goals.



Contact us today for the best prices and to arrange your scrap metal collection.

Call us:

0161 872 1740

Email us:

info@s-norton.com

Visit us:

www.s-norton.com





EDITORIAL VIEWPOINT

By **Brendan Gilligan**

A modern-day littering phenomenon has been puzzling and frustrating people in cities and towns across the country.

If you happen to be a non-smoker like I am, you might have noticed the peculiar stickers affixed to waste bins outside various establishments such as shops, supermarkets and pubs and wondered what they are. These stickers bear messages like 'PEEL OFF THE STICKER BEFORE USE' or 'OPEN TO ENJOY', which are directly linked to the growing issue of disposable vapes.



Originally, they were intended to prevent fluid leakage and protect air pressure sensors during storage. However, they are often discarded improperly, leading to significant littering issues and creating additional challenges for waste management teams.

Ultimately, taxpayers will bear the cost of cleaning and removing these vape stickers on bins, especially now that local councils are actively removing them, diverting resources from other essential street-cleaning tasks and thereby impacting the overall cleanliness of our neighbourhoods.

Fortunately, there is a silver lining: the introduction of a ban on disposable vapes that came into effect on 1st June. With this significant legislative change, the likelihood of these stickers becoming an enduring eyesore appears to be diminishing.

In response to the ban, several major brands have shifted their focus towards creating more sustainable options. Companies like Elf Bar, Lost Mary and SKE Crystal now offer innovative reusable and rechargeable pod systems. These systems allow users to keep the battery component and simply replace the e-liquid pods when they run low, promoting a more environmentally friendly approach to vaping.

So, the next time you peel off the stickers, please consider others and dispose of them properly in the bin, rather than sticking them on it!! Let's work together to keep our communities clean and beautiful.



EDITORIAL/PRODUCTION/ADVERTISING:

Brendan Gilligan

E: brendan.gilligan@pal-media.co.uk

CONTRIBUTORS

- Jonathan Caswell
- Gary Escott
- Jessica Morgan-Smith
- Anastasia Vayona
- Dr Anna Willets
- John Crawford
- Lisa Gillespie
- Marco Muia
- Tracey Westbury
- Dean Willshee



www.facebook.com/SkipHireMagazine



www.linkedin.com/company/skip-hire-magazine



twitter.com/SkipHireMag

EDITORIAL: GOT A STORY? 0161 482 6248

Send your stories, press releases and news/feature ideas to editor@pal-media.co.uk

SUBSCRIPTIONS: 0161 482 6248

ADVERTISING: 0161 482 6248

PRINTERS: Buxton Press Limited.

Skip & Waste magazine cannot accept any responsibility for unsolicited contributions.

No part of this magazine may be reproduced, stored in a retrieval system, or transmitted without permission.



INVESTORS
IN PEOPLE



Registered in England as a magazine: **ISSN 2756-0279**

Skip & Waste magazine is published by:

**Perfect Associates Limited,
Floor 2, Unit 7, Rhino Court, Station View,
Hazel Grove, Stockport, SK7 5ER**

Telephone: 0161 482 6248

Skip & Waste magazine™ copyright

© 2025 Pal Media Limited

www.skipandwastemag.co.uk

Recycling PVC, rewarding recyclers on time, every time!!!



- ✓ **FAST TURN AROUND**
- ✓ **THE BEST PAYMENT TERMS
IN THE INDUSTRY**

376 Higginshaw Lane, Oldham, OL1 3LA
Tel: 0161 470 7731 Email: frames@recyclingpvc.co.uk
Website: www.recyclingpvc.co.uk

CONTENTS

JUNE 2025

22



24



14



40



58



REGULARS

- 05 INDUSTRY NEWS
- 13 WASTE MANAGEMENT & SKIPS
- 24 WASTE & RECYCLING
- 39 INDUSTRY VEHICLES
- 62 JOHN CRAWFORD

BUSINESS CLINIC

- 10 LISA GILLESPIE
- 44 DR ANNA WILLETT
- 48 TRACEY WESTBURY
- 52 JESSICA MORGAN-SMITH
- 56 MARCO MUIA

INSIDE THIS ISSUE

12 INSIGHT

Strong legislation is essential for addressing fly-tipping and waste crime, according to Dean Willshee, Managing Director of Willshee's Waste and Recycling

14 INTERVIEW

A life in skips: Joanna Dyke, the award-winning Managing Director of Lostock Skip Hire Ltd, shares her inspiring story with Jonathan Caswell

22 COMPANY SPOTLIGHT

Axe Skips, a waste management company in Kilmington, Devon, is celebrating its 40th anniversary with a nostalgic look back at the business over the years, including decorating skips for the Axminster Carnival

24 ENVIRONMENTALLY FRIENDLY

Bradshaw Electric Vehicles introduces a new line of all-electric, compact refuse collection vehicles designed specifically for urban waste management

26 COVER STORY

Impact Air Systems proudly presents the revolutionary next-gen Air Drum Separator, engineered to significantly enhance the recovery of waste materials

40 DOUBLE TROUBLE

The Purvis Group has acquired two T 60-9 telescopic handlers from Liebherr to manage the high volumes of material from timber processing

58 WISHCYCLING

Research conducted by Anastasia Vayona shows that misleading marketing leads to greenwashed consumer behaviour and inefficient waste recycling

ESA calls for universal kerbside battery and WEEE collections

The Environmental Services Association (ESA) is urging the Government to implement universal kerbside collection for batteries and small waste electricals to tackle the rising number of battery-related waste fires.

In an open letter to Defra Minister Mary Creagh, ESA and other waste organisations highlighted new research by environmental consultancy Eunomia, which suggests that nationwide kerbside collections could reduce waste fires from over 700 to about 100 annually, yielding £5.67 billion in net benefits over 10 years.

Michael Topham, ESA Chairman and Biffa CEO, emphasised that the UK is facing an epidemic of battery-related waste fires, which pose serious threats to safety and infrastructure.

Currently, only 100 out of 391 local authorities provide kerbside collections for small mixed waste electrical items, covering just 23% of households.

The coalition is advocating for producer-funded collections through Extended Producer Responsibility (EPR) mechanisms, as proposed in Defra's 2023 consultation on Waste Electrical and Electronic Equipment (WEEE) reforms.

The research explored various collection models, finding that retrofitting existing collection vehicles for separate storage of batteries and electricals offers

the highest benefits.

The annual cost of retrofitting vehicles is estimated at £390,000, equivalent to approximately 70 pence per household.

For households using wheeled bins for recycling, the report suggests that residents present small electrical items and batteries alongside their existing bins on collection day, with crews placing these items in the dedicated cages.

Councillor Richard Wilkins, Lead Member for Transport and Waste at Somerset Council, which already offers the service, remarked that collecting batteries from the kerbside benefits both residents and the environment.

Option 2 from the Defra impact assessment proposed a UK-wide household collection system, funded by producers, at a cost of approximately £168 million over 10 years, while generating benefits of £203 million, resulting in a net present value of £35 million.

This system could divert an additional 73,000 tonnes of small WEEE for recycling, driven by material recovery, avoided landfill tax and reduced carbon emissions. However, it didn't factor in fire prevention benefits, which, according to Eunomia, could increase net benefits to £5.67 billion over a decade.

Additionally, the ESA reported that 64% of respondents to the consultation supported producer-funded collections.

Material Focus launch one million pound Circular Electricals Fund

WEEE recycling charity Material Focus has launched a £1 million 'Circular Electricals Fund' to develop a more circular electricals system in the UK. Many new electrical products are not designed for easy reuse and recycling, and the fund aims to support innovative solutions that extend the life of these products and reduce e-waste.

Funding of up to £150,000 is available for UK organisations, including industry bodies, non-profit organisations and universities. Applications are open until 14th August, 2025.

Scott Butler, Executive Director of Material Focus, stated: "We have funded over 60 projects that help 10 million people in the UK fix, donate and recycle electricals. We are excited to launch our Circular Electricals Fund to encourage innovative ideas that improve product design and resource efficiency while reducing environmental impact."

Projects should address key challenges, including:

Materials: New methods for recovering valuable materials from e-waste.

Product Design: Creating more durable and easily repairable electrical products.

Business Models: Services that promote reuse and waste reduction.

Judges are experts from diverse fields, including business, environment, technology and innovation.

SUBSCRIPTION OFFER - NEW SUBSCRIBERS ONLY

GET 12 ISSUES FOR ONLY £30
(THAT'S ONLY £2.50 PER ISSUE)

Are you a digital subscriber or a new reader?

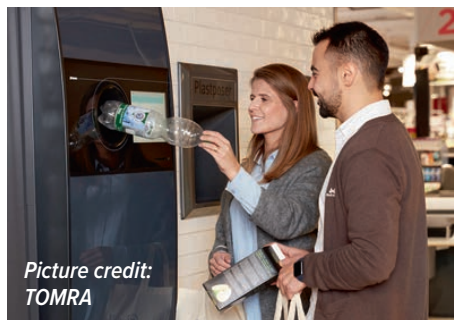
Would you like to receive a hard copy of *Skip & Waste* magazine every month? You can have it delivered to your company address or dropped through your door for reading in the comfort of your home.

Get ahead of the game and subscribe for 12 months today for **only £30!** That's a 50% discount off the regular retail price of £60. **Don't miss out on this exclusive deal!**

To subscribe visit

www.skiphiremagazine.co.uk/subscribe/
or email editor@pal-media.co.uk





Picture credit:
TOMRA

Government appoints DRS scheme operator

The UK Government has announced the establishment of the UK Deposit Management Organisation (UK DMO) as the official operator of the upcoming Deposit Return Scheme (DRS).

Scheduled to launch in October 2027, the DRS will apply to single-use plastic and metal drinks containers with a capacity ranging from 150ml to three litres across England, Northern Ireland and Scotland.

Under this scheme, consumers will pay a deposit on these containers, which can be reclaimed by returning them at designated take-back points.

The DRS aims to increase recycling rates and keep more drinks containers in circulation, thus supporting the transition towards a circular economy.

In a joint statement, the UK DMO board said: "The DRS presents an opportunity to make a significant advancement in the circular economy in the UK, and the establishment of the DMO is a major milestone in that journey. We understand the scale of the challenge ahead, but our goal is straightforward: to create a system that is fair, efficient, and easy to use."

"Our work is already in progress, and we will collaborate closely with governments, businesses of all sizes, environmental groups and consumer organisations to advance as quickly as possible."

As a not-for-profit entity formed by industry stakeholders, the UK DMO will be responsible for designing and operating key components of the scheme. This includes producer registration, logistics, financial systems, fraud prevention and public communications.

The organisation was incorporated on 26th February, 2025, and its board consists of representatives from large and small producers, supermarkets, convenience stores and wholesalers.

The Scottish Government has also confirmed the UK DMO as its scheme administrator.

Government provides Circular Economy Strategy update at Festival of Circular Economy

Emma Bourne OBE, Director of Circular Economy at the Department for Environment, Food & Rural Affairs (Defra), spoke at the recent Festival of Circular Economy in London about the UK Government's commitment to a sustainable, resource-efficient economy. She outlined current priorities in the transition to a circular economy, emphasising the economic benefits of sustainable supply chains.

Bourne provided updates on the emerging Circular Economy Strategy for England and roadmaps for priority sectors like agri-food, built environment, chemicals, transport and electronics. She highlighted the role of the Circular Economy Taskforce in breaking down barriers and supporting businesses in this transition.

Dan Cooke, Director of Policy, Communications and External Affairs at CIWM, commented: "Defra's update on the UK's circular economy strategy highlights the festival's role in uniting a global community dedicated to this transition. We're encouraged by the progress and



Emma Bourne with David Greenfield and Andrew Morlet from the CE Taskforce

reaffirm CIWM and the Circular Economy Institute's support for this essential strategy."

The Festival of Circular Economy is an immersive event that combines virtual and in-person activities. Organised by The Circular Economy Institute, it brings together global leaders in circular economy, sustainability and waste management to promote the transition to a sustainable economy that fosters growth, creates jobs and supports net zero emissions.

Hartlepool boss wins business leader award

Vikki Jackson-Smith, Managing Director of J&B Recycling, part of FCC Environment, was named Female Business Leader of the Year at the British Business Awards 2025, held at the Edinburgh International Conference Centre.

Starting her career at just 16 as a weighbridge officer in her family's business, she transformed a small solid fuel company into a globally recognised recycling enterprise.

Taking over the business in her early 20s, Vikki shifted from coal to recycling, preserving 30 jobs and growing the company to nearly 200 employees, processing over 200,000 tonnes of waste annually.

J&B Recycling, based in Hartlepool, expanded significantly after being acquired by FCC Environment in 2024, where Vikki continues to lead.

After receiving the award, Vikki expressed pride in her team's achievements, highlighting their



Vikki Jackson-Smith was presented with her award by actor and comedian Rob Brydon

contributions to the waste and resource management sector. Throughout her career, she has driven innovation, championed investment in new technologies and promoted diversity and community engagement, aiming to inspire the next generation of leaders.

The British Business Awards celebrate outstanding achievements across various sectors in the UK.

Unlock your potential with the right training and support

CIWM (the Chartered Institution of Wastes Management) is the leading professional membership body for individuals in the resources and waste sector.

We help our community of members to achieve success by:

- Keeping them updated on the latest news and policy activity from across the sector.
- Providing expert technical advice and information.
- Offering a range of training courses and learning opportunities for all experience levels.
- Turning complex legislation into clear insights, explaining what it means in practice.
- Providing mentoring and one-to-one career advice.
- Hosting industry-leading webinars, events and conferences.
- Providing a variety of networking opportunities, both nationally and on a local level.

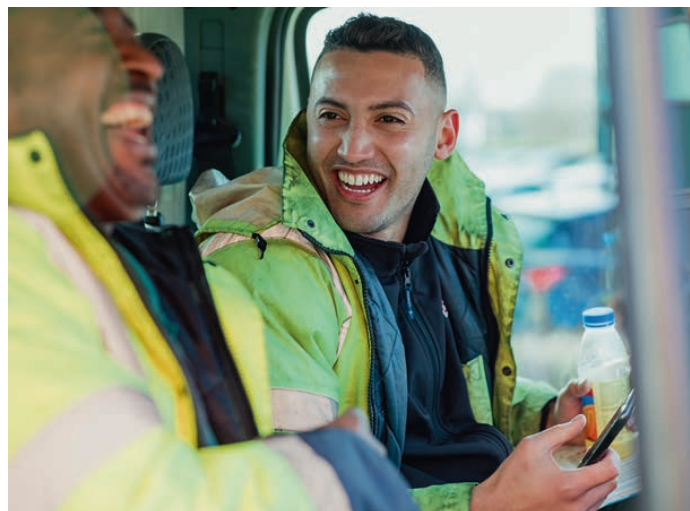
We know one size doesn't fit all, which is why we offer a range of membership grades to reflect the huge variety of roles and careers that make up such a diverse industry sector.

One of these options is **Technical Membership**, designed specifically for those who have developed technical skills working in an operational capacity.

This membership offers a wide range of benefits while ensuring that we are keeping you up to date with evolving policy, regulation, and compliance. From navigating initiatives like Simpler Recycling to understanding exactly what that means for your role, we'll provide the clarity and support you need to stay confident and compliant.

As new updates emerge, we help break down and make sense of the changes in regulatory position and practical requirements - like the correct handling and segregating of materials such as Persistent Organic Pollutants (POPs) and soft furnishings.

As a member, you'll also have access to timely insights,



expert interpretation, and practical tools that help you and your team stay informed, prepared, and able to navigate what's next.

Why not join our network of technical professionals and gain access to expert insight, trusted guidance and career-boosting opportunities?

To find out more about Technical membership, visit **ciwm.co.uk/technical** - Alternatively, to discuss the best membership option for you, contact our dedicated team on **01604 620426** or email **membership@ciwm.co.uk**

Benefits of Technical Membership include:

- Keep up to date with a weekly member newsletter
- Gain insight through a quarterly issue of our award-winning Circular magazine
- Get your questions answered with unlimited access to technical advice and support
- Get exclusive savings and discounts on CIWM events and training
- Be part of a vibrant member community with local networking and learning opportunities
- Access guidance and support from an experienced mentor
- Use post-nominals to showcase your skills and expertise
- Access an ever-evolving library of resources in our Knowledge Centre



Technical Membership

Created specifically for resources and waste operatives, Technical membership helps you showcase your skills and take your career to the next level.



JOIN NOW



A hydrogen JCB digger drives over Westminster Bridge past Houses of Parliament

Historic day as hydrogen diggers get green light to use UK roads

JCB hailed a monumental government decision to change the law to give hydrogen diggers the green light to be driven on UK roads.

Lilian Greenwood MP, Minister for the Future of Roads, has signed a statutory instrument allowing hydrogen fuelled construction and agricultural machinery to now use the public highway.

Government launches review of carbon removal technologies

The UK Department for Energy Security and Net Zero (DESNZ) is reviewing greenhouse gas removals (GGRs) to assess their role in reaching net zero targets.

The review includes a call for evidence on technologies such as bioenergy with carbon capture and storage (BECCS) and direct air carbon capture and storage (DACCS) to reduce emissions, particularly in hard-to-decarbonise sectors.

Stakeholders are encouraged to provide input on the opportunities, challenges, and costs associated with GGRs.

The Climate Change Committee (CCC) highlights that the waste sector is the eighth largest source of emissions in the UK. The Seventh Carbon Budget mandates that all new Energy from Waste (EfW) plants must utilise carbon capture and storage.

The call for evidence includes 11 specific questions addressing the potential scale, benefits, barriers and costs of GGRs.

The Wood Recyclers' Association (WRA)'s Richard Coulson commented: "Importantly, the call for evidence asks about the barriers to and enablers for GGR deployment in the UK.

"It is critical that we have urgent clarity over future support for waste

wood biomass to enable these plants to transition to carbon capture and storage technology following the expiry of ROCs from 2027."

BECCS can achieve negative emissions by capturing CO₂ generated from waste incineration.

The CCC estimates that ongoing projects could remove five million tonnes of CO₂ equivalent annually by 2050.

The review will also explore DACCS and nature-based solutions, such as composting, which can lower methane emissions by diverting organic waste from landfills. This effort aligns with significant policies, including the UK Emissions Trading Scheme (ETS) that will cover emissions from waste incineration starting in 2026, with full costs implemented by 2028.

Additionally, England plans to ban biodegradable waste from landfills by 2028, aiming to reduce methane emissions and promote treatments such as anaerobic digestion and EfW to ensure a consistent supply for BECCS.

The review's findings will be submitted to the DESNZ Secretary of State this Autumn, with the Government's response to follow. The deadline for input on the call for evidence is 20th June, 2025.

Carbon tax could lead to waste services cuts, warn councils

Councils are concerned that the planned expansion of the UK Emissions Trading Scheme (ETS) to waste incineration could result in cuts to essential waste and recycling services. This warning comes from recent research by the Local Government Association (LGA), which represents local councils.

The LGA's survey of English councils found the new costs would lead to reductions in services, including:

- Nearly 80% of councils reducing their overall waste and recycling services;
- A drop in the range of services provided by household recycling centres in 77% of councils;
- Falls in fly-tipping services in 65%, street cleaning and littering in 63%, and street bins provision in 60% of councils.

From January 2028, the Government will expand the UK ETS, which currently applies to the aviation industry, to include the incineration of waste. While councils support the scheme's environmental aims, they warn the policy could cost local authorities as much as £747 million in 2028, rising to £1.1 billion by 2036, with a cumulative cost over this period potentially reaching £6.5 billion.

Cllr Adam Hug, environment spokesperson for the LGA, said: "Councils want to see a reduction in carbon emissions and support the aims of the scheme, while encouraging recycling efforts, but to succeed we need to see the right incentive in the right places.

"Current proposals are hitting the wrong target. It will load billions of pounds of extra costs onto councils, who will have little choice but to cut back valued local waste and recycling services and net zero projects, while producers of fossil-based material avoid incentives to reduce what they produce."

"The Spending Review is an opportunity for the Government to review these proposals and force producers of fossil-based waste to face up to their responsibilities, by reducing the amount of plastic entering the market, instead of loading unaffordable extra costs onto already overstretched local councils."

rukgroup.com

RECYCLING UK LIMITED

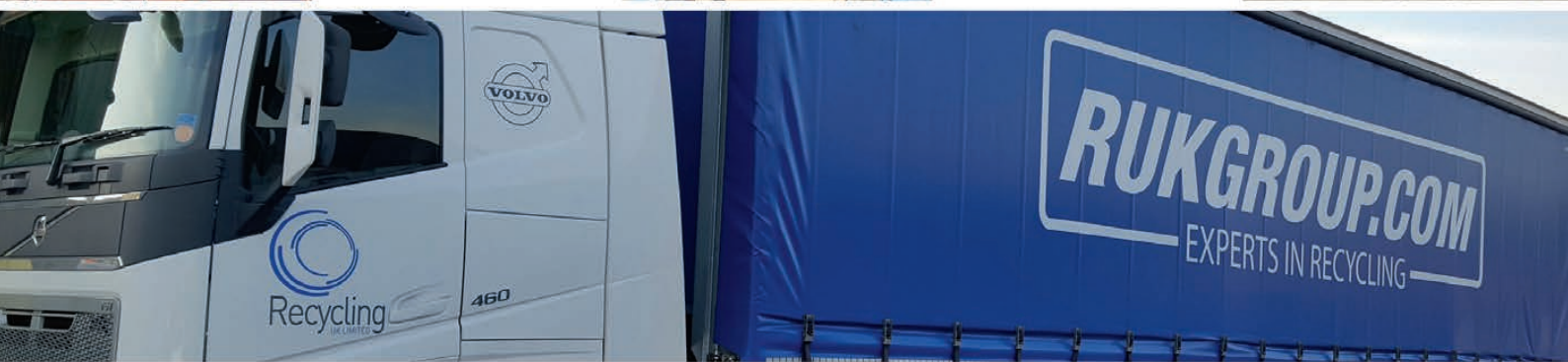
UK RECYCLING & GLOBAL TRADING



Industry
leading service
since 1998



National
collections
by trailer,
container or
multilift bins



Local and
national
security
destruction



We can
supply
compactors
& balers



We buy
baled
waste paper
& cardboard



We buy
palletised
surplus paper
& board



Consulting
& facilities
management

Tel: +44 (0) 1829 732471

10 Portal Business Park, Eaton Lane, Tarporley, Cheshire, CW6 9DL

Visit our website **www.rukgroup.com**

Email: General **info@rukgroup.com** Sales/Trading/export **sales@rukgroup.com**

**LISA GILLESPIE****Managing Director, Meliora HR**

Lisa has worked in the HR industry for over 25 years across all sectors. She has a post-graduate diploma in HR Management and qualifications in law, philosophy, and psychology.

E: lisa.gillespie@MelioraHR.co.uk

The thorny issue of consent

I've had a really long day today. And I feel like I'm either really out of touch or slightly mad. Or maybe I have something to say.

I've been handling a situation in which lines have been crossed at work through connecting on social media, exchanging mobile numbers and ultimately, something went very wrong. Something that should not have happened has been handled through the lens of 'well, this was more than a professional relationship, she encouraged it'.

Someone let their guard down and when a line was crossed, she was blamed because she had engaged on social media with a person who misread the signs.

Sounds familiar? Yes. Messy? Yes. But actually no. Being friendly does not equal being flirty. Please note that both words are a spectrum apart and unless you're a psychologist, don't ever assume you are equipped to judge which is which. Let's just keep everything professional.

How much does 'social' play a part in your workplace? And how difficult is it to 'police' these shifting boundaries?

One good thing about ageing is that I can step out of the online environment and analyse things in basic terms of 'what's acceptable and what is not?' Context is everything.

Before social media, I let my manager park on my driveway since I live near the Manchester United stadium. However, he started arriving earlier, asking for tea, and lingering for hours. Eventually, he intruded into my personal life, which made me uncomfortable. I politely asked him to park on the road, and he reacted negatively. Years later, after I advanced my career, I learned that colleagues said things like, 'because he can't screw her, he decided to screw her'. That's not my fault; it's an abuse of power and an inability to handle rejection.

I kept quiet for nearly eight years. I knew I was smart and stepped out of his scope

of control, but I only spoke up properly when I was leaving. By then, he had damaged many careers, and I am sorry to say that I did not speak up earlier.

In today's online world, these boundaries are still regularly crossed; however, in a virtual world, things are often downplayed and too few workplaces have training, support or policies in place that set standards to deal with the complexities of digital access to almost everyone we encounter.

Many years ago, a brilliant piece of work about consent was released by 'Rock Star Dinosaur Pirate Princess'. Okay, it deals with sexual assault; however, the messaging is really important because it absolutely nails consent and boundaries in a bleak, comedic, but factual way. I'd recommend everyone watch it. It's as relevant today as it was a decade ago. Probably more so. Google it.

I have no doubt I will continue to step in to unpick these messy cases, which genuinely affect me, but you know what? This story is centuries old. Abuse of power is endemic. It will keep happening. Social media and the ability to blur professional lines into social and online relationships that have no place in the workplace will continue.

Technology is great if used responsibly; however, in the wrong hands, it's the equivalent of leaving the front door of your home open to anyone who wants to enter, and if they don't play by the house rules, they say that the victim let them in. I'm pretty fed up with dealing with cases where the exchange of personal numbers, social media accounts, etc, plays a part. It's the new, 'she was wearing a miniskirt'.

In a world where boundaries are often crossed, let's remember that consent to engage socially doesn't mean consent to be taken advantage of. We've seen much in these islands over a thousand years, but I'd like to think we've all evolved.

BPF urges companies to report false claims in plastic recycling

The British Plastics Federation (BPF) is urging companies to report any false claims about recycled content in plastic products to the Environment Agency.

The BPF represents the entire plastics supply chain in the UK, including plastic recyclers.

This request arises because some companies may be lying about the recycled content of their products to avoid paying the Plastic Packaging Tax (PPT).

The BPF wants a system in place to check for fraud in the industry. The BPF believes that creating these systems at both national and international levels is essential for fair competition and for promoting the use of recycled plastics.

Along with encouraging reports of fraud, the BPF also wants stricter penalties for companies that cheat.

The BPF states that improving the UK's recycling system is key to tracking materials more effectively and reducing the chances of fraud.

Recently, they raised concerns about possible fraud related to the PPT with His Majesty's Revenue and Customs. They aim to raise this issue in Parliament to find solutions that will limit fraud, as some businesses have been forced to cease operations due to PPT-related fraud.

In 2022, the BPF, with the environmental charity RECOUP, created a free guide on checking *Recycled Content Verification Systems*. They have also hosted events discussing the challenges of using recycled content.

Helen Jordan, the BPF's sustainability manager, said: "Let's remember that almost all companies have integrity and strive to act within the law. However, a few dishonest ones can tarnish the reputation of the entire industry and negatively impact the public's perception of recycled plastics. Companies that commit fraud also make it harder for legitimate businesses to succeed. Recycled plastic is a low-carbon material suitable for a wide range of products, not just packaging."

"We'd like the Government to encourage investment in improving the UK's plastic recycling infrastructure while also taking steps to reduce opportunities for fraud."

Biffa predicts 70% increase in food waste recycling after new legislation introduced

Experts at Biffa predict that Simpler Recycling legislation could offset more than eight million kilograms of extra carbon dioxide equivalent (CO₂e). This legislation, which took effect on 31st March, requires businesses to collect food waste and separate other recyclable materials for proper disposal.

Biffa analysts compared this legislation to the successful Welsh Workplace Recycling scheme, which saw a 67% increase in food waste recycling. Both programmes require businesses to recycle food waste.

If Simpler Recycling achieves results similar to those of the Welsh scheme, experts predict that England could experience a nearly 70% increase in food waste recycling.

To support businesses in adapting, Biffa has introduced the Simpler Recycling Food Waste Calculator. This tool helps businesses estimate how much food waste they produce each year.

By inputting the size of their food waste bin and how full it typically is when collected, businesses can see the energy impact in terms of carbon offset, smartphone charging and car mileage. They will also receive specific tips for following the new recycling rules based on their industry.

For example, collecting one full standard wheelie bin of food waste each week could lead to recycling 4,160 kilograms of

food waste. This effort could offset 863 kilograms of carbon emissions, charge 57,000 smartphones, or power a car for 2,207 miles.

Carla Brian, Head of Partnerships at Biffa, highlights that lessons from the Welsh scheme suggest that Simpler Recycling will benefit both businesses and the environment. She said: "Since April last year, businesses in Wales have had to separate their materials into six containers, leading to impressive results. From November 2023 to 2024, food waste collections rose by 67%, and overall recycling increased by 34%.

"These results show that separating materials leads to better recovery. Less recyclable material ends up in waste, and more organic waste can produce biogas. Although Simpler Recycling needs fewer bins than the six required in Wales, we expect positive results as businesses adapt to the new law."



MPs debate EPR and impact on the glass sector

A recent parliamentary debate discussed the possible effects of the Extended Producer Responsibility (EPR) scheme on the UK glass industry.

Rotherham MP Sarah Champion led the debate. Her constituency includes the Beatson Clark glass container manufacturing site. Defra Minister Mary Creagh responded on behalf of the Government.

Champion warned that the EPR's current design could seriously harm the UK glass manufacturing sector, leading to job losses, factory closures and increased costs for businesses and consumers in hospitality.

She urged the Government to make urgent changes to the scheme, which will apply full fees to glass packaging starting in April 2025, long before plastic and aluminium are included in the delayed Deposit Return Scheme (DRS).

Nick Kirk, Technical Director of British Glass, attended the debate. He said: "With pEPR now in effect and final fees coming out in June 2025, this debate may have been our last chance to highlight the serious impact of the scheme on glass manufacturers, businesses, the public and the environment."

Champion pointed out that the weight-based structure of EPR unfairly affects glass, a heavier material that is recyclable and environmentally safe. Glass makes up only 5% of household packaging waste by volume, but is expected to account for about 30% of EPR costs.

Several MPs expressed concern about the impact on pubs, breweries and hospitality venues. These businesses face double costs from commercial waste and EPR fees, even though most glass packaging used in hospitality is not part of household waste collections.

In her response, Environment Minister Mary Creagh defended the EPR's goal of increasing recycling and shifting costs to producers. However, Champion argued that the policy would not meet its goals and called for a delay and redesign. She concluded: "Continuing on the current path will hurt responsible producers, push businesses to switch to plastic, and result in job losses in our constituencies.

"The glass sector needs fairness - not favouritism - and time to transition."

WRAP appoints Catherine David as new CEO

Global environmental action NGO WRAP has appointed Catherine David as its new CEO following Harriet Lamb's resignation in March.

Commenting on her new role, Catherine David said: "I am absolutely delighted to be taking on the position of CEO of WRAP.

"At WRAP, we are on a mission to embed circular living in every boardroom and every home and it is a tremendous privilege to lead this wonderful team." I look forward to collaborating with WRAP's partners and stakeholders

worldwide to take action at a crucial time for our planet and for all of us who call it home."

Harriet Lamb resigned as CEO of WRAP in March to become the CEO of the Green Party of England and Wales.

Catherine David joined WRAP in October 2021, after holding senior roles at The Fairtrade Foundation and Co-op. She is an expert in sustainability and ethical trade, with a focus on developing sustainable value chains and improving food and materials systems.

The £13 Million problem: Understanding the issue of fly-tipping in the UK

DEAN WILLSHEE

Managing Director
of Willshee's Waste
and Recycling



Fly-tipping continues to be a growing issue across the UK. According to the Department for Environment, Food & Rural Affairs (DEFRA), between 2023 and 2024, a staggering 1.15 million incidents of fly-tipping were reported in England. In the most severe cases, incidents are costing local authorities over £13 million in clearance and investigation costs.

The Government has recently launched a crackdown on fly-tipping offenders to tackle the issue effectively. Local councils will collaborate closely with the police to identify and seize the vehicles used by waste criminals. Drones and mobile CCTV cameras will be deployed to trace the cars and vans involved in fly-tipping, allowing for their destruction.

Ministers are conducting a rapid review to reduce the red tape that prevents councils from seizing and crushing these vehicles. Currently, councils bear the substantial costs associated with seizing and storing vehicles. However, under new proposals being considered by Ministers, fly-tippers will be responsible for these costs, which will save money for councils and taxpayers.

Additionally, criminals caught illegally transporting and disposing of waste will now face up to five years in prison under new legislation.

These measures support the Government's 'Plan for Change' and contribute to its key mission of creating 'Safer Streets' for the public, thereby restoring communities' trust in efforts to combat anti-social behaviour.

But why is it so essential that fly-tipping is deterred? Beyond being an eyesore

and a logistical nightmare for local residents, it also poses significant and detrimental risks to both public health and the environment. Illegally dumped waste often contains hazardous substances and materials, including asbestos, chemicals and electrical equipment. These materials can contaminate soil and watercourses, threatening wildlife habitats and natural ecosystems. In addition to this, decomposing waste releases greenhouse gases, such as methane, which is more potent than carbon dioxide.

Despite being an illegal activity, fly-tipping remains a consistent issue across the UK. This is largely a result of attempts to avoid disposal fees, the inconvenience of recycling centres' processes, and a general lack of awareness about the correct and legal disposal methods. The rising cost of the landfill tax in April is also likely to have contributed to the growth in recorded fly-tipping incidents, as businesses and individuals seek ways to dispose of waste without absorbing the financial burden.

While strong legislation is crucial in tackling fly-tipping, long-term progress also depends on providing the public with the necessary resources to change their behaviour. Ultimately, the key to lasting change around fly-tipping lies in greater education, more accessible, affordable and responsible waste disposal options, and trustworthy waste management partnerships. From both a business and public perspective, people need to know that safe, legal and sustainable waste disposal doesn't need to be complicated.

A recent incident from January 2025 perfectly illustrates the consequences of significant fly-tipping events and the importance of effective removal. Reports of a mountain of waste spanning over 15 metres in Lichfield, Staffordshire, appeared on social media. Made up of building and household waste, the ten-foot-tall pile of waste was dumped in the middle of the night and completely cut off houses and businesses. After hearing the news,



In January, Willshee's Waste and Recycling led a major clean-up project after fly-tippers dumped waste spanning over 15 metres in Lichfield, Staffordshire

Willshee's Waste and Recycling contacted the council offering its services and the waste was efficiently collected and cleared within a few hours. With a zero waste to landfill policy, Willshee's transported the fly-tipped rubbish back to its premises in Burton, where the waste was separated into recyclable materials, including metals, wood, cardboard and plastic.

By offering fully licensed services and educating customers about legal disposal practices, waste management partners such as Willshee's make it easier for people to dispose of waste correctly and help prevent fly-tipping at its root by removing the common barriers that lead individuals to dump waste illegally.

Waste management organisations have a crucial responsibility to help reduce fly-tipping and encourage responsible waste removal practices. By offering education on responsible, accessible and compliant waste disposal and the appropriate solutions, both businesses and individuals can make informed choices that prevent illegal dumping of waste and contribute to a cleaner environment.

By combining effective legislation and the support of trusted waste partners, together, we can address the root causes of illegal fly-tipping. Not only will this improve public safety and mitigate environmental concerns, but ensuring that waste is handled responsibly and safely will also lead to significant cost savings for local authorities and businesses and foster a more sustainable community for everyone.



Veolia launches PFAS disposal service ahead of UK foam ban

As part of the Group's global BeyondPFAS offering, Veolia has launched a new service to help safely dispose of Aqueous Film Forming Foam (AFFF) fire suppressants. These foams contain harmful chemicals called PFAS (Per- and polyfluoroalkyl substances).

This service comes ahead of a UK ban on PFAS next month. It will safely dispose of about 10,000 tonnes of these chemicals currently stored at various sites. The disposal process will use a high-temperature incineration method approved by the Environment Agency.

AFFF foams have been used for years in industries such as aviation, petrochemicals, the military, oil and gas, fire services and manufacturing. However, because PFAS can harm the environment and human health, their use will be banned in the UK this year.

Veolia will treat AFFF at its High Temperature Incinerator (HTI) in Ellesmere Port, which operates at 1,100 degrees Celsius. They expect to achieve an efficiency rate of 99.999%. The Environment Agency has approved Veolia's treatment process and a programme to monitor emissions and residues.

Nicola Henshaw, Managing Director of Hazardous at Veolia UK, said: "The rules around PFAS are changing quickly, and there is more focus on controlling these substances worldwide. Veolia is dedicated to staying ahead of these changes and providing safe, effective solutions for managing PFAS contamination. With our GreenUp strategy, we aim to lead in decontamination and use our expertise to tackle the challenges posed by PFAS for a cleaner and healthier environment."

Veolia is a global leader in hazardous waste treatment, which includes collection, disposal, recycling and reuse. Through its GreenUp strategy, the company aims to reduce carbon emissions and pollution while restoring natural resources. They currently manage about eight million tonnes of hazardous waste for more than 100,000 clients across over 300 facilities on five continents.

Veolia's BeyondPFAS programme combines more than a century of experience in environmental services. It provides solutions for treating contaminated materials and meeting regulations.

BeyondPFAS is designed to meet each customer's needs and local laws, covering everything from detecting contaminants to safely disposing of waste. With BeyondPFAS, customers can trust Veolia's expertise for a safer and cleaner future for everyone.



FIELD FAYRE

PRODUCTS LTD
THE SKIP & CONTAINER
MANUFACTURER

PROVIDING QUALITY
PRODUCTS AT
COMPETITIVE PRICES

THE LEADING SKIP & CONTAINER
MANUFACTURER COVERING THE UK




FATHERS OF FIELD FAYRE







T: 01922 416800

E: fieldfayreskips@gmail.com

www.fieldfayreskipproducts.co.uk

NATIONWIDE

Please mention *Skip & Waste* magazine
when replying to any adverts

Leeds-based company launches new insurance policy for skip hire services

Skip hire companies now have access to a new insurance policy which provides combined cover for employer, public and product liability.

Providing cover of up to £10m for employer liability, £5m for public liability and £5m for product liability, the policy is being offered by Leeds-based speciality insurance underwriters Fiducia MGA.

Available through insurance brokers, the policy is backed by A-rated capacity, which means the policy's insurers are regarded as having an excellent ability to meet any claims.

In addition, Fiducia offers a combined commercial policy for those contractors who require protection against material damage, business interruption, business all risk and commercial legal protection.

Fiducia underwriter David Heeney said: "We understand that UK contractors face changing risks and challenges, so we have created these policies to ensure our broking partners can provide their clients with comprehensive cover and support."

"We would urge contractors to examine their policies ahead of renewal and discuss with their broker how our new combined liabilities products can help them manage risk effectively and secure peace of mind."

For more information on the company,
visit www.fiduciamga.co.uk

A life in skips

Joanna Dyke, the award-winning Managing Director of Lostock Skip Hire Ltd, shares her inspiring story with Jonathan Caswell

After more than two decades of working in skip hire and waste management, Joanna Dyke of Lostock Skip Hire Ltd still has an eye for what she might find in the skips that come into the yard.

The 42-year-old Managing Director of a company that covers over 400 square miles from their main operational base in Horwich, Bolton, told *Skip & Waste* magazine: "I'm often amazed by what people throw away and it brings to mind the old adage: 'one person's rubbish is another person's treasure'."

"You are constantly reminded that no two days are the same. In 2020, for example, we discovered a World War II mortar shell in one of our skips. It required a full police response and a controlled detonation by the bomb disposal unit."

For Joanna, working in and then owning a business that her parents started has proved valuable both professionally and personally. It wasn't always a certainty though: "When I left school, I thought

about becoming a solicitor. I did two weeks' work experience in the post room and that changed my mind!"

Although she wanted to work for her father, he encouraged her to gain some life experience first. So, while taking an advanced NVQ in business studies, she picked up new skills locally. She said: "He worried I might come on board and take advantage of being in a family business."

In fact, the opposite was true. Joanna proved her commitment to hard work and within three years, she became a company director, increasing her responsibility and accountability.

The journey so far

She said: "From day one, I felt I might like to own the business sometime in the future; to continue my parents' legacy and to ensure I kept control if something happened to them. There were a couple of buyout offers that failed at the final hurdle, but after my parents retired, I gained more control and ran the business with my uncle. Unfortunately, we differed in ways and ideas when running the business, and in September 2015, I chose to take a separate path."

But in a chance moment, a Lostock customer called her mobile phone instead of the business to complain that the service had deteriorated. Together, they approached Joanna's uncle, who agreed to sell his share, and in February 2016, she regained the family business alongside local businessman Tim Hilton.

In the last nine years, Joanna and Tim have grown the business from a turnover of £1.6m to a forecast projection of more than £7.5m, with staff levels now up to 60 from 15, covering not only Bolton, but Bury, Wigan, Preston and the surrounding areas.

Investing for the future

Last year, they modernised their fleet with the acquisition of 28 cutting-edge



Joanna in the Lostock yard

HIAB Futura skiploaders, mounted on both 12-tonne and 18-tonne chassis, and two Multilift Ultima 24S hookloaders on 32-tonne chassis to ferry their 2000+ skips.

Lostock's backroom staff will also soon be leaving their nine-year 'temporary' home, for newly built state-of-the-art offices.

Joanna said: "The investment has been more than just an expansion; it's a testament to our dedication to innovation and sustainability. These new vehicles are pivotal in scaling our operations to meet our customers' needs effectively, while the new offices will enhance our operational efficiency."

Gaining much from Tim's business knowledge and experience, Joanna has been a hands-on leader from the start, often the first in and last out, working 12 hours a day, six days a week and learning and progressing along the way, which has enabled the development of a passionate and committed team.

She said: "Everyone knows they are part of a successful business and they have seen me on the frontline. This is a stressful job because there are lots of moving parts and the waste industry can be very volatile. The biggest difficulties tend to be the unknown; the drive to recycle and reuse more waste products, aligned with the continual regulatory changes within the waste industry. We are always looking ahead with business planning strategies and to be ready to continue to thrive."

Tim Hilton and Joanna outside Lostock Skip Hire's soon-to-be-opened new offices





Joanna outside Bolton Hospice

To stay ahead of the competition, Lostock has consistently adopted new technology. They are currently adapting their existing systems, which will interface with new AI systems to plan wagon routes and scheduling: *"The day is coming soon when AI will be able to help in the yard too,"* she said, *"identifying different waste streams and non-conformities, be able to talk to our skip software knowing where waste has come from and be able to send relevant invoices."*

Fundraising and community

She admits that sometimes finding time to relax can be challenging, and so by taking

on fundraising adventures for Bolton Hospice, where she has volunteered and raised money since 2020, helps alleviate this. Her first charity challenge was an Arctic survival trek five years ago.

In 2024, she climbed Mount Kilimanjaro to raise money for the hospice that had looked after her grandmother in her final days. She said: *"It's great to help charities out financially, but volunteering time is more rewarding. It can switch my work brain off, making cups of tea and talking to patients and families, while fundraising through challenges takes me out of my comfort zone, which benefits me."*

Lostock Skip Hire's name can also

be found on the shirts and advertising hoardings of more than a dozen local football, cricket and rugby teams. Since 2019, the company has been a major supporter of the Lancashire FA. Joanna said: *"This is very important to us. One of the things that drives us is adding back via social value with purpose. Our sponsorship is about forging connections with the local communities and, at the same time, encouraging youth development."*

So, what's next for Joanna and Lostock? *"We want to diversify a little and are working on some ideas. I also have an ambition to have a salvage yard where we can save things from skips that people might want to buy or can be donated to those in need and we are investigating this."*

Earlier this year, Joanna was named Bolton Business Woman of the Year and it's an award she accepted with pride: *"I hope that I am showing that women can operate successfully in this industry. We now have nine women on our staff and they all share the same passion for helping to change things in what is a traditionally male-dominated industry. Although it may not be a glamorous job, and you do need to work hard, it is ultimately rewarding. I believe we are making a difference in a world where we've become a throw-away society and need to recycle more."*

For Lostock Skip Hire Ltd and Joanna Dyke, the outlook is positive, the future path is clear and the hard work continues.



Joanna on top of Mount Kilimanjaro



Biffa grows green fleet by converting a further 25 diesel vehicles to HVO

Biffa has teamed up with Certas Energy, the largest independent fuel and lubricant distributor in the UK, to change 25 vehicles in its Industrial & Commercial (I&C) division to use hydrotreated vegetable oil (HVO) fuel.

This switch helps Biffa expand its green fleet and aims for 10% of its plant and collection vehicles to use alternative fuel by the end of the year. This is part of Biffa's broader plan to reduce carbon emissions in the UK.

Biffa now has over 150 vehicles that run on alternative fuels, including HVO and electric. HVO is a useful transition fuel for vehicles where electric or hydrogen options are not yet available.

The HVO supply is verified through a clear supply chain and is made only from primary waste sources, ensuring it doesn't lead to deforestation or environmental harm. Biffa works only with suppliers that meet the standards of the International Sustainability and Carbon Certification (ISCC) and the Zemo Partnership Renewable Fuels Assurance Scheme (RFAS).

The HVO conversion at Biffa's I&C transfer stations in the Midlands and North West supports the company's goal to cut emissions by 50% by 2030 compared to 2019 levels.

Biffa's transfer stations in the Midlands and North West handle waste and recycling for businesses in big cities such as Coventry, Birmingham and Manchester.

Monica Heenighan, Biffa's I&C North Area Director, said: "In just six months, we've raised our alternative fuel fleet from 3% to 15% in the Midlands and North West, which is a fantastic achievement.

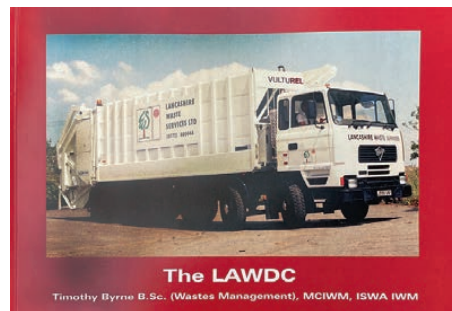
"HVO vehicles enable us to transition to greener solutions more quickly and are an important step toward reducing emissions. Meeting our 2030 goal will depend on the Government providing a strategy for commercial vehicle infrastructure, followed by a quick action plan that positively affects the commercial vehicle supply chain. We look forward to continuing our role in the UK's move toward a greener, circular, and more sustainable economy."

Enva strikes waste deal with bellmaker firm

Enva has partnered with bellmaker John Taylor & Company to implement sustainable waste management solutions in response to the new Simpler Recycling regulations. This collaboration includes commercial waste bins, food waste bins and skip services.

Enva has conducted a comprehensive waste management audit at the foundry to enhance its efforts, with Business Development Manager Ryan Walsh stating that they aim to maximise on-site segregation and improve recycling rates while reducing the carbon footprint.

Nathan Evans, design engineer at John Taylor & Company, expressed excitement about this partnership with Enva, ensuring their waste management aligns with the new Simpler Recycling regulations while supporting sustainability at their historic foundry.



Exciting new release from industry expert

Tim Byrne, who holds a degree in Waste Management from the University of Northampton, is a Chartered Waste Manager (MCIWM) accredited by the Chartered Institution of Wastes Management. He is also an International Waste Manager, certified by the International Solid Waste Association (ISWA). With years of experience in various roles within the industry, Tim currently serves as an International Waste Management Consultant.

He has recently published his latest book, titled *The LAWDC*, which is available for purchase on eBay by scanning the QR code.



This book chronicles the development of some of the UK's Local Authority Waste Disposal Companies (LAWDCs), including their waste transportation vehicles and management facilities. It details the period when County Councils were required to establish arm's length waste disposal companies, following the Environmental Protection Act 1990.

Tim's interest in waste transportation vehicles and waste management began at the age of four. He has authored numerous publications, including the popular *A Pictorial History of Biffa Waste Services Dry and Liquid Waste Collection Vehicles*. More recently, he wrote a book for Stewart Commercials, the UK's leading waste collection vehicle supplier, to commemorate their 50th anniversary.

Don't miss this chance to gain valuable insights from the best!

If you have any questions for Tim, you can reach him via email at garbage32@hotmail.co.uk



**GLOSTA
ENGINEERING**

MANUFACTURERS OF ROLL ON ROLL OFF BODIES, CHAIN LIFT SKIPS, BESPOKE PROJECTS AND UKCA MARKED STEEL FRAME STRUCTURES.

Open and Enclosed Builder Skips



Roll on Roll Off



Steel Frame Buildings



LIMITED TIME DEAL

PURCHASE A FULL LOAD OF BUILDER SKIPS FOR A FREE UNIQUE PLANT POT!
PAINTED IN YOUR COMPANY COLOURS



UNIT 9C, BEALEY INDUSTRIAL ESTATE, OFF DUMERS LANE, RADCLIFFE, MANCHESTER, M26 2BD
TEL: 0161 725 9134 E MAIL: sales@glosta-engineering.co.uk WEB: www.glosta-engineering.co.uk



UK based and a leading manufacturer
to customers throughout the entire
UK and Europe.



SKIPS



ROROs



CONTAINERS

QUALITY, SERVICE & PRICE THAT'S



EXPERIENCE IT YOURSELF

0161 775 5635

sales@samsoncontainers.co.uk

A MANUFACTURER YOU CAN RELY ON

Why order from anyone else?



Veolia's waste partnership achieves carbon savings for J D Wetherspoon

Veolia, in partnership with J D Wetherspoon, is making significant strides toward achieving net zero targets in the hospitality sector through advancements in waste management. In 2024, their efforts helped avoid over 20,000 tonnes of CO₂ emissions.

J D Wetherspoon, renowned for its food and drink, has championed sustainability for the past eight years with a zero waste to landfill approach. To support this initiative, Veolia has rolled out extensive recycling programmes that enable glass waste to be transformed into new products and generate renewable energy from food waste.

Operational since 2018, Veolia's

leading recycling programme services approximately 750 Wetherspoon locations across the UK and processed 31,181 tonnes of glass and food waste in 2024. This recycling and treatment process avoided 16,481 tonnes of CO₂ equivalent emissions compared to sending the same materials to landfill. This reduction is comparable to over 60 million car miles or 31,700 round trips from Land's End to John o'Groats.

In 2024 alone, Veolia recycled 21,619 tonnes of waste glass, transforming it into a 'furnace-ready' quality used as a key raw material in the manufacturing of new products, including energy-saving insulation. This recycled glass produces less

CO₂ and reduces the need for virgin raw materials from quarries, using less energy than traditional manufacturing methods.

To ensure sustainable treatment of all waste, food waste is collected and used to produce green energy through anaerobic digestion technology, which generates biogas. This biogas is then used to produce renewable electricity. By effectively treating 9,562 tonnes of food waste in this manner, the process now supplies renewable electricity for approximately 1,000 homes and decreases reliance on fossil fuels.

In late 2024, Wetherspoon introduced Tetra Pak recycling as a new initiative to address the need for sustainable solutions for the estimated 6.4 million Tetra Pak cartons it uses annually. Participating pubs return these cartons to a distribution centre, where they are baled and collected by Veolia for further recycling.

Commenting on these achievements, Adam Wylie, Managing Director - Commercial at Veolia UK, said: "To meet net zero targets, we need new ideas. Our work with J D Wetherspoon demonstrates the significant impact we can achieve together. Through our GreenUp programme, we aim to help the environment and economy by managing waste in a sustainable way. This means turning waste into green energy and new products through a recycling scheme. We are proud to partner with J D Wetherspoon, a well-known name on the High Street, to show how the hospitality sector can be truly sustainable and positively impact the environment and the communities we serve."

Sustainable waste management firm doubles annual revenue

Lancashire-based waste management specialist Envirovue has reported an impressive 98% year-on-year growth in revenue for the 2024/25 financial year, reflecting a growing demand for sustainable waste solutions.

The company focuses on helping its clients reduce waste, costs and carbon emissions through efficient waste tracking and management. Over the past year, Envirovue has acquired 40 new clients and created 12 new jobs.

One of the notable additions to Envirovue's client base is Southern Water. This partnership will involve managing waste streams across more than 365 wastewater treatment works and 89 water treatment sites.

To support this new collaboration, the waste management firm is in the process of finding a new location on the south coast, which is expected to open later this year and create additional jobs.

A key factor driving Envirovue's growth has been its focus on technological innovation. In November 2024, the company launched an artificial intelligence (AI) document-checking tool designed to automate and enhance the accuracy of reviewing Waste Transfer Notes (WTNs).

This software has the potential to save businesses thousands of pounds annually by reducing errors and ensuring compliance with legal requirements.

Daniel Redfern, Director at Envirovue, stated: "The last few years have been

pivotal to the success of Envirovue.

As sustainable reporting becomes a legislative requirement, we're proud to create software and innovative services to track waste end-to-end continuously. We're committed to developing bespoke solutions that meet our customers' needs.

"Being able to demonstrate that waste management can be a cost-cutting exercise rather than a significant investment has also been a key turning point for the business. Last year, we identified opportunities for our customers to save over £2 million through strategic waste management options, including landfill diversion and reuse. We're extremely excited about the rest of the year as we continue our efforts to eliminate waste!"



PAINT FOR SKIPS

Check out our range of **QUICK DRYING** coatings, available **BS & RAL colours:**

- ONE COAT PRIMER FINISH AS USED BY THE LEADING MANUFACTURERS
- ANTI-CORROSIVE PRIMERS
- GLOSS/ENAMEL
- FLOOR PAINT - 2 PACK & EPOXY
- SYNTHETIC GLOSS ENAMEL - IDEAL FOR BRUSHING & ROLLING
- AEROSOLS - ANY COLOUR

20 years supplying paint & coatings to the skip and recycling industries



www.ai-paint.co.uk



WE CAN NOW MAKE AEROSOLS ON-SITE

Call our office: **01270 524515 / 01270 524745** | **David Marsden: 07799 335071**
Jill Marsden: 07919 047642 | **David Marsden Jnr: 07798 788909** | E: sales@ai-paint.co.uk

SUEZ continues refuse services in Doncaster until 2028

SUEZ Recycling and Recovery UK is extending its contract for household and commercial waste collections with the City of Doncaster Council until March 2028.

The renewed agreement, which covers collections from at least 150,000 homes and businesses, aims to support the council's environmental goals by reducing the amount of waste sent for disposal and promoting recycling.

Since signing the original contract in 1991, significant improvements have been made to the waste collection services. Now entering its fifth renewal, the agreement has evolved to meet the needs of residents better. The introduction of blue wheelie bins in 2017 made recycling more convenient, and the council has replaced three older depots with a modern waste transfer station at Kirk Sandall.

John Scanlon, CEO of SUEZ, stated: "The extension is a testament to the strong relationship we've built over the past 30 years. We are committed to continuing our shared goal of delivering a service that is as sustainable as possible for residents

© SUEZ recycling and recovery UK



and businesses across Doncaster."

Additionally, the contract has supported local communities through the Doncaster Environment Fund, which was launched by SUEZ in 2019. This initiative has donated over £80,000 to local community groups and charities, including support for city food banks. The fund is partly financed through SUEZ's kerbside collection of small

electrical items, with proceeds reinvested into community projects.

Kellie Hopkins, the City Council's Service Director for Environment, remarked:

"We are dedicated to providing the best possible service to residents, and SUEZ shares our vision to improve recycling rates and achieve sustainability as quickly as possible."

Anglian increases waste processing capacity with new shredder

Norfolk-based multi-service contractor Anglian has enhanced its waste recycling division by investing in a new state-of-the-art shredder.

Supplied by Doyle Machinery, the Arjes Titan 950 is capable of shredding a variety of materials, including metal, wood, plastics and commercial waste, for recycling purposes. Weighing in at an impressive 37 tonnes, this powerful shredder is designed to handle even the most demanding applications, making it ideal for Anglian's large-scale waste recycling operation in Attleborough, which processes hundreds of tonnes of scrap metal and other recyclable materials each year.

The investment in the Titan 950 is expected to yield significant benefits for Anglian as it efficiently separates ferrous and non-ferrous metals. This enhanced metal segregation will lead to the production of higher-quality heavy melting steel (HMS 1&2) and valuable metals such as copper, all of which will be sent off for recycling.

Additionally, the shredder's mobility, thanks to its crawler track system, allows Anglian to easily manoeuvre the machine around its 10-acre waste processing facility, shredding waste stored in individual bays.

Lee Storer, managing director of Anglian, expressed his enthusiasm: "We are delighted to take delivery of the new shredder, which will strengthen the capabilities of our busy waste recycling division. Investments in equipment like this ensure that Anglian maintains its position as the region's leading waste processing and metal recycling facility. As the only company in Norfolk that shreds scrap metal, we look forward to fully utilising the shredder as we continue to increase the amount of materials sent off for recycling and contribute to the circular economy."



Scrap firm shows why it's hooked on HARSH

Long-established in its field, South Wales scrap metal merchant RR Davies Ltd of Pontypridd has recently adopted HARSH hookloaders, with their first unit achieving 100% uptime in its first six months.

"I know a good bit of metal when I see it," jokes company boss Rob Davies (pictured). "The HARSH hookloader is exactly what we need. It's robust, very well made, and easy to operate. From day one, it has been completely trouble-free, with no issues at all. This gives us great confidence that the unit will provide years of steady and reliable performance. HARSH is building a strong reputation in South Wales for its bodywork, so choosing their hookloader for our latest DAF chassis was an easy decision."

Founded over 50 years ago in the heart of the Welsh valleys, RR Davies' core business is processing scrap metal. A key part of this involves dismantling all types of road vehicles. The company's trucks, which also include skiploaders, collect life-expired cars and vans as well as all types of ferrous and non-ferrous metals from local industries, including aluminium, copper, brass, and stainless steel.

The HARSH HH26 hookloader, mounted on a 450hp 8x4 DAF XD chassis, offers a substantial lift capacity of 26 tonnes - more than enough for an eight-wheeler with a maximum gross vehicle weight (GVW) of 32 tonnes. First introduced to the UK over a decade ago, this industry-leading



HARSH model has undergone continuous improvements in key areas, including the power of its lifting cylinders, speed and ease of operation, enhanced safety features, simplified driver controls and reduced maintenance needs.

Perhaps most importantly, HARSH is known for its outstanding reliability and durability, which are genuinely industry-leading.

"Hookloaders place very high demands on a truck chassis," Rob adds. "In addition to the added stresses of loading and unloading containers, boxes for carrying scrap are typically as large as possible to maximise internal volume. This results in a higher centre of gravity compared to a straightforward tipper, so on-road stability is crucial. Therefore, you need a truck that performs exceptionally well in all areas."

"In our operation, the combination of HARSH bodywork and the latest DAF XD chassis is nearly perfect. We also appreciate that HARSH provides a level of personal attention and comprehensive support that is quite rare these days."

Take the guesswork out of skip scheduling with AI

Optimise routes, reduce costs, and get more done every day with predictive intelligence that works as hard as you do.

Schedule Optimised ✓

☐ LJ67 UVW

☐ 0P19 GHI

☐ EF19 JKL

☐ KL14 ABC

Additional revenue
£300,000*

*Based on comparison exercises conducted with leading UK skip hire companies

ALLSTONE 

"Dayjob has helped us cut fuel costs and boosted daily job throughput."

Rowan Elliott, Managing Director

COASTAL
RECYCLING

"It has transformed how we plan our work – better decisions are made with Dayjob."

Marc Williamson, Transport Manager

Axe Skips celebrates 40 years in business

A waste management company in Kilmington, Devon, is celebrating its 40th anniversary with a nostalgic look back at the business over the years, including decorating skips for the Axminster Carnival.

Axe Skips has been run by the same family since 1985, when John and Jane Bostock set up the company with just one lorry and 20 skips. Today, it operates a large sorting station near Axminster with five lorries, over 500 skips and 12 employees.

Specialising in personal and business waste disposal, the company prides itself on recycling up to 89% of the rubbish brought into its yard. It is currently exploring ways to reduce the amount of waste sent to landfill by shredding residual waste and sending it to an incinerator. The business also does regular collections from local charity shops, recycling unsold textiles and giving the profits back to the charities.

James Bostock, John and Jane's son, now runs the business with his wife Karen and daughter Juliette. He says: "I used to travel around with dad in the lorry and

remember we would just go and pick up a skip and then take it to the local tip and empty it. How things have changed, now I am the one driving around and we hand sort and separate all the skips and van loads that come into our yard before the waste is either recycled or disposed of.

"I finished college and worked at a golf course for a few years, and then in the early 90s, I joined mum and dad in the business. With the sad passing of dad 13 years ago, I then took over the running of the company with the help of my wife Karen, who runs the office and recycling side of things. Our 19-year-old daughter recently joined us and is also driving the lorries.

"We have spent 40 years building up Axe Skips to what it is today and are very proud of our staff and what we have achieved. We are always looking for ways to improve our recycling and impact on the



Axminster Carnival

environment, but constant changes make it difficult at times. As with any business, there is always the red tape aspect of it, which is demoralising, especially with the ever-growing number of fly-tippers in our lovely countryside who operate without the licences we have to apply for.

"As a local business, we try to help out as many local charities, events and causes as much as possible. We are great believers in putting back into a community we are proud to live in. This includes local football and cricket clubs, horses, rock concerts, annual shows and individual causes."

Jane Bostock has been sorting through old photos and found some of the early days when they just had a few skips, as well as records of their incredible community involvement. This has included taking part in the Axminster Carnival every year with a variety of decorated skips and supporting numerous local charities with donations and participation in projects.

Jane says: "We had an agricultural engineering business in Chard, in partnership with a friend who then decided



The yard in 1985



John and James Bostock



Jane Bostock



Axe Skips helps The Waffle House, a 100% non-profit café and community space



James, Juliette and Karen Bostock

on a change of career. So, everything was sold, and not knowing what to do next, we bought a seaside kiosk in West Bay, Dorset. We ran it for two years and enjoyed it very much.

"John was always looking to do something else, so one day, when a skip lorry drove past, he thought that might be something that would suit him. We sold the kiosk and bought a Dodge 50 series skip loader lorry and 20 mini skips. We were able to work from home and there were several local tipping places at that time. We thought we would give it 12 months and see how it went!

"It was a slow start for a few years, but it worked out very well. The Environment Agency began to tighten the rules and we had to use the Devon County Council tip at Sutton, but when that rapidly filled, we had to look elsewhere. We were fortunate to buy the old council highways depot at Kilmington and were granted permission to turn it into a recycling yard. John had to take a level 4 NVQ in Waste Management to run the site and that was not easy!"

Whilst John was out in the lorry, Jane was back in the yard sorting the waste and driving the loading shovel, filling the 40yd

roll-on bins. Non-recyclable materials were taken to landfill sites, and they managed to recycle the wood, metal, paper and hardcore.

"We have had some wonderful staff over the years in the yard, driving and in the office, which has been like an extended family for us. Sadly, John died of cancer in 2009, so we have raised a lot of money over the years for Hospiscare, which looked after him. I am sure he would be very proud of everyone who has worked here, past and present."

The Bostock family shares a love of horses, so Axe Skips sponsors local showjumpers and events at nearby Chard Equestrian. One of their sponsored riders, Charlotte Chadwick, recently won the Winter Arena Eventing League finals at Chard and came 11th in the British nationals at Aston le Walls in Daventry.

Their daughter Juliette is also an accomplished showjumper, as well as a fully qualified HGV Class 2 driver. She plans to take the business further in the future by adding road haulage to the services it offers, keeping it in the family for the next generation.

LOOKING AHEAD - FUTURE FEATURES

JULY 2025: ISSUE 234

CRM system software for skip hire and waste management

AUGUST 2025: ISSUE 235

Sorting and separation

SEPTEMBER 2025: ISSUE 236

RWM preview

OCTOBER 2025: ISSUE 237

EfW - renewable energy sources / Shredders



NOVEMBER 2025: ISSUE 238

MRFs / Artificial intelligence in waste management systems

DECEMBER 2025: ISSUE 239

Construction, demolition and excavation waste (aggregates)

CLICK WITH THOUSANDS OF CUSTOMERS

When a reader clicks on an advert on our online version of *Skip & Waste* magazine they are sent straight to your website. Talk directly to your customers from as little as £60.

Our readers are your customers - Enquire today. Email: editor@pal-media.co.uk

Bradshaw unveils new all-electric, compact RCV line-up for urban waste management

Bradshaw Electric Vehicles, one of the UK's leading manufacturers and suppliers of electric vehicles and waste management solutions, has launched a new range of Refuse Collection Vehicles specifically designed to address the challenges of urban waste collection.

This new range includes the **Goupil G4**, the **long-wheelbase G4L**, and **Bradshaw's pedestrian model PFB1500**. Each vehicle is expertly engineered to enhance the efficiency of local authorities and waste management companies operating in confined urban areas.

All three models are available in three body configurations: hopper only, hopper with bin lift, and hopper with bin lift and compaction arm.

Both the Goupil's and Bradshaw's RCVs are compact, agile, highly manoeuvrable and ideally suited to towns, high streets and pedestrianised areas. Their compact dimensions enable access through street barriers and around street furniture. At the same time, electric powertrains ensure a silent and pollution-free operation, making them an efficient alternative to traditional refuse collection methods.

The road-legal Goupil G4 is available with two lithium battery options, offering either a 62-mile or 101-mile range on a single charge. The standard G4-RCV has a 2.0m³ hopper and a payload of up to 740kg and works with 120, 240, and 360-litre bins. The G4L Long-Wheelbase adds 500mm to its chassis, increases the volume to 3.5m³ and works with larger 660-litre bins.

Based on the popular PFB1500, which is available with a number of body options, including cage body, Bradshaw's pedestrian-controlled walk-along RCV is designed to tackle the challenges of urban waste collection in areas with high pedestrian footfall and limited vehicle access.

The pedestrian-controlled RCV handles 120, 240 and 360-litre bins and features a corrosion-resistant aluminium hopper. The ergonomic tiller head provides a comfortable and precise operation and can be driven easily with either hand. With five braking systems, automatic hill hold and advanced safety features, it ensures safe operation on slopes.



"We are receiving overwhelming interest for our new vehicles as they seek innovative and environmentally friendly alternatives to existing refuse collection practices"

All three RCVs feature corrosion-resistant aluminium bodies with a 90° tipping angle for easy waste disposal into larger containers or larger RCVs for satellite operations, streamlining waste collection rounds and reducing overall time on the streets.

With increasing pressure on local authorities to reduce emissions and improve air quality, traditional diesel-powered waste vehicles are no longer viable. Bradshaw's latest offering addresses these concerns by providing a zero-emission, cost-effective solution that is tailored for urban environments.

The Goupil G4 RCV in particular arrives at a crucial time for waste management operations following the introduction of new recycling regulations that came into effect on 31st March 2025, which mandate that businesses in England generating over 5kg of food waste per week must now separate it from general waste.

Ramsy Labassi, Marketing Manager at Bradshaw Electric Vehicles, commented: "As a company continually looking to innovate and respond to the evolving needs of its customers, we have introduced this new RCV range to offer a

more sustainable and efficient solution for urban waste collection.

"Urban zones are becoming increasingly difficult for traditional waste collection vehicles to navigate due to rising congestion, restricted access zones, low-emission regulations and the continued pedestrianisation of city centres and high streets. However, Bradshaw's new compact RCV range has been purpose-built to overcome these challenges, offering local authorities and waste contractors a practical and zero-emission alternative that can easily access tight spaces and operate safely in areas with high pedestrian footfall.

"Both vehicles have been launched at a time where there's a growing need from local authorities to improve efficiency in collecting waste, especially with the new food waste regulations coming into force recently, and we are delighted to be already receiving overwhelming interest for our new vehicles as they seek innovative and environmentally friendly alternatives to existing refuse collection practices - which typically involve large diesel-powered vehicles that simply have become unsuitable and impractical in line with how urban environments are evolving."



GOUPIL

VISIT
STAND
N19



100%
ELECTRIC

0
ZERO-
EMISSIONS

ELECTRIC COMPACT REFUSE
COLLECTION VEHICLES FROM
GOUPIL & BRADSHAW

WASTE COLLECTION SOLUTIONS FOR
CLEANER AND GREENER CITIES

WWW.BRADSHAWEV.COM/GOUPIL-ROAD-VEHICLES
ENQUIRIES@BRADSHAWEV.COM 01780 782 621

BRADSHAW
ELECTRIC • VEHICLES

Impact Air Systems introduces its next-gen Air Drum Separator (ADS), designed to maximise material recovery

Refined for performance:

The next-gen ADS

Recycling operations are under pressure to deliver cleaner, higher-value materials while managing costs and staying ahead of regulation. The next-gen ADS was built to meet these challenges head-on.

Whether handling MSW, RDF, SRF, C&D, or ASR, the ADS consistently delivers outstanding results. Designed to separate mixed material streams into lights and heavies, it offers precise, high-capacity performance while being simple to operate and maintain.

The result? Better quality outputs, greater recovery rates, and improved bottom lines.

Smart separation for modern recycling

We've developed a suite of advanced systems to tackle today's recycling challenges. From our Zigzag Air Classifier (ZAC) and FilmVac & FilmLift systems to Windshifter solutions, every innovation is designed to maximise material recovery, improve quality, and streamline operations.

One standout technology is our **newly enhanced Air Drum Separator (ADS)**. Engineered through a full redesign process, the ADS sets a new standard for flexibility, efficiency and reliability.



How we engineer the edge

At Impact, every detail is deliberate. Our design engineers work closely with customers and plant designers to ensure that each system performs reliably and efficiently across varying material streams and operating conditions. This collaborative approach results in machines that are practical, precise, and future-ready.

Key advantages:

- Excellent separation of light and heavy fractions
- High throughput with low energy consumption
- Easy to operate, clean, and maintain
- Adaptable to different material types and site setups
- Quick return on investment through increased recovery and reduced landfill

Engineering excellence:

What's inside the ADS?

With three standard widths - 900mm,

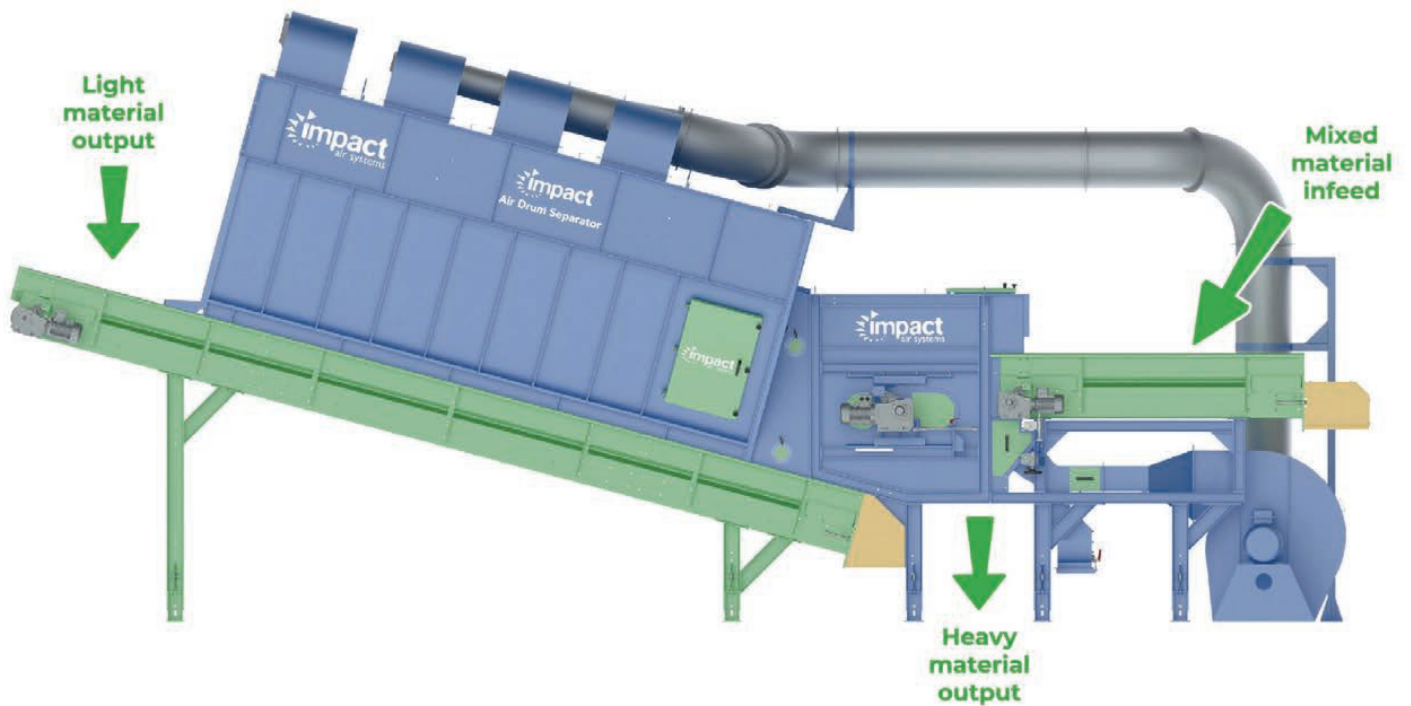


1200mm, and 1500mm - and throughput capacity from 20 to 250m³/hr, the ADS is tailored for optimal performance.

Advanced features include:

- Adjustable drum movement for flexible separation
- Variable-angle air nozzles for precision control
- Energy-efficient primary fan with VFD control
- ATEX-compliant integrated dust control
- Self-cleaning drum and belt scrapers
- Secondary vacuum fan for optimal pressure balance

Continued on page 28



Everything about the ADS is engineered to maximise uptime, performance and ease of use.

Designed for versatility:

Where the ADS excels

The versatility of the ADS makes it ideal for a wide range of recycling and recovery applications. Whether separating plastics, light paper, foils, insulation, or similar light materials, the system delivers robust performance across the board.

Common applications:

- Municipal Solid Waste (MSW): Separate valuable recyclables from fines and organics
- Construction & Demolition (C&D): Remove insulation, films and packaging from rubble
- Commercial & Industrial (C&I): Improve recovery of flexible plastics and papers
- Solid Recovered Fuel (SRF) & Refuse Derived Fuel (RDF): Enhance calorific value by removing contaminants, including aggregates
- Biomass: Clean wood streams for efficient combustion or processing
- Automotive Shredder Residue (ASR): Pre-clean for downstream recovery or processing

Inside the innovation: R&D insights

“The next-gen ADS is the result of months of iterative development and real-world testing,” says Dave Lansdell, Technical Sales Director at Impact. “Our goal was to simplify operation while enhancing precision - especially for difficult or variable feedstocks. This input from frontline engineers and industry partners has shaped a system that not only works better - but works smarter.”

More than a machine:

Ongoing support that matters

Investing in an ADS means more than buying a piece of equipment - it's entering a partnership. Our sister company, Impact Technical Services, ensures every system stays in peak condition.

With tailored maintenance contracts, quick delivery of spare parts, and a 24/7 response capability, we keep systems running efficiently long after installation. Many of our clients operate critical, high-throughput plants - our commitment is to keep them moving.



Heavy (non-plastic, wood, metal, aggregates) materials discharged from ADS



Light (rigid plastic) materials discharged from ADS

Real-world results: ENVA case study

At ENVA's plastics recovery facility based in Bourne, Lincolnshire, the Air Drum Separator proved its value fast.

“Impact's ADS has been a fantastic addition to our process,” says Bernard McCulloch, Engineering Services Manager at ENVA. “It has significantly improved the purity of our plastic streams and runs consistently with minimal intervention. The results have been nothing short of spectacular.”

Thanks to its performance and reliability, the ADS helped ENVA move closer to its goal of achieving zero waste while improving operational efficiency.



Try before you buy: In-house demonstration facility

To support customers in making confident decisions, Impact offers a fully equipped in-house demonstration facility. You can bring or send material samples to see the ADS in action - and witness the performance gains for yourself.

"When clients see the ADS run their material, they immediately understand its value," says Andrew Vicary, Technical Sales Manager. "It's a game-changer."

A global footprint, powered by British Engineering

With systems installed across Europe, North America, and Asia, Impact is proud to deliver British-engineered solutions on a global scale. We combine deep technical expertise with localised

support to ensure every system is set up for long-term success.

Our network of regional partners, agents, and field technicians ensures that our customers receive local expertise and a personal touch, wherever they are.

Invest in the future of waste recovery

The Air Drum Separator is more than a machine - it's a strategic investment in the future of recycling. Cleaner material streams, better recovery rates, and simplified operations add up to real competitive advantage.

As regulations tighten and pressure grows to achieve circular economy goals, the right equipment matters more than ever. With the ADS, waste processors get a powerful, proven solution ready to meet tomorrow's demands.

Who we are: British innovation in air technology

Since 1989, Impact Air Systems has been designing and delivering smart, reliable, air-based solutions for material handling and waste recovery. From factories producing cans and cartons to high-throughput recycling plants, our systems help businesses capture more value, cleanly and efficiently.

Headquartered in Leicestershire and now part of the Addtech Nordic AB

group, we've completed thousands of projects across more than 20 countries - each one tailored to meet the needs of modern manufacturing and recycling.

With a deep engineering heritage, a dedicated service arm (Impact Technical Services), and a team focused on long-term support, we're proud to be a trusted partner to leading recyclers and producers worldwide.

Why choose Impact?

- Over 35 years of experience in air technology and recycling solutions
- Regionally based technical sales team supported by global agents and partners
- 150+ installations delivered annually across the world
- Trusted British engineering known for durability and innovation
- Complete in-house service: design, CAD, project management, commissioning
- Dedicated aftercare through our sister company, Impact Technical Services

See the full range of solutions at:
www.impactairsystems.com
or scan the QR code.



SRF recovered with further processing from the Impact ZAC

Bollegraaf's Two-Ram baler:

Perfect for baling large and bulky material



With 65 years of experience, Bollegraaf balers are world-renowned as the leading standard in waste baling. The introduction of the new Two-Ram baler offers waste processors an ideal solution for baling large, bulky materials. The new Two-Ram balers produce high-density and homogeneous bales while keeping baling time and energy usage to a minimum.

After three years of thorough research and development, Bollegraaf Recycling Solutions is launching an innovative baling technology that specifically ensures shorter baling times, optimised life cycle costs and low energy consumption: the Two-Ram baler. Bollegraaf is proud to announce this new addition to the baler portfolio. These Two-Ram balers are designed, developed, manufactured, and tested in Bollegraaf's manufacturing facility in the Netherlands. They are perfect for baling plastics, oversized OCC (Old Corrugated Cardboard), non-ferrous materials such as aluminium cans and more.

The principle of the Two-Ram baler is that the material is deposited into a large hopper leading to the bale chamber. There, it gets compressed by two pre-press

flaps. Afterwards, the main ram presses the material against a hard wall on the opposite side. A retractable door blocks

the exit path to ensure that the material is enclosed from all sides. This results in denser bales compared to a conventional channel baler, especially with tough and elastic materials. Once the material has been compressed into the desired bale dimensions, the retractable door opens and a secondary ram ejects the bale, ready to be tied, wrapped or bagged.

As a standard, the Two-Ram balers come with a dual pre-press technology, a stand-alone wire tie unit and fully bolted Hardox plates. They are also easy to customise according to the customer's needs.

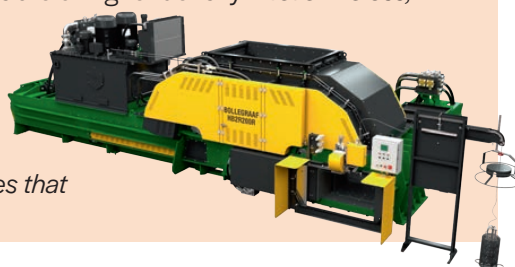
"The introduction of the Two-Ram baler gives us new possibilities to help the recycling industry with their baling challenges," says Steve Starr, Sales Manager, Business Unit Balers at Bollegraaf. "The Two-Ram baler is an adaptive machine, specially designed to fit the varying materials. This means that the installation autonomously adjusts the pressure level and other parameters. Thanks to machine learning, the system is able to improve itself and thus achieve the optimal bale weight."

Recently, Bollegraaf installed a brand-new Two-Ram baler at Kras Recycling in the Netherlands. Kras Recycling sorts and processes all kinds of plastics, as well as paper and metal. The recycling specialist is continually seeking to enhance its performance through innovative methods. After all, anyone who wants to distinguish themselves in the recycling sector chooses equipment that is not only cost-efficient and energy-saving but also excels in productivity. For this reason, Kras Recycling opted for the Two-Ram baler from Bollegraaf, in addition to their existing channel baler, and thus achieved a significant improvement. In the Dutch city of Almere, the chosen location, the latest acquisition quickly proved to be a hit. The state-of-the-art equipment enables Kras Recycling to bale a wide variety of materials even better.

Kras is very positive and says that, thanks to the Two-Ram baler, they can process more tonnes per hour. They experience that the costs per tonne are considerably lower and that the bales are of higher density. *"Nevertheless, Bollegraaf continues to monitor the project closely in order to quickly respond to possible improvements,"* says Steve Starr. *"We are confident that the Two-Ram baler can help our UK customers with the challenges that they face!"*

CASE STUDY

For more information about the Two-Ram baler, please visit www.bollegraaf.com/technologies/two-ram-balers/. Alternatively, you can send an email to Steve Starr at s.starr@bollegraaf.com



BOLLEGRAAF TWO-RAM BALER (DUAL PRE-PRESS)



DESIGNED TO PROCESS LARGE, BULKY MATERIALS



ADVANTAGES:

- **HIGHER BALE DENSITY**
- **REDUCED BALING TIME**
- **ABLE TO BALE A WIDE VARIETY OF MATERIALS**
- **LOW ENERGY USAGE**
- **OPTIMISED LIFE CYCLE COSTS**

Efficient waste management solutions with WES

In an era where sustainability and operational efficiency are more crucial than ever, **Waste Equipment Supplies (WES) - part of Vale Recycling Group** - stands out as a trusted provider in the waste and recycling industry across the UK.

Based in Blackburn, Waste Equipment Supplies specialises in the provision of both new and refurbished waste and recycling equipment, serving a diverse range of industries and businesses. From independent businesses to national corporations, our extensive customer base reflects the company's reputation for reliability, affordability, and excellence.

Our product offering is comprehensive, ranging from vertical mill size balers to powerful twin ram machines. Whether it's static or portable compactors, a bin lift or conveyor belt you're after, Waste Equipment Supplies ensures each solution is tailored to suit your specific waste management needs.

Waste Equipment Supplies' customer

service extends far past the initial supply of equipment. From initial consultation and installation to ongoing maintenance, their in-house team of experienced service engineers provides comprehensive support throughout the UK. This continuous support has helped us build long-term relationships with clients who value quality, consistency, and responsive support.



What truly sets Waste Equipment Supplies apart is our competitive pricing within the market. By offering both new and expertly refurbished equipment, we make high-performance waste solutions accessible to businesses of all sizes, without compromising on quality or service.

For reliable, cost-effective, and expertly supported waste and recycling equipment, Waste Equipment Supplies continues to be a leading choice for companies looking to streamline their environmental operations.



Waste Equipment Supplies Ltd.

Part of the Vale Recycling Group

TWIN RAM BALERS
FULLY AUTOMATIC BALERS
VERTICAL BALERS
SCREW COMPACTORS
STATIC COMPACTORS
MOBILE COMPACTORS



WASTE EQUIPMENT SUPPLIES LTD

TEL :- 01254 676768

E-MAIL - ANDY@WASTE-EQUIPMENT.CO.UK

WEBSITE - WWW.WASTE-EQUIPMENTSUPPLIES.COM

Successful partnership sets new standards in recycling efficiency



Kaizen Recycling is a highly specialised company with extensive technical expertise built on many years of experience in the recycling industry. The company's in-depth knowledge enables it to deliver tailored solutions for a wide range of requirements in waste treatment and processing.

A prime example of successful project delivery is the close collaboration with renowned supplier EUROPRESS Umwelttechnik GmbH. Together, they implemented a demanding project for the client BEAUPARC, a forward-thinking company operating throughout the UK and Ireland, setting new standards both technically and logistically. Through this partnership, BEAUPARC was equipped with state-of-the-art technology, enhancing the efficiency and sustainability of its operations.

As part of this investment, Beuparc opted for a combination of a new **HP 180 V5 channel baler** and a modern chain belt conveyor, both from Kaizen's extensive portfolio. The HP 180 V5 was specifically chosen for its suitability in handling SRF (Solid Recovered Fuel) and RDF (Refuse Derived Fuel) - materials that place particularly high demands on compaction force, binding technology, and mechanical durability.

A notable highlight of the system is the plastic wire tying mechanism, which offers significant advantages in both environmental and operational terms. With bale dimensions of approximately 1,100 x 1,100 x 1,400mm and an average bale weight of around 1.3 tonnes, the system easily meets day-to-day throughput and density requirements, making it ideal for high-volume industrial environments.

Since installation, the equipment has been running smoothly and efficiently - a clear demonstration that investing in quality and innovation delivers long-term value. For Beuparc, this means increased processing capacity and a marked improvement in environmental performance.

With a broad portfolio of state-of-the-art equipment and a strong network of partners, such as EUROPRESS, Kaizen Recycling is well-positioned to meet the evolving demands of the recycling sector. The combination of technical know-how, practical solutions, and a firm commitment to sustainability makes Kaizen a trusted partner for companies that are planning ahead for a cleaner, more efficient future.

www.kaizenrecycling.co.uk



KAIZEN Recycling Ltd & Europress Umwelttechnik GmbH – A Strong Partnership for Sustainable Recycling Solutions

Since 2022, KAIZEN and EUROPRESS have enjoyed a successful partnership that has resulted in the completion of numerous projects across the UK.

With over 25 years of experience, EUROPRESS Umwelttechnik GmbH stands for innovative environmental technology "Made in Germany". Whether conveying, dosing, sorting, compacting or binding, their high performance systems, including stationary channel balers with up to 210 tonnes press force and mobile units for flexible applications, are designed for maximum efficiency and tailored to individual customer requirements.

Together, we deliver reliable solutions to the challenges of the recycling industry.

info@kaizenrecycling.co.uk

01743 343400

www.kaizenrecycling.co.uk



Compacting for a sustainable future

Sustainability is no longer just a buzzword - it's a real responsibility for every business.

Companies across the UK and beyond are under increasing pressure to reduce their environmental impact while staying efficient and cost-effective. At Kadant PAAL Ltd, we're proud to support this shift by providing high-quality compactors and balers that make waste management smarter, cleaner and easier for businesses of all types.

Our DICOM range of static and portable compactors are designed to handle a wide range of waste challenges. These machines effectively reduce the volume of materials such as cardboard, plastic packaging and dry commercial or industrial

waste. This reduction frees up valuable space on-site, lowers the frequency of waste collections and cuts transport-related carbon emissions.

Businesses benefit from improved hygiene, reduced fire risk and a tidier working environment - all of which contribute to safer, more efficient operations.

Whether used in retail, logistics, manufacturing, hospitality, healthcare, facilities management, or by local authorities, our compactors help simplify waste processes and promote responsible disposal practices. Their robust build ensures long-term durability and low maintenance, making them a sound investment for any organisation



KADANT | PAAL

AUTO-TIE CHANNEL BALERS
TWIN RAM BALERS
SEMI-AUTOMATIC BALERS
CONVEYOR SYSTEMS
STATIC COMPACTORS
PORTABLE COMPACTORS
VERTICAL BALERS



NATIONWIDE
SALES & SERVICE



PAAL®
A Kadant PAAL brand

KADANT PAAL LIMITED
LYDFORD ROAD, MEADOW LANE INDUSTRIAL ESTATE,
ALFRETON, DERBYSHIRE. DE55 7RQ
TEL: 01773 520565 | EMAIL: DICOM.SALES@KADANT.COM
WWW.KADANTPAAL.COM | WWW.DICOMPAAL.CO.UK

DICOM
A Kadant PAAL brand



focused on operational resilience and cost control.

Beyond mechanical performance, our compactors stand out for their smart capabilities. Our DICOM RMS (Remote Monitoring System) allows both our team and our customers to monitor machine performance in real-time. We can adjust factory settings, perform system checks, and diagnose faults remotely. In many cases, common issues are resolved immediately through simple guidance to the user. Where a site visit is required, the RMS often identifies the fault and necessary parts in advance, reducing both downtime and service costs.

Further enhancing functionality, DICOM Connect is a client-facing platform that

works in conjunction with RMS to provide live data and performance metrics through an intuitive dashboard. It provides users with valuable insight into compactor activity, helping them to manage their operations more effectively and make informed decisions.

RMS is now included as standard on all new static and large portable compactors and can be retrofitted to most existing DICOM models.

By delivering reliable waste handling and advanced digital tools, Kadant PAAL Ltd's compactors help businesses achieve cleaner sites, more efficient operations and measurable environmental improvements - all within a practical, cost-conscious framework.

Capital Compactors and Balers celebrates 10-year partnership with Welcome Break

Capital Compactors and Balers, part of the Impact Environmental Group, is marking a highly successful ten-year partnership with leading motorway services group Welcome Break, with a major installation at a new site in Rotherham.

Over the past decade, the partnership has undergone significant growth. Capital started by providing a full-service and maintenance programme. Now, they also design and install custom-built equipment.

During this partnership, Capital has supplied replacement equipment to 29 Welcome Break sites across the country. This support helps Welcome Break reduce waste with portable compactors and cut costs with balers for cardboard recycling, all while improving their environmental efforts.

The most recent installation in Yorkshire, marking 10 collaborative years, saw the installation of a baler for cardboard and a portable CP30i waste compactor fitted with GPS location, online monitoring of usage and real-time notifications on compactor fill levels. Part of Capital's i-Series, the next-generation machine incorporates state-of-the-art technology for vastly enhanced operational and environmental benefits, including a 25% improvement on energy performance compared to standard compaction machinery. Notably, critical information from each asset can be shared via a bespoke monitoring platform with Capital's service engineers, allowing for faster diagnostics and adjustments if required.



Daniel Parsons, Managing Director at Capital Compactors and Balers, said: "It is a privilege to celebrate our well-established collaboration with Welcome Break, and to mark the many successes we have achieved together over the last ten years. The partnership has grown considerably during that time and we look forward to building on this further as we continue to support the group, providing a best-in-class service and industry-leading offering to heighten Welcome Break's waste management operations."



Why more waste companies are choosing Ken Mills Engineering horizontal balers

At Ken Mills Engineering, we don't build compactors. We don't do vertical balers. We specialise in one thing - horizontal waste balers - and we've spent over 45 years refining and perfecting them.

Every KME baler is designed, built and tested at our facility in Littleborough, Greater Manchester. With more than 1,000 machines manufactured to date, our in-house team handles everything from design through to fabrication and commissioning, allowing us to maintain full quality control and tailor each baler to the specific needs of our customers.

Our machines are trusted by some of the biggest names in the waste and recycling sector across the UK and beyond. Companies such as SUEZ, Shred Station, Veolia, FCC Environment, Cumbria Waste and Exxon Mobil rely on KME equipment every day. In addition, we supply baling systems to numerous private and local authority Material Recovery Facility (MRF) sites, where reliability and throughput are critical.

One of our most in-demand solutions is the KME twin ram horizontal baler. Designed for heavy-duty performance and high-volume output, these machines

are ideal for processing a wide range of materials, including cardboard, rigid plastics, film, RDF and more. The dual-ram design separates compaction and ejection, allowing for faster cycle times, higher bale density and greater consistency - ideal for operations where efficiency and bale quality are paramount.

Flexibility is at the core of every system we build. Whether you require a standalone baler or a fully integrated solution with transfer conveyors, feed hoppers and automatic tying, we design and build systems tailored to your workflow, site layout and operational objectives. Our focus is always on building machines that last, with low maintenance needs, robust components and long service life built in as standard.

We also pride ourselves on providing service that goes beyond the sale. From delivery and installation - available nationwide and worldwide - to our responsive after-sales support, we're known for standing by our customers. When you choose KME, you're choosing more than a machine - you're choosing a partnership.

KME balers are already working hard



across the UK, helping major operators and independent facilities streamline their waste handling and maximise their material recovery.

In a sector where downtime costs money and reliability is everything, Ken Mills Engineering stands out by focusing on one thing and doing it exceptionally well.

Get in touch with our team to discuss your baling needs. T: 01706 756500

E: info@kenmills.co.uk



Ken Mills Engineering Ltd

WASTE BALERS

Built in Britain. Built to last.

Engineered for low maintenance,
long life and maximum output with
after-sales support that won't let you down.

Over 40 years of British-built muscle,
trusted by the UK's toughest industries.



01706 756500



info@kenmills.co.uk



www.kenmills.co.uk

REP-TEC wins 'Manufacturing Innovation Award'

REP-TEC is proud to announce that it has won the **Manufacturing Innovation Award** at the *Insider Media Made in NI Awards*, held recently in Belfast. This marks back-to-back wins for the company, having also taken home the award for **Manufacturing Start Up of the Year** at last year's event.

The award recognises REP-TEC's pioneering ECO-DRIVE® technology and the company's commitment to building smarter, more energy-efficient machines for the recycling and waste management industries.

ECO-DRIVE® is an energy-saving solution and when it is integrated with REP-TEC's twin ram baler control system, typically delivers up to a 30% saving on power usage compared to traditional systems. By enabling precise control over motor speed, ECO-DRIVE® significantly optimises energy usage throughout the baling process - enhancing operational efficiency, lowering running costs, and reducing environmental impact.

What began as a mission to create better, more sustainable solutions has become the driving force behind everything REP-TEC does. This award marks a major milestone in the company's journey and highlights the innovation and dedication of the entire team.

"We're absolutely thrilled to receive this award," said Colm Grimes, Managing Director of REP-TEC. "It's a significant moment for everyone who has contributed to our progress and growth. ECO-DRIVE® is more than just a technology - it represents a shift in how we approach machine design, sustainability, and the future of manufacturing."



Pictured (L-R): Mark Doherty, Sales Director and Colm Grimes, Managing Director

Following this award, REP-TEC are now preparing to represent Northern Ireland in the *Insider Media Made in the UK Awards* on Thursday, 19th June, 2025.

Colm continues: "A huge thanks to everyone involved in making this achievement possible. We're honoured to be flying the flag for NI and excited to showcase what we've built on the national stage in June."

For more information about REP-TEC and ECO-DRIVE®, visit www.rep-tec.co.uk

ENERGY EFFICIENT TWIN RAM BALERS

www.rep-tec.co.uk

Low hour used machines

Direct from the manufacturer.

LIEBHERR

Liebherr Great Britain



Liebherr Great Britain. • Normandy Lane, Stratton Business Park • Biggleswade • SG18 8QB
• Phone +44 1767 60 21 00 • info.lgb@liebherr.com • liebherr.com

For further information contact:

John Diggins 07836-243530
john.diggins@liebherr.com

Check out the rest of our UK based
used material handling machines via
the link or scan the QR code.

<https://bit.ly/3WZmWSD>



Problem? Let Liebherr handle it

Liebherr's answer to double trouble

When you're recycling more than 200,000 tonnes of timber a year, it's crucial that your frontline machines are up to the job. The Purvis Group's telescopic handlers weren't: it was time to give Liebherr a call.

The Fife multi-faceted group had been running a pair of waste spec handlers at its biomass facility, but it was becoming increasingly evident they just couldn't cope. Site manager Wayne Campbell takes up the story:
"Because both machines were

extremely important to the business, they needed to be reliable. We could cope with one machine being out of service for a very short time, but when it became a regular occurrence on both, we knew we needed to look elsewhere for a solution."

The answer was found at Liebherr GB in the form of two **T 60-9s telescopic handlers**, which were acquired following a successful demonstration exercise and put into operation at Purvis's recycling park close to its headquarters in Lochgelly. There, virgin timber and material sourced from the company's recycling operations are processed into several grades to supply biomass to

Model: T 60-9s
Engine output: 115kW / 156hp
Operating weight: 11,700kg
Max lift height: 9m
Max lift capacity: 6,000kg



(Pictured L-R): George Nicholson, operator, Callum Russell, production foreman, Ross Black, operator



power stations. The machines' duties include handling the huge volumes of material being generated by the timber processing operations and loading up the continuous stream of walking floor trailers that take the material off-site.

Liebherr's telehandler range encompasses models with lift capacities ranging from 3.3 tonnes to 6 tonnes and maximum lift heights of up to 10m. The most popular models in the UK are the heavy-duty, waste specification T 55-7s

and T 60-9s, both armed with upgrades to equip them for work in the tough applications found in the waste industry.

Purvis initially had their eye on the smaller T 55-7s and took it on demo, but, as managing director Craig Purvis explained, it was agreed that better load-over height of the larger machine would be more beneficial. He added: *"Liebherr organised a second demo, this time with the larger machine, which has worked out perfectly and handles our 4m³ and 5m³ buckets with ease."*

"The large, general-purpose buckets mounted on hydraulic quick couplers has allowed the Liebherr's to cut the loading time for each truck to a minimum and with the increased height of the 9m boom, the machines can stay well away from the trucks on each pass."

In the case of the T 60-9s, the Camso semi-solid, puncture-proof tyres provide solid grip when the concrete surface

becomes wet and greasy. The machine rides on heavy-duty Spicer axles with a range of steering options and its 3.15m wheelbase offers rock-solid stability. The two-piece boom is mounted low in the chassis to give the operator a wider field of visibility.

Operator duties are split between George Nicholson and Ross Black, who have given the handlers the thumbs-up. Nicholson said: *"They are great machines to operate – powerful, smooth and very comfortable, with unbelievable visibility. On the previous machines, you were forever rocking backwards and forwards in the seat to see the bucket, but it's so much more relaxing in these new machines, thanks to the huge windscreens. There's plenty of power, too. Even though we are only moving woodchip, it compresses and needs a bit of a shove to get it into the bucket. The Liebherr's do it easily."*

"They are great machines to operate – powerful, smooth and comfortable" - George Nicholson, operator

Founded in 1980 as a plant hire operation, the Purvis Group has expanded into a single-source business for the construction, recycling and haulage sector with interests in civil engineering, demolition, building supplies, screening and crushing, mechanical and electrical services and site accommodation. Founder and chairman Bob Purvis was awarded an OBE in the 2025 King's New Year's Honours for services and commitment to the community.

THE PURVIS GROUP
T: 01592 780492
www.purvisgroup.co.uk

Papersort UK Limited is the new name for Oswestry Waste Paper

Recycling UK Limited, headquartered in Tarporley near Chester, has announced that its group company, Oswestry Waste Paper Ltd., has recently rebranded as Papersort UK Limited.

Neil Clarke, Managing Director of Recycling UK Group, stated that the name change was necessary because the Oswestry recycling depot is now handling waste paper collected from suppliers, including distribution centres and local authorities across the UK. The new name reflects this expanded role. Although the Oswestry site also processes some plastic, most of its input is paper, which is sorted and graded before being shipped to paper mills in the UK, Europe, the Far East and India.

Simon Marsden, Operations Director, mentioned that since taking over the site from the Davies family in 2012, the volume of materials collected locally in Shropshire, Cheshire, the Midlands and North and Mid Wales has significantly increased. This growth is attributed to winning and servicing national supply contracts, with the additional tonnage being processed at the Oswestry site and other third-party processing plants throughout the UK.

Alex Pinson, Commercial Director, added that the name change better aligns with the national work the company now undertakes in the UK. He believes it will enhance contract purchasing opportunities nationwide and expand supply opportunities globally through RUK group sales. He noted that, as the company has shifted away from being a local processing operation, it has grown the tonnage handled to over 1,500 tonnes per week at the Oswestry site.

In addition to its national recycling activities, Recycling UK Limited trades in 400,000 tonnes of recovered paper, packaging materials, reels and other recycled materials. The group also oversees recycling operations at large industrial sites, such as printers and packaging companies and purchases substantial quantities of recovered paper in Ireland for worldwide shipment.



CDE set to showcase how it is enabling PMG to convert waste into opportunity

Wet processing technology expert CDE has commissioned a 25tph waste recycling facility for PMG in Bristol, which will be showcased at an open house event on 11th-12th June.

PMG is a family-owned business and leading provider of road sweeper and tanker hire across the South West of England.

Operating for 35 years, PMG provides road sweepers and tankers as well as waste management.

Operational since February, the new site at Severn Beach is home to the company's second CDE wet processing plant. It will process tanker wastes, such as gully waste, road sweepings, and tipper waste to produce a selection of sand and aggregate products.

Clare McGuinness, Managing Director at PMG, commented: "The opening of this waste recycling facility marks a major step forward in our commitment to sustainability. This plant will not only divert more waste from landfill but will also transform waste into valuable recycled materials. By turning road sweepings and gully waste into reusable resources, we're not only protecting the environment but also creating new revenue streams that support our local economy."

With a growing emphasis on creating a circular economy through recycling and repurposing of waste material to align with the UK's circular economy objectives, Fergal Campbell, UK key accounts manager at CDE, says this facility is contributing to long-term environmental sustainability.

"We're delighted to have partnered with PMG on their second waste recycling plant. We're committed to helping our customers transform waste into opportunity, such as high-quality sand and aggregates, which are essential for construction projects. By investing in CDE's technology, PMG is investing in a sustainable future."

"We look forward to showcasing our technology at this month's open house event, where we will exhibit our expertise and present our cutting-edge solutions."

Register now to secure your spot for this insightful open house event and discover how PMG and CDE are collaborating to lead the way in waste management.



For more information or to register to attend, scan the QR code on the opposite page.

OPEN DAY

11-12 JUNE | BRISTOL

CDE

PMG

CDE is proud to partner with PMG to showcase their new Waste Recycling Facility in Bristol.

Join us to mark the official opening of PMG's expanded operations in the South West. Enjoy a dedicated tour of their new 25TPH waste recycling plant and learn how the plant processes gully waste and road sweepings, transforming it into high quality recycled sand and aggregates.



Scan QR code
to register

Visit [cdegroupp.com](https://www.cdegroupp.com)



DR ANNA WILLETTS

Anna is an environmental criminal lawyer, specialising in defence work in the waste and recycling industry. She is dual-qualified, having completed a PhD in geochemistry and worked as an environmental consultant for 5 years before qualifying as a lawyer.

Anna represents waste and recycling businesses and directors who are prosecuted by the regulators for environmental and waste offences.



BUSINESS CLINIC

Landfill tax and what to consider

I promise this will be my last article on tax for a while. This month, both Jessica and I are focusing on tax as the Government's consultation on reform of landfill tax is live (scan the QR code to read in full).

This appears to represent a major overhaul of the landfill tax regime, so it will be extremely important for those in the industry who deal with landfill tax, particularly those who operate quarries and/or deal with inert waste. One of the key proposals is transitioning to a single rate of landfill tax by 2030 and moving away from the current lower and higher rates.



It also includes proposals to remove the Qualifying Fines Regime from April 2027, remove the exemption for filling quarries from 2027 and remove the water discounting scheme from April 2027.

The implications of this, particularly for the minerals sector, may be financially extremely large with the removal of the lower rate tax, which is currently at £4.05 per tonne. This rate applies to specific, less polluting materials, such as rocks or soil, as outlined in the Landfill Tax (Qualifying Material) Order 2011. The higher rate, as readers will be aware, is £126.15.

While reducing reliance on landfill and diverting waste from landfill are, of course, to be encouraged, to encourage more sustainable ways of managing waste, there are many potential 'knock-on' effects of having one flat tax rate for all wastes. We can see these applying to construction, house building and other buildings and development, as well as the traditional minerals and waste sectors. When these sectors have previously been removing waste at the lower tax rate, if this now costs almost 30 times more, this would have huge implications for development.

A positive outcome may be that it encourages more producers to consider whether their material is actually waste and needs to be landfilled, or whether it is a material capable of re-use under another regime, such as DoWCoP or using self-assessment.

We therefore encourage readers to review and respond to what we think is a very important consultation with potential wide-ranging effects for many sectors of the industry. The Government should have as many responses as possible to reflect the importance of the implications of these proposed changes.

Read Jessica's column on page 52 and Marco's on page 56.

Anna is 'Immediate Past President' of the Chartered Institution of Wastes Management and Co-Convenor of UKELA's Waste Working Party. E: anna.willetts@gunnercooke.com

**GOT A QUESTION
ASK THE EXPERTS**

Work starts at UK's first at-scale EV battery recycling plant

Altium Metals Ltd. has started building the UK's first at-scale electric vehicle (EV) battery recycling facility, which will also refine certain chemicals. This facility is located in Plymouth, Devon.

The ACT 3 plant will help the UK lead in producing sustainable battery materials. It shows Altium's dedication to creating a national battery recycling system that boosts industry, energy security, and economic growth.

The new facility will recover important battery minerals, such as lithium, nickel and graphite from 24,000 EVs each year.

Altium will use its EcoCathode process to turn battery waste into Nickel Mixed Hydroxide Precipitate (MHP) and Lithium Sulfate. These materials are essential for making battery cathodes in the UK.

Construction is underway on a 4-acre site, with engineering work done by Hatch,

a well-known engineering consulting firm. This plant will help gather important information on handling materials, scaling operations and optimising processes while meeting sustainability and environmental standards. This project is part of a plan to eventually build a larger ACT 4 mega-scale refinery in the coming years.

Currently, the UK relies heavily on imported battery materials, which are crucial for reducing carbon emissions and supporting the energy transition. By 2030, the UK is expected to need up to 40% of the world's lithium production and 30% of the world's graphite production, according to research from the UK Critical Minerals Intelligence Centre (CMIC).

By creating a circular economy for EV batteries, Altium is ensuring that the UK has a secure and sustainable supply chain for these materials. This will reduce

reliance on imports and help cut carbon emissions.

Dr Christian Marston, COO of Altium, said: "Our ACT 3 site is a key step in our mission to close the loop on battery materials in Britain. We are proud to build this facility in Plymouth, making it a key part of the UK's EV battery supply chain. This approach will help us grow a new industry, keeping value in the country and creating long-lasting, skilled green jobs."

While battery recycling in the UK has mostly focused on shredding batteries and making black mass, Altium is advancing to retain valuable battery metals, such as lithium and nickel, within the UK. This advanced refining process will create local jobs and ensure a steady supply of battery-grade materials for the UK's growing EV and gigafactory sectors.

Please kindly mention *Skip & Waste* magazine when replying to adverts

New service launched to tackle hard-to-recycle items such as coffee cups

South West businesses can now recycle hard-to-recycle waste and boost their sustainability efforts with a new service.

Grundon, a waste management company with offices in St. Philip's in Bristol and Bishop's Cleeve near Cheltenham, is launching a service called RecyclePlus. This service will recycle three types of waste: **coffee cups**, **compostables** and **paper towels**. Many companies, especially in hospitality, struggle to recycle these materials.

Grundon has partnered with organisations across the UK to handle this waste properly. When a business uses RecyclePlus, it guarantees 100% recycling after just one collection, helping them meet their sustainability goals.

Coffee cups will be sent to James Cropper in Cumbria, which can then be turned into waste paper. **Compostables** will be taken to Envar in Surrey, where they will be processed into high-quality, peat-free compost. Tork will recycle the **paper towels** into new tissue products.

Daniel Peacey, Grundon's regional sales manager, said: "While compostables such as plant-based cutlery and food trays had become increasingly popular - especially since the ban and restrictions on single-use plastics - the opportunities for correct disposal of these items were not widely available.

"The same applies to coffee cups and paper towels. All three of these items require specialist reprocessing, and as a result, they often end up in general waste. RecyclePlus provides a simple collection service for all three items."

Stephen Hill, general manager at Grundon, added: "Not only will customers significantly increase their recycling rates, they will benefit by reducing the weight of their general waste collections and their waste data will be even more detailed, helping to both meet waste targets and shape future sustainability programmes."

Customers can choose to recycle all three types of waste or select one or two. Grundon will provide colour-coded bins and bags, along with clear signs indicating where to place each item.

Once collected by one of Grundon's latest fully electric zero-emission vehicles, the waste will be sent for reprocessing by their specialised partners.



TYRE & RUBBER RECYCLING

BIKE, CAR, COMMERCIAL,
HEAVY PLANT, SOLID TYRES & TRACKS

T: 0161 775 5319

E: info@eutyresolutions.co.uk



Simpler Recycling, sorted! Bins for every waste stream

- Manufactured in the UK, short lead times
- Full range of containers from 7L to 1100L
- Tested and certified to RAL and EN Norm
- Heavy duty bins for food waste and glass



For more details contact
our sales team on:

0800 032 4289

sales.uk@craemer.com
www.craemer.co.uk



MRF SCREENING STARS & DISCS * CONVEYOR ROLLERS
WOOD & COMPOST STARS * TROMMEL WHEELS
FLIP FLOW SCREEN * CONVEYOR IDLER DISCS

UK MANUFACTURER
OF RUBBER &
POLYURETHANE
WEAR PARTS

T: 01480 496161

E: SALES@CLIFTONRUBBER.COM

WWW.CLIFTONRUBBER.COM



SCAN ME

Scott Bros unveils £1m low-carbon concrete plant



Pictured (L-R): Prof. David Hughes, Bob Borthwick, Scott Bros' Recycling Innovation Engineer Feysal Shifa, Peter Scott, Joss Newberry and Cassidy Smith, Teesside University's IP and Commercialisation Manager, at the low-carbon concrete plant

Recycling specialist Scott Bros recently welcomed representatives from Innovate UK to its £1 million low-carbon concrete facility in Teesside.

Collaborating with Teesside University, Scott Bros has reduced its reliance on carbon-intensive Ordinary Portland Cement (OPC) by substituting up to 25% of the binding agent with a sustainable alternative known as "activated filter cake," a fine-grained clay by-product from construction waste.

The plant, which began full-scale production last month, can produce over 480 cubic metres of low-carbon concrete per day using recycled sand and gravel.

Scott Bros secured a £612,000 grant from Innovate UK to support this initiative. The partnership aims to determine how

much OPC can be replaced without compromising the concrete's strength. OPC production accounts for about 5-8% of global CO₂ emissions, so even a 25% reduction can significantly lower concrete's environmental impact.

Scott Bros is continuing its collaboration with Teesside University to explore further reductions and alternative binding agents.

Joss Newberry from Innovate UK emphasised the project's importance for decarbonisation, while Peter Scott, a Director at Scott Bros, noted that achieving a 25% reduction is a crucial step toward creating more sustainable construction materials. The long-term goal is to eliminate OPC entirely, relying solely on recycled and sustainable materials.

Millions of bricks to be produced from recycled waste following certification

Scottish cleantech company Kenoteq has reached a significant milestone in sustainable construction with its K-BRIQ, made from construction and demolition waste. This low-carbon brick has been certified by the British Board of Agrément (BBA), allowing its use in various construction projects, including facades and feature walls.

Kenoteq plans to begin commercial production of up to two million bricks annually, scaling to four million as needed, from its East Lothian facility. The company also aims to establish regional production to provide low-carbon products from local waste.

The K-BRIQ is unfired and composed of nearly 100% recycled materials, creating 95% less embodied carbon than standard clay bricks. It underwent extensive testing over several years and achieved the highest durability rating, which is crucial for the UK market.

Public sector organisations and developers in London are showing strong interest in the K-BRIQ to meet climate targets, with early adopters likely to include educational estates and large office buildings. The K-BRIQ has also received a Technical Evaluation Report for use in the US, facilitating its global reach.

The K-BRIQ addresses major

environmental challenges in construction, which generates a significant amount of landfill waste and relies heavily on high-carbon brick imports. The UK uses around 2.5 billion bricks annually, with over 500 million imported.

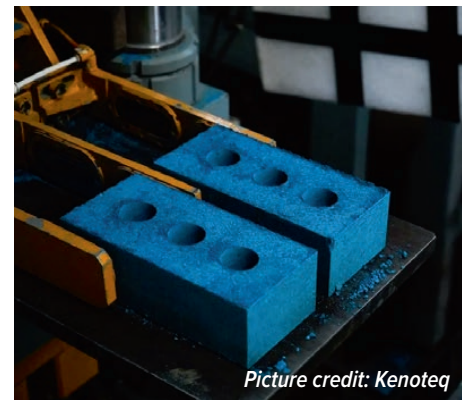
Kenoteq's innovative process allows them to produce recycled bricks within 24 hours of receiving processed waste at their ultra-low energy factory.

Sam Chapman, co-founder and executive director of Kenoteq, remarked: "This certification introduces a transformative building material for the construction and interior design industries. The K-BRIQ addresses the waste crisis and performs like traditional clay bricks.

"With BBA certification, our product can be confidently specified for commercial projects across the UK.

"The construction industry faces pressure to reduce environmental impact without compromising quality and safety. The K-BRIQ's BBA certification shows that we can achieve both aims."

The K-BRIQ has saved 100 tonnes of carbon through demonstration projects and has 95% less embodied carbon than traditional bricks, making it a significant sustainable construction material. Embodied carbon often represents over 50% of a building's total carbon footprint;



Picture credit: Kenoteq

yet, it has been less prioritised than operational carbon in regulations.

A typical two-bedroom UK house uses about 12,000 bricks; standard clay bricks generate around 5.46 tonnes of CO₂ equivalent, whereas K-BRIQs produce only 0.2 tonnes.

All K-BRIQs meet BBA certification for durability, with the Medero Dark Grey variant having an A-class fire rating. Available in 12 colours from recycled pigments, they provide aesthetic options without compromising sustainability.

The BBA certification enables the K-BRIQ to be utilised in various building applications, thereby fulfilling insurance, warranty, and mortgage requirements that have previously hindered the adoption of innovative materials.

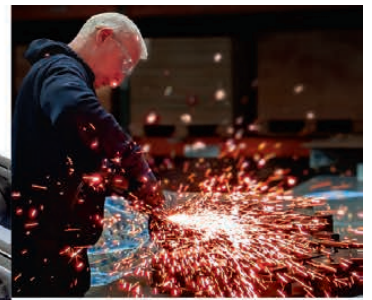


**The products
you want +
the expertise
you need**

Call: 01565 830 747

Email: experts@chainandconveyor.com

Visit: chainandconveyor.com



The leading Plasterboard Recycler in the UK

- Nationwide coverage
- Over 50 years combined Waste Management and Recycling Experience



**PLASTERBOARD
RECYCLING GROUP**

T: 01325 730168 • E: info@prg.uk.com

www.prg.uk.com



TRACEY WESTBURY**Director – Westbury Environmental Limited**

Tracey has worked in the waste industry for 34 years across all sectors. She now acts as a consultant supporting small - medium site operators providing advice and services in waste regulation including permitting, waste recovery, end of waste and environmental management systems.


 **BUSINESS CLINIC**
CONSULTANCY

Time for a tune-up: Why now is the time to update your EMS

The waste sector is no stranger to regulatory change. Whether it's shifting standards, new permit conditions, or updated guidance from the Environment Agency, staying compliant is a moving target. At the heart of a compliant operation is the Environmental Management System (EMS) - a document many operators filed away years ago, only to occasionally dust off at inspection time. But the reality is: your EMS should be a live, evolving tool. And there's no better time than now to bring it up to date.

The bar has been raised since the publication of the Environment Agency's series of *Guidance on Appropriate Measures for Permitted Facilities* in 2021/2022. The guidance sets out clearer expectations around environmental

performance, site infrastructure, emissions control, accident prevention and contingency planning.

Fast forward to 2025, and we're seeing the regulators double down on their use of the appropriate measures framework. Permit variations, new bespoke applications and compliance assessments are now routinely assessed against these standards. An outdated EMS is not just a missed opportunity - it's a compliance risk.

What's more, the regulatory landscape continues to evolve. The introduction of the *Waste Crime Intervention Fee*, increased emphasis on pre-acceptance checks, and reforms to waste carrier registration all signal a tougher stance from regulators. Your EMS is your first line of defence - it documents your controls, training, checks and contingency

procedures. You're potentially exposed to enforcement if it's not aligned with current expectations.

Facilities operating under permits with standard rules sets may have recently had the conditions of their permit changed. *See my previous articles on these changes.* At the very least, these changes will mean that your EMS needs to be updated to meet the new permit conditions.

But this isn't just about avoiding trouble. A modern, well-structured EMS delivers real benefits. It helps staff understand their responsibilities, supports new starter inductions and gives clients and regulators confidence in your professionalism. It can also help unlock permit changes, improve insurance terms, and even reduce operational costs through better resource management and clearer procedures.

And if you need more convincing, the EA is progressing with the permit review process. Believe me, this process is way less painful if you have a comprehensive, up-to-date EMS.

Updating your EMS doesn't have to mean starting from scratch. It's about reviewing each section - from site operations and infrastructure to waste acceptance and training - and benchmarking them against the relevant Appropriate Measures guidance.

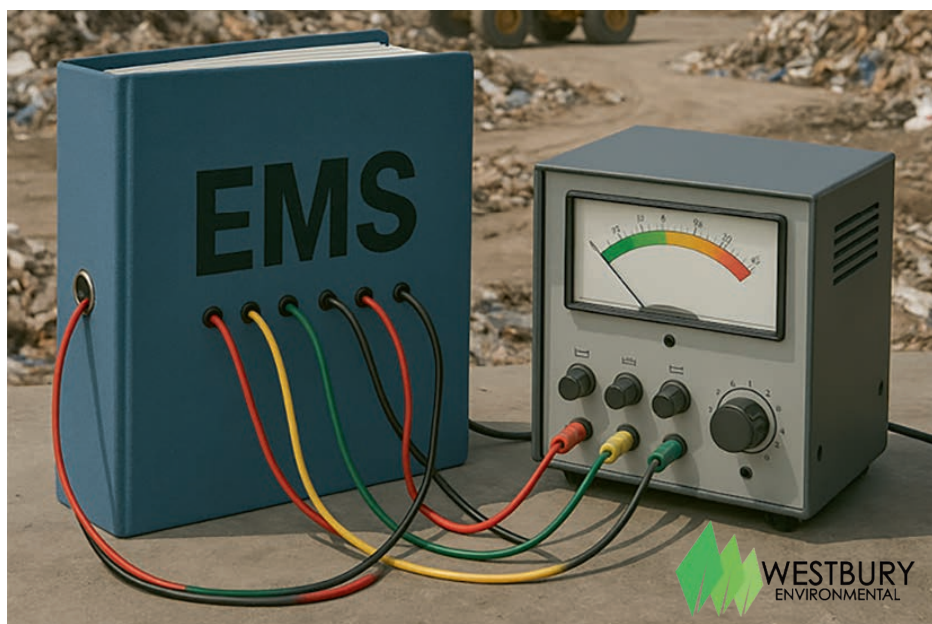
In short, your EMS should reflect how your site operates today, not how it worked when the permit was first granted. With regulator expectations climbing and industry standards tightening, there's no time like the present to give your EMS the attention it deserves.

There is light at the end of the tunnel for those of you who feel that your EMS represents death by paperwork overload. At Westbury Environmental Ltd, we are working on an exciting new platform to digitise your EMS, Site management, training, waste tracking and compliance paperwork. In the meantime, we can help you with all your EMS requirements, in the good old-fashioned way - a lovely, great big folder!

If you need assistance with any of the above issues, get in touch. We are happy to help. Tel: 01952 879705.

Please visit our website for further information: www.westburyenv.co.uk or drop us a line at info@westburyenv.co.uk

**GOT A QUESTION
ASK THE EXPERTS**



Virgin Media O2 recycling scheme diverts 45,000 business devices from landfill



sustainability, with a target of 10 million reuse and recycling actions by 2025.

Dana Haidan, the chief sustainability officer at Virgin Media O2, said: "We know businesses want simple solutions to help them become more sustainable. That's why Virgin Media O2 is leading the way to help companies reduce waste, recycle old tech and reuse unwanted devices."

"Businesses can also help support digital inclusion by donating unused devices, allowing someone else to use them to get online and learn digital skills."

E-waste is a growing concern, with the UN reporting an 82% increase since 2010 and the UK generating more e-waste per person than all but one country - Norway.

The Environmental Audit Committee is urging the UK Government to implement stricter regulations. Research shows nearly 12 million business devices in the UK are currently unused, presenting an opportunity for companies to recover value by reselling or recycling these devices.

Virgin Media O2's O2 Recycle for Business programme has successfully relaunched, facilitating the reuse or recycling of nearly 45,000 smartphones and tablets since October 2023.

This programme allows UK businesses to trade in old devices for cash, receive credit for new technology, or donate funds to the Good Things Foundation, raising about £330,000 so far.

The service is user-friendly, offering

free courier collection and the ability to register multiple devices at once. For remote workers, a prepaid postage system is available for easy, no-cost device submissions.

Collected devices undergo a thorough data wipe before being refurbished or fully recycled, ensuring that no parts are sent to landfills.

This initiative is part of Virgin Media O2's commitment to environmental




Tunsrec Ltd. offers machine wear parts for shredders, crushers, granulators, wood chippers and plastic extruders.

- ✓ Shredder rotor knives, counter knives, knife holders
- ✓ Granulator blades, concave knives, cutter knives
- ✓ Chipper blades, clamping plates, hammers
- ✓ Shredder & granulator hardox screens
- ✓ Crusher shafts, cassettes & hardface service
- ✓ Tools, special screws & more
- ✓ Cutter unit refurbishment for UNTHA RS and 2-4 shaft shredders

We supply parts for all major brands of machinery, such as:
LINDNER, ARJES, TEREX, UNTHA, ZERMA, ELDAN, VECOPLAN, ALBACH, JENZ, BANDIT, LEFORT, GENESIS, DRAGON, EREMA, KOMPLET, HAMMEL, THM, 3E, VTN & MORE...

Industries:

- ✓ Demolition
- ✓ Crushing
- ✓ SRF & RDF recycling
- ✓ WEEE recycling
- ✓ Fridge recycling
- ✓ Mattress recycling
- ✓ Plastic recycling
- ✓ Metal recycling
- ✓ Tyre recycling
- ✓ Rubber recycling
- ✓ Paper recycling
- ✓ Cable recycling
- ✓ Wood chippers - forestry

Tunsrec Ltd.

Milsom Street, Cheltenham GL50 4BA

T: **01242 437099** office
M: **07788 995080**
WhatsApp Wojtek Tunski
E: **info@tunsrec.com**
www.tunsrec.com



Recorra and Vegware mark anniversary of partnership

Waste management company Recorra and compostable packaging company Vegware are celebrating five years of working together.

In 2020, they saw a need for sustainable waste solutions for compostable packaging and started collecting Vegware packaging from businesses in London, Brighton and Sussex. This was the first service of its kind in London. Businesses could have their compostable packaging and food scraps picked up, which were then taken to Envar's composting facility in Cambridgeshire to be turned into high-quality compost in under 12 weeks.

Recorra and Vegware began their partnership in 2020 with a trial service involving 12 organisations to test its effectiveness. Following a successful trial, the service was made available to all Recorra customers in 2021.

Over the past five years, Recorra has helped more than 50 sites and composted over 500,000kg of organic waste. The success of this partnership shows how Vegware and Recorra are finding innovative ways to provide sustainable waste solutions.

This service has also set an example for collecting and recycling compostable packaging, leading to other recycling schemes across the UK.

David Dyce, Vegware's Senior Waste Management Consultant, said: "Five years of partnership is a remarkable achievement. At Vegware, we focus on environmental consulting and assisting our customers in composting their used

Vegware packaging. In Recorra, we have found partners who share our commitment to the circular economy. It has been fantastic to see so many sites composting. I hope we can onboard many more in the next five years!"

During their partnership, this collection service has continually improved. In 2021, with support from WRAP and Vegware, Recorra installed the UK's first compostables sorting line at their Materials Recovery Facility (MRF) in Essex.

In 2023, as part of the Compostable Coalition UK, Recorra and Vegware worked with behaviour change psychologists from the University of Sheffield to improve recycling rates of compostable packaging at three offices in London. These efforts raised the recycling rates at these sites from 56% to 91%. Following this success, Vegware and Recorra plan to expand the service.

James George, Recorra's Head of Product, Innovation, and Circularity, said: "When a company opts for compostable packaging to meet single-use requirements, it's important that an end-of-life composting service is available to give the best environmental outcome. Recorra's work with Vegware and Envar has demonstrated that a viable solution can be implemented and sustained over a long period. The service enables the source segregated collection of used single-use tableware with food scraps that would usually not be recyclable/recoverable and turns the material into high-quality compost meeting the strict PAS 100 standard."

New trial recycles over 300 tonnes of food waste in Newcastle

Newcastle City Council has successfully collected and recycled over 300 tonnes of food waste from households as part of a new trial.

The council reports that this initiative has generated 750,000kWh of renewable energy, sufficient to power 281 homes or heat 67 homes for an entire year.

Launched in September 2024, the trial diverts food waste to a biogas facility in Wardley, Gateshead, where it is processed alongside other organic materials.

Through a process called anaerobic digestion, the waste is transformed into biogas, which is then utilised in Combined Heat and Power (CHP) engines to produce renewable electricity and heat. Additionally, the biogas can be upgraded to meet National Grid standards and supplied as renewable gas.

The council also mentions that this process yields 198 tonnes of nutrient-rich liquid fertiliser, which is distributed to local farms, thereby supporting sustainable agriculture in the region.

This initiative is proactive in meeting the requirements set out in the Environment Act 2021, which mandates that all councils in England implement food waste collections by March 2026.

Greggs and Too Good To Go prevent five million meals from going to waste

Greggs and Too Good To Go have announced that they have prevented five million meals from going to waste in the UK.

Since partnering in 2021, they have redistributed five million 'Surprise Bags' - containing surplus food nearing its sell-by date - available at a reduced price.

Customers use the Too Good To Go app to reserve and pick up these bags from over 2,000 Greggs stores.

A Greggs spokesperson stated that this partnership supports their commitment to reducing food waste and fighting food surplus, while offering value to customers. Collectively, they have avoided CO₂e emissions equivalent to flying around the world 2,346 times.



Waitrose partners with Polytag to boost plastic recycling efforts

Polytag has included Waitrose & Partners in its Ecotrace Programme, which focuses on tracking and recycling single-use packaging in the UK. Through this programme, Waitrose will utilise the Polytag dashboard to monitor the lifecycle of plastic packaging.

Alice Rackley, CEO of Polytag, said: "Waitrose joins us at a crucial time as we work towards installing plastic detection units (PDUs) at 12 sites within the first year of our Ecotrace Programme. This achievement will help fast-moving

consumer goods (FMCG) brands, retailers and waste management companies by providing important barcode-level data on 50% of the UK's waste recycling stream."

The Ecotrace Programme began in 2024, aiming to enhance the identification and recycling of plastic packaging waste by installing PDUs in Materials Recovery Facilities (MRFs).

These PDUs are attached to conveyor belts and can detect Polytag's UV tags, showing brands how much of their packaging gets recycled. Polytag intends

for the PDUs and the Ecotrace Programme to improve the efficiency and accuracy of plastic recycling in the UK.

Denise Mathieson, Head of Packaging Design and Delivery at Waitrose, said: "Joining Polytag's Ecotrace Programme is a big step for us in tracking and understanding the journey of our plastic packaging after use."

"By using Polytag's technology, we will gain valuable insights into how our packaging gets recycled. This will help us make better decisions that support a circular economy. This initiative fits well with our ongoing efforts to be more sustainable and reduce single-use plastic waste."

Waitrose is committed to 'reducing our impact on the environment' by exploring recyclable packaging solutions through the Ecotrace Programme.

Polytag plans to install 12 PDUs in MRFs across the UK. Recently, they installed four PDUs in Wales, which will track 170,000 tonnes of waste that is sent for recycling and recovery each year.

The company hopes the Ecotrace Programme will provide members with the data they need to take responsibility for their single-use plastic packaging and improve the country's recycling rate.



Tyre Boss Ltd
www.tyreboss.co.uk



TOUGH JOBS NEED TOUGH TYRES
CUSHION SOLID TYRES FOR THE WASTE & RECYCLING INDUSTRY




See how we can help you today

T: 07484 303123 E: sales@tyreboss.co.uk







The landfill tax wake-up call

JESSICA MORGAN-SMITH

Partner at MPG, based in
Bingley, Bradford and
Skipton, North Yorkshire



The UK Government has released a **Consultation on Reform of Landfill Tax in England and Northern Ireland**. The consultation seeks views on 'proposals aimed at supporting the Government's ambition to transition to a more circular economy, simplifying the tax and reducing opportunities for error and non-compliance, and cracking down on waste crime'.

Whilst the detail of the consultation is considered by **Dr Anna Willetts** on **page 44**, this article aims to cover the potential implications if the proposals were to be implemented in their current form.

The consultation has, quite rightly, sparked concern across the waste, construction and mineral industries. The goal of reducing waste crime is fundamental. However, the consultation reveals a real disconnect between the intention and the practical and commercial reality.

For waste operators, the mineral sector and developers, the proposed changes present a real threat to project viability. Quarry restoration projects, for instance, rely on supply of (typically) inert materials to fulfil restoration requirements conditioned through planning permissions. Without landfill tax exemptions and lower-rate tax, such restoration and subsequent habitat creation to satisfy BNG requirements may become unfeasible, meaning operators cannot meet their planning obligations. The risk is not just mineral restoration becoming undeliverable due to lack of material but also the potential for sites to reduce the amount of mineral extracted to avoid these restoration issues, thereby further impacting the supply of minerals.



Ongoing delays in permitting bring further issues as timelines for recovery and landfill projects can currently run from 18 months to three years. If the reforms are implemented as proposed, there is likely to be a stampede towards Deposit for Recovery, which could put further pressure on the EA's resources and delay permitting even further and does nothing to prevent illegal waste activities. You could argue that current EA enforcement needs strengthening as a priority before landfill tax is reformed.

The potential economic impact of the landfill tax reform in its current form is eye-watering. The British Aggregates Association (BAA) calculates that if a single rate tax is introduced, this could add £8,000-£12,000 to the cost of building every new home. The wider impact of this is an additional complication to the Government's target of delivering 1.5 million new homes over the next five years.

The consultation highlights that waste classified under 19 12 12 is frequently misdescribed to qualify for lower rate tax, prompting the Government to propose removing the Qualifying Fines Regime by 2027. Rather than penalising the whole sector, a more pointed solution would be beneficial, with a task force focusing on targeted regulation.

The industry is pushing for pragmatic solutions, including retaining quarry exemptions, reforming the environmental permitting regime and improved regulation targeting specific waste regimes and misclassification.

Stakeholder engagement is critical and responding to the consultation with your thoughts and experiences is key to being heard. Look out for campaigns to raise awareness, build industry support, and engage with the Government outside of the consultation. The British Aggregate Association is aiming, through an e-petition, to gather 100,000 signatures so that the debate will be heard in Parliament.

The message to the Government is clear. Tackle waste crime, simplify tax and improve circularity, but not at the expense of our hardworking industry.

This consultation will close on 21st July 2025. Responses should be provided by scanning the QR code and filling in the form or by email to **LftPolicy@hmtreasury.gov.uk**



Also read Marco Muia's thoughts on **page 56**.

Send your stories, press releases and feature ideas to **editor@pal-media.co.uk**

HAVE YOUR VOICE HEARD

Jessica has a wide experience of planning, permitting, operations, compliance, management systems and enforcement support.

If you have any queries about planning, permitting or compliance, please contact **jessica@mpgyorks.co.uk** or **07936359662**.

MPG

GOT A QUESTION
ASK THE EXPERTS

Six near misses an hour: The hidden risk facing RCV loaders

By Gary Escott, Managing Director, SiteZone Safety

Every day, in sectors like waste and recycling, workers face hazardous situations that could - but don't - result in harm. These are what we call *near misses*. These early warning signs have been widely used in health and safety for decades. But are we capturing the full picture? Or have we been missing crucial warning signals that modern technology now makes visible?

Perhaps it's time to rethink what a near miss really is - and how we act on it.

What is a near miss?

Typically defined as an unplanned event that didn't result in injury or damage but had the potential to do so. It's a close call - a moment where things *almost* went wrong.

The well-known Safety Triangle model, from H.W. Heinrich, tells us that for every serious accident, there are hundreds of near misses. The logic is simple: if we can learn from the small things, we can prevent the big ones.

But that assumes we know they're happening - and that's where the cracks begin to show.

Mind the reporting gap

Speak to any safety professional, and you'll hear the same story: many or even most near misses go unreported. People may not realise how close they came to danger, may feel uncomfortable admitting it, or may not have the time to report it. Worse still, some near misses are completely unseen. If no one witnesses them, they're simply lost.

On paper, everything looks fine. But, in reality, it's not.

As a result, managers may be making decisions based on false confidence. A site reporting no near misses may feel safe, but if that's because near misses aren't being recorded, the risks haven't gone - we've just stopped seeing them.

Seeing what was invisible

Technology is reshaping our understanding of risk. Systems like SiteZone's RCV *Smart Loader* are exposing the real risk.

Prompted by the tragic fatality involving a loader in Coventry - although this incident did not involve them - FCC Environment wanted to get ahead of this

kind of risk, so we worked in partnership to develop RCV Smart Loader. The system is designed to prevent a full bin lift if someone is detected in the danger zone at the rear of the vehicle.

During deployments, we've seen behaviour improve by up to 90% over short periods of time. Why? Because entering the danger zone triggers a delay - loaders are forced to reload, which they quickly learn to avoid, creating positive reinforcement of safe working practices.

It does more than intervene - it records every single incident of an individual in the danger zone.

When we analysed data from eleven operators - a mix of councils and commercial operator fleets - across 6,000 operational RCV days, we found **Smart Loader intervened 177,000 times, preventing potential harm every 11 minutes**. That means a loader was in the danger zone when the bin lift initiated. That's potential for 1,000 near misses per minute across the UK's fleet of RCVs.

In *LAPV Spring 2025*, Chris Jones reported the HSE data of 500 serious injury incidents involving bin lifts in the previous 10 years. If we don't intervene with the everyday near misses, then these serious injuries will not be reduced.

Where does a near miss begin?

This raises a crucial question: at what point does a near miss become something more?

If someone steps into a clearly defined danger zone - especially when the lift could initiate automatically - shouldn't that already be considered a near miss?

We believe the near miss begins the moment someone enters that no-go zone. That's when the risk becomes real. It's not just about the machinery moving - it's about the potential for serious entanglement or being lifted with the bin. Waiting until someone is almost struck misses the point entirely. By then, it's not a near miss - it's a near tragedy [fatality].

A culture shift, powered by data

This isn't about blaming individuals. Frontline workers operate in tough environments.

We need a culture shift. One that goes beyond manual reporting and embraces

Talk to **SiteZone**, your safety partner in the waste and recycling sector for over 12 years.

0800 160 1 544

info@sitezonesafety.com

proximitywarning.com/waste

Site Zone



Used every day by 1,000s of workers, RCV bin lifts have the potential to cause serious harm

the insights technology offers. Data reveals patterns we can't afford to ignore. If the Boards and Management of operators, the Leaders of Councils and Authorities had real data, would they make better decisions and keep workers safer?

The real question?

Near misses are a valuable tool in safety management. But we now see risks that were once invisible.

If we don't use that insight - if we continue relying on partial reports and outdated definitions - then we're not protecting people as well as we could be.

At SiteZone, we're seeing what happens when data brings these hidden dangers to light.

The real question is: now that we can see more, what will we do with it?

Because when safety is driven by data, we don't just respond. *We prevent the incident from occurring.*

Fire tech trailblazers sign partnership agreement

Two cutting-edge businesses have joined forces to lead the way in game-changing technology that protects lives and business assets.

Global solutions provider Barnbrook Systems and technology trailblazer Flair have partnered to develop innovative products and take them to market.

The new partnership also unites their complementary capabilities in innovative solutions, such as Flair's nanotechnology and fire-resistant polymers for fire suppression and Barnbrook's BlueCube® remote sensing and tracking technology.

Their E:BAG is the world's first system that contains and then suppresses lithium-ion battery fires in personal electronic devices such as mobile phones and laptops, as well as in vapes, power tools, e-scooters and e-bikes.

Similar nano-technology is deployed in their larger E:CRATE containers for the waste and recycling industry. It is being trialled at TJ Waste & Recycling in Portsmouth, Hampshire.

Richard Dunn, Director of Flair, said: "The aims of Flair and Barnbrook are closely aligned. Both of our businesses believe in the power of creative technology to transform lives and businesses through innovation and a commitment to excellence.

"Our partnership means we will be able to accelerate the development of new solutions and make a greater impact in a rapidly changing world."

Andrew Barnett, Managing Director of Barnbrook Systems, said: "We are excited to partner with a like-minded business whose ambition and vision align with our own.

"Collaboration is the key to unlocking technological development that can make a difference in everyday lives, transform businesses and support economic growth.

"We are looking forward to working closely with Flair to spread the reach of our solutions across the UK, Europe and the wider world."

Flair's headquarters are in Reading, and its operational base is at Barnbrook's head office in Fareham.



It aims to revolutionise the way people interact with technology through innovative solutions that both prevent harm and protect individuals and businesses.

In addition to its E:BAG range, the firm has developed a range of wearable devices for a diverse range of users, from runners to lone workers.

Barnbrook Systems, founded in 1978, is a 45-strong business based in Fareham, Hampshire.

Its BlueCube® technology allows any asset to be remotely monitored and tracked in real-time, with results sent to devices such as phones, tablets, laptops, desktops and smartwatches for tracking, logging and manual or automated intervention.

BlueCube® been suppressed and whether it is safe to open.

The E:BAG was demonstrated earlier this year on *The One Show* on BBC1, alongside TJ Waste and Recycling, where it is currently being trialled.

It was initially launched for aviation, where lithium-ion battery fires have become an increasing hazard on passenger jets, but is also being developed for other sectors, including waste and recycling, due to the recent increase in fires at recycling facilities, refuse vehicles and household rubbish bins.

Visit www.e-flair.com and www.barnbrooksystems.com for more information.

Put away the pliers - AI vape recycling is here

New legislation banning single-use vapes from 1st June has intensified the UK vape waste crisis, as vapers seek to dispose of their disposable vapes.

Last year, 13.5 million vapes were purchased weekly, leading to over one million single-use and pod vapes being discarded or improperly recycled each day, resulting in approximately 15,600 tonnes of vape waste annually.

The lithium batteries in disposable vapes pose fire hazards and release harmful substances like lead and mercury into the environment. Despite improvements in recycling efforts, rising vape sales continue to outpace these initiatives.

However, there is hope for solving the growing problem of vape waste, thanks to an innovative machine using AI that is changing how we recycle vapes.

Before this, recycling vapes took a lot of time and money because workers had to take them apart by hand with tools like pliers. VP Recycling has introduced AI technology that automatically sorts and separates materials like plastics, metals and lithium batteries. This machine can process up to one tonne of vapes every hour, equivalent to about 28,000 vapes, compared to just 200 vapes an hour when done manually.

The fully automated AI recycling facility, which has been developed over a year, does not need human workers, which cuts down on labour costs. It uses imaging technology to identify each vape based on size and colour, creating a detailed library for quick sorting.

This AI sorting system speeds up the recycling process and improves the recovery of valuable materials from discarded vapes, which can be turned into reusable energy. For instance, the lithium collected from disposable vapes could potentially power 10,000 electric vehicles each year.

Mark Ennis, Sales Director at VP Recycling, emphasises the benefits: "Most recyclers still rely on manual disassembly, which is slow and costly. Fully automated AI recycling is 100 times faster, 50% cheaper and clean, allowing for the recovery of intact batteries for reuse or energy generation."

As regulations on vape liquid tighten and the illicit vape trade grows - now comprising nearly one-third of all vapes - the need for efficient recycling solutions has never been more urgent.



Single-use disposable vape ban from 1st June 2025



At VP Recycling we take in ALL vapes
 New out-of-date stock • Used waste • Seized stock
 • Illegal market vapes • Disposable & reusable vapes



Get in touch today, we won't be beaten on price

Tel: **01260 530038** • Mob: **07920199772** • Email: **info@vprecycling.com**
 visit **www.vprecycling.com** or scan the QR code



Landfill tax consultation - please respond!

MARCO MUIA, BSc (Hons) MSc MCIWM,
Managing Director at Oaktree
Environmental Limited.

Marco specialises in all aspects of waste planning, environmental regulation and training, including CIWM/WAMITAB COTC/OCC assessment.



ENVIRONMENTAL

The most drastic overhaul of the landfill tax regime for England and Northern Ireland has been proposed in a new consultation, which was issued on 28th April 2025, with a closing date for comments of 21st July 2025.

The consultation is big on justification but, in my opinion, lacks any real substance as to how the proposed measures will help the circular economy and asks respondents to come up with ideas. The strategy appears to be taxing highly, and the industry will find a way forward. It does not give enough time for the industry, particularly skip and waste companies, to devise a strategy to cope with the change.

I urge everyone to read it and respond to the consultation, particularly concerning soils and trommel fines. If you are wondering whether to respond, ask yourself the question: "Can I afford to dispose of fines at the full landfill tax rate?" I know the answer is no, so please make your voice heard.

What is being proposed for landfill tax and why (in summary)?

1. Transition to a **single rate** of tax by 2030 by applying an escalator to the lower rate until 2030. This clearly won't work for skip sites and will result in more fly-tipping incidents.
2. Remove the qualifying fines regime, with effect from April 2027. Fines disposed of to landfill will be standard rated. The Qualifying Materials Order will be eligible for the lower rate until the lower rate is removed in 2030. There is no decent alternative to landfill for fines disposal at the moment, other than wash plants. HMRC, could you police the fines disposal process better, rather than increasing the tax?

3. Charge tax on disposals at unauthorised waste sites at 200% of the standard rate from 2027.
4. Remove the tax exemption for material disposed of on or in quarries with a disposal permit by 2027.
5. Keep quarries with a recovery permit outside the tax (they are not a disposal activity).
6. Restrict the dredging tax exemption to exclude wastes mixed with dredgings (does not affect skip companies).
7. Remove water discounting relief by 2027. This will impact on wash plants.

There are consultation questions for each proposal and some will matter more depending on your sector within the waste industry and the potential impact on your activities. **The consultation page can be viewed by scanning the QR code here.**

The landfill tax was originally introduced to divert waste away from landfill, which it has succeeded in doing. However, as landfill inputs have reduced drastically, the tax revenues are still significant, expected by the OBR to be £0.6 billion from 2025 to 2026. Landfill will continue to reduce, but the government will not want to reduce the revenue stream.

The volume of standard-rated waste has reduced significantly, whilst the lower-rated waste has been much slower to reduce, probably because of the lack of other disposal or recovery options. We need those options to be in place, or there will be a huge increase in the stockpiling of fines and potentially illegal activity, which is happening now without



the increased rate proposed.

The margins for skip waste are tight enough, with the increased requirements for testing fines, etc. However, this change has the potential for the contents of a skip to cost more to dispose of if they cannot be recycled. For all the talk of a circular economy, we are still exporting RDF, plastics, textiles and other wastes because we do not have enough capacity in the UK.

Waste crime might cause significant harm to the environment and tax losses, but there is nothing to suggest that this consultation is anything other than a tax grab.

I can't be the only person thinking that a single tax rate at today's price of £126.15 per tonne would be a disaster, never mind a single tax rate at 2030 prices. HMRC need to work with environmental regulators to ensure that the options for further recovery are given time to show how much more waste can be recovered. It will always be the case that some fines will need to be disposed of to landfill, so why not have three tax brackets, not one, with fines sitting above the current lower rate?

Please respond as this is one of our most significant consultations in many years.



If you have any questions about this article contact Marco on **01606 558833** or e-mail him at marco@oaktree-environmental.co.uk

**GOT A QUESTION
ASK THE EXPERTS**

Enfinium to take AI technology to North Wales EfW facility



Energy from Waste (EfW) operator enfinium has implemented innovative AI visualisation technology developed by the German company Wasteer at its Parc Adfer facility in Deeside, North Wales.

This deployment follows a successful pilot at enfinium's Ferrybridge 2 facility, which began in November 2024.

The advanced AI-powered camera technology will automatically analyse

incoming waste to identify contaminants before they can cause operational issues. Additionally, the system can issue real-time alerts and record data on the waste stream. Wasteer utilises a proprietary database, along with Large Language Models (LLMs) and AI.

This automation will allow enfinium to analyse its waste streams more accurately, enhancing plant efficiency and reliability

while maximising uptime. For instance, this approach could potentially reduce plant downtime by approximately 30% and increase throughput by about 2%.

Chris Bebbington, Group Head of Asset Management at enfinium, stated: "Digital, AI, and technological enhancements are central to our asset management strategy, and we continuously seek innovative ways to improve the performance of our plants. At Ferrybridge 2, we achieved promising results during the validation phase with Wasteer, making it a logical decision to extend this technology to our other plants as soon as possible."

Benedict von Spankeren, CEO of Wasteer, added: "Our technology delivers measurable results quickly. The initial requirements for the pilot plant were minimal; we only need an internet connection and electricity on-site, and we handle everything else. Moving forward, it's crucial to learn from each other efficiently and effectively."

"We are especially pleased when we can foster trust over time, demonstrating that the use of our technology is beneficial in other plants and over extended periods."

mist-air®
leaders in dust suppression technology

Removes airborne dust and keeps floors, machinery and products dry
Manufactured, installed and serviced by Mist-Air in the UK

Over 6,000 systems have been installed worldwide over 40 years in power stations, quarries, grain handling and storage, recycling glass, paper, wood, metals, asbestos, gypsum, ash, biomass, plastics, etc.

- A single system can treat any size of building or group of buildings with independent control for each area.
- 99.9% reliable, built to last at least 30 years.
- Up to 98% airborne silica reduction.
- Low maintenance and ease of operation.

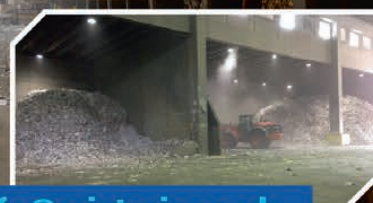
- Mist-Air is more efficient and cost-effective than LEV systems.
- Can be installed in new builds or retrofitted to any site.
- Not to be confused with wet fog cannons or rotary atomisers.

There is more to dry dust suppression than squirting water around and wetting floors and products.

Site visits and installation are available worldwide.



For site visits or more information T: **01692 828 487** E: **info@mist-air.co.uk**
Visit our website: **www.mist-air.co.uk** or scan the QR code.





Wishcycling: how ‘eco-friendly’ labels confuse shoppers and make recycling less effective

ANASTASIA VAYONA

*Postdoctoral Research Fellow in Social Science and Policy,
Faculty of Science and Technology, Bournemouth University*

Have you ever thrown something in the recycling bin, hoping it’s recyclable? Perhaps a toothpaste tube, bubble wrap, or a plastic toy labelled ‘eco-friendly’?

This common practice, known as ‘wishcycling’, might seem harmless. However, my colleagues and I have published research that shows misleading environmental claims by companies are making recycling more confusing - and less effective.

This kind of marketing leads to greenwashed consumer behaviour - when people believe they are making environmentally friendly choices, but are being misled by exaggerated or false claims about how sustainable a product is.

We surveyed 537 consumers from 102 towns across the UK to explore a simple question: is there a link between greenwashed consumer behaviour and wishcycling? We wanted to find out whether they feed into each other, what drives them both, and how consumers perceive the connection.

What makes this issue particularly interesting is its psychological foundation. We argue that modern consumers have been burdened with a responsibility that may be beyond their capacity: deciding what to do with product packaging after use.

Many people are unprepared, undereducated or simply unaware of the full effect of their choices - and why should they be? This is a burden that should not rest on their shoulders. Into this gap has stepped recycling, presented as the

Study: Lack of clarity on packaging symbols

Every day, we dispose of packaging, but do we truly understand the symbols displayed on them? A recent study conducted by Plastic Sheets Shop among over 800 British people reveals that a significant portion of the population is unaware of the meanings behind packaging symbols. The research also highlights a strong desire for clearer information.

A striking 90% of respondents admitted to knowing the meaning of only a few symbols, while 6% confessed to not understanding any at all. Fortunately, a small group (4%) reported being well-versed in these symbols, facilitating more effective waste separation.

Disposing of waste based on intuition

When uncertain about which bin to use for a particular piece of packaging, 58% rely on their intuition. Only 17% consult official waste separation guidelines, whereas 21% dispose of such packaging in the general waste bin without further consideration.

Recognition of symbols

The study asked respondents about the meanings of seven packaging symbols. On average, 82% correctly identified them. However, participants struggled most with the symbol indicating that “each piece of packaging, a financial contribution has been paid to a national packaging recovery organisation,” with only 12%

recognising it. Additionally, 14% failed to identify the glass recycling symbol. In contrast, nearly all respondents recognised the symbol meaning “you should throw it in the trash after use.”

Differences across regions and ages

Interestingly, people from London were the most likely to know what all the packaging symbols mean: 10.23% said they were certain, compared to 4.18% across the UK. Londoners were also most likely to research or look at waste separation guidelines - 21.59% compared to 17.36% across the UK. In Yorkshire and the Humber, only 5% of people indicated checking separation guidelines.



Recycling labels can be misleading

solution. Consumers are led to believe that by recycling, they are doing their part to help the environment.

However, when products carry environmental claims or symbols - even vague ones like a green leaf, green banner or 'earth-friendly' label - consumers often fall prey to what we call the 'environmental halo effect'. This cognitive bias causes people to attribute positive environmental qualities to the entire product, including how it's disposed of, even when those claims may not be accurate.

Surprisingly, our study reveals that environmentally conscious consumers can be most susceptible to this effect. Their strong environmental values may make them more inclined to trust green marketing claims, even when those claims are vague or misleading.

Driven by their desire to make sustainable choices, these consumers often accept green marketing claims at face value, assuming that environmental claims reflect genuine efforts toward sustainability.

Even more intriguingly, we found that people with higher levels of education tend to trust companies' environmental claims more readily, especially when these companies present themselves as environmentally responsible.

This all leads to more wishcycling, not less. When companies talk about their environmental ethos and social responsibility, we're more likely to believe their packaging is recyclable - even when it isn't.

Our research also suggests that younger consumers, despite being generally more environmentally aware, are more likely to wishcycle. While Millennials and Generation Z often express strong environmental values, they're also often more likely to contaminate recycling streams by throwing in non-recyclable items.

The future is circular

The solution is not to stop caring for the environment, but to channel that care more effectively. At the heart of this approach is the concept of a circular economy, where products and materials are reused, refurbished and recycled, rather than discarded.

The answer isn't just better recycling - it's better packaging design and corporate

responsibility from the start. While we, as consumers, should continue doing our part, the primary burden should rest with manufacturers to create packaging that's genuinely recyclable or reusable, not just marketed as 'eco-friendly'.

This means implementing clear, standardised labelling that leaves no room for confusion, using packaging made from single, easily recyclable materials, and designing for reuse and refill systems.

On 11th February, 2025, the EU enacted a new packaging and packaging waste directive. This is designed to reduce packaging waste and support a circular economy by setting rules for how packaging should be made, used and disposed of throughout its lifecycle.

Until these systemic changes are fully implemented, we need to be both environmentally conscious and critically aware consumers. However, it's important to remember that while our daily choices and actions matter, the key to real change lies in pushing for corporate and policy-level transformation of our packaging systems.

By designing out waste, the circular economy offers a sustainable model that can guide these changes and reduce our dependence on single-use packaging. Hopefully, this will inspire us to improve current practices and continually find better ways to do things, leading to a more sustainable and resilient future.

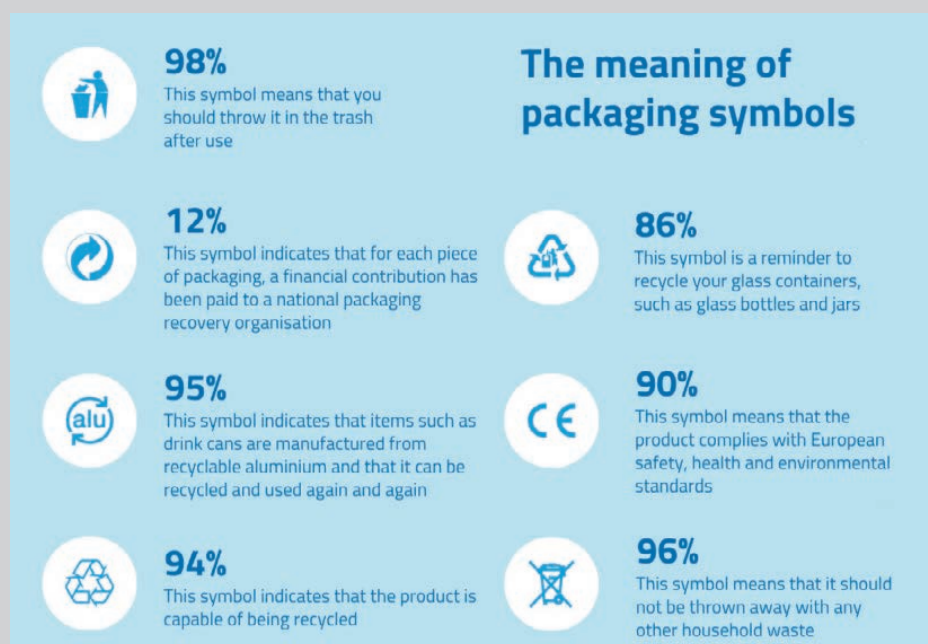
*This article first appeared at
www.theconversation.com*

When examining differences across age groups, people under 25 years old indicated that they were the most likely to know the meaning of all symbols - 9.64%, compared to only 3.37% of those 65 years old and above.

Need for clarity

The research underscores a strong demand for better explanations of packaging symbols. A substantial 69% of those surveyed believe that clearer information would make waste separation significantly easier.

Women seemed to find clarity for symbols more pressing than men - 75.95% indicated they find it very important, while only 62.66% of men shared that view.



**>> BUSINESS CLINIC
/CONSULTANTS**

AVP4Safety
Help with safety and
environmental for waste
management and
skip businesses
Transport Manager CPC
WAMITAB CertIOSH AIEMA



Email:
antoINETTEpullen@icloud.com

Gunnercooke
www.gunnercooke.com
T: 03330 143 401

Meliora HR Limited
lisa.gillespie@MelioraHR.co.uk
T: 07966 361823

Oaktree Environmental
www.oaktree-environmental.co.uk
T: 01606 558833

QSP Training Ltd
www.qsptraining.co.uk
T: 0121 565 2277



Sewern Compliance
www.sewerncompliance.co.uk
T: 07790 040075

The Mineral Planning Group Ltd
www.mpgyorks.co.uk
T: 01274 884699

Westbury Environmental
www.westburyenv.co.uk
T: 01952 879705

**>> CONCRETE
MANUFACTURERS**

Elite Precast Concrete
www.eliteprecast.co.uk
T: 01952 588885

**Nationwide Precast
Concrete Limited**
www.npclimited.co.uk
T: 01206 982255

Wotmix
www.wotmix.co.uk
T: 0161 366 0909

**>> CONTAMINATED LAND
& WASTE SOLUTIONS**

UK Remediation Ltd
www.ukremediation.co.uk
T: 0117 9244990

>> DIGITAL MARKETING

Success Local
www.successlocal.co.uk
T: 01788 288 800

>> DUST CONTROL

Dustquip
www.dustquip.co.uk
T: 01454 513000

Envirogard Hires
www.envirogard.co.uk/
T: 0161 320 8587

Inmalo
www.inmalo.co.uk
T: 01962 760055

Marsh Machinery Ltd
www.marshmachinery.co.uk
T: 01606 841925

Mist-Air
www.mist-air.co.uk/
T: 0333 251 9607

Odour and Dust Solutions
www.odourdust.com
T: 01560 480822

**Screenpod Design and
Manufacturing**
www.screenpod.co.uk
T: 028 8775 8944

>> FINANCE & INSURANCE

Asset Funder
www.assetfunder.co.uk
T: 0800 999 69 62

Close Brothers Asset Finance
www.closeassetfinance.co.uk
T: 01283 809 147

GM Insurance Brokers
www.skip-hire-insurance.co.uk
T: 01392 426 799

**>> FIRE SUPPRESSION
SYSTEMS**

Blazequel
www.blazequel.com/
T: 01234 357357

Fire Shield Systems
www.fireshieldsystemslltd.co.uk
T: 0800 975 5767

Firetrace
www.firetrace.co.uk
T: 01473 744090

Fireward
www.fireward.co.uk
T: 0800 151 0249

**>> MANUFACTURERS -
RECYCLING MACHINERY**

**Advanced Materials Processing
(AMP) Contracting**
www.ampcontracting.co.uk
T: 01786 479 190

**Anaconda Equipment
International**
www.anacondaequipment.com
T: 028 867 37878

APEX Belting Company
www.apexbelting.co.uk
T: 01284 752486

Arolco Engineering Solutions
www.arolcoengineering
solutions.com
T: 028 8167 2800

BlakerTech
www.blakertech.com
T: 01403 783634

Blue Spares
www.blue-group.com
T: 0345 1300 669

Brooks Forgings Ltd
www.brookssforgings.co.uk
T: 01384 563356

Chain and Conveyor
www.chainandconveyor.co.uk
T: 01565 830 747

CK International
www.ckinternational.co.uk
T: 028 8775 3966

Clifton Rubber
www.cliftonrubber.com
T: 01480 496161

Compact & Bale Ltd
www.compact-and-bale.com
T: 01732 852244

Craemer UK Ltd
www.craemer.com/uk/
T: 01952 607800

CRJ Services
www.crsni.com
T: 01565 723 886

CRS NI Ltd
www.crjservices.co.uk
T: 028 8076 0496

Doyle Machinery
www.doylemachinery.co.uk
T: 03330 433322

**Eco Baughan 2000 Ltd T/A
Baughans Barrel Screens**
www.baughans.co.uk
T: 01327 261810

Ecohog
www.ecohog.com
T: 028 8076 1295

Edge Innovate (NI)
www.edgeinnovate.com
T: 028 9104 2182

Eriez Magnetics Europe Ltd
www.eriez.eu
T: 029 2086 8501

Firstgrade Recycling Systems
www.first-grade.co.uk
T: 01284 828040

GreenTec Equipment Ltd
www.greentecequipment.com
T: 07552 800242

Harpscreen
www.harpscreen.com
T: 0845 2020300

IQR Systems
www.iqr.se/en
T: 07834 585 247

**JMC Recycling Systems
(McIntyre)**
www.jmcrecycling.com
T: 0115 940 9630

Kadant PAAL Limited
www.kadantpaal.com
T: 01773 520565

Kaizen Recycling
www.kaizenrecycling.co.uk
T: 01743 343400

Ken Mills Engineering Ld
www.kenmills.co.uk
T: 01706 756500

Kiverco
www.kiverco.com
T: 028 8773 8811

Mach Tech Services Ltd
www.machtechsolutions.com
T: 01706 838246

Mac Machinery
www.macmachinery.com
T: +353 87 2494908

**Macpactor Compaction
Technology**
www.macpactor.com
T: 0161 456 0102

Max Innovate
www.maxinnovate.com
T: 01676 521175

McCloskey International
www.mccloskeyinternational.com
T: 028 8774 0926

Orba Group Ltd.
www.orbagroupltd.com
T: 07452 816415

Red Knight 6
www.redknight6.co.uk
T: 01293 862 619

Red Rhino Crushers (UK)
www.redrhinocrushers.co.uk
T: 01476 590790

Riverside Machinery
www.riverside-machinery.com
T: 0800 689 9024

SB Recycling Machinery
www.sbreyclingmachinery.com
T: 07833 232 004

**Screenpod Design and
Manufacturing**
www.screenpod.co.uk
T: 028 8775 8944

SGM Magnetics UK Ltd
www.sgmagnetics.com
T: 07801 224813

Smiley Monroe
www.smileymonroe.com/
T: 028 9267 3777

Storm Environmental
www.stormenviro.co.uk
T: 01562 777100

Sure Equipment Spares
www.sureequipmentspares.com
T: 01785 282356

Tana Recycling Machinery (UK)
www.tanauk.com
T: 01302 872 431

Terex Ecotec
www.terex.com/ecotec/
T: 028 7122 3110

**Thetford International
Compactors**
www.thetford-int.co.uk
T: 01842 890500

Tunsrec Ltd
www.tunsrec.com
T: 01242 437099

Waste Equipment Supplies Ltd
www.wasteequipmentsupplies.com
T: 01254 676768

Wrights Recycling Machinery
www.wrightsltd.co.uk
T: 01943 875 104

>> MATERIAL HANDLERS

Abiljo Excavator Services
www.abiljo.ltd.uk
T: 01283 815544

Contract Plant Rental
www.contractplantrental.com
T: 01933 232663

Komatsu
www.komatsu.com
T: 0370 252 6000

Liebherr GB
www.liebherr-gb.co.uk
T: 07841 565693

PRODEM Attachements
www.prodem-attachments.com
T: 01403 787 949

Sany
www.sanyuk.com
T: 0330 2021 318

TDL Equipment
www.tdlequipment.com
T: 08444 99 44 99

>> METAL RECYCLING

Conveyortek
www.conveyortek.com
T: 02892 652 666

Ecohog
www.ecohog.com
T: 028 8076 1295

Graepel Perforators Ltd
www.graepels.co.uk/
T: 01925 295601

MetalTrack
www.iceblue.co.uk
T: 01384 563050

SB Recycling Machinery
www.sbreyclingmachinery.com
T: 07833 232 004

S. Norton Group
www.s-noton.com
T: 0151 955 3300

>> RECYCLING MACHINERY

Bollegraaf Recycling Solutions
www.bollegraaf.com
T: +31 (0)596 65 43 33

E. H. Hassell & Sons
www.hassells.com
T: 01782 644299

Global Machinery Solutions
www.globalmachinerysolutions.co.uk
T: 01476 568384

Terex GB Limited
www.terex.com
T: 028 8771 8500

Waste Handling Solutions Limited
www.waste-handling-solutions.com
T: 01454 228899

>> RECYCLING MATERIALS

AMCS UK
www.amcsgroup.com
T: 0871 284 7174

CNC Recycling Ltd
www.upvc-recycling.co.uk
T: 01642 983188

Ecoshred Ltd
www.ecoshreduk.com
T: 0800 612 9595

EGGER Timberpak (Leeds) Ltd
www.egger.com
T: 01434 602191

fibo Collect
www.fibointercon.com
T: 07460 953372

Haulaway Ltd
www.haulaway.co.uk
T: 01323 441396

New West Gypsum Recycling (UK) Limited
www.nwgyypsum.com

T: 01934 414272

Plasterboard Recycling Group Ltd
www.prg.uk.com
T: 01325 730168

Recycling PVC C/O Shred Tech
www.recyclingpvc.co.uk
T: 0161 4707731

Recycling UK Ltd
www.rukgroup.com
T: 01829 732471

Roy Hatfield Ltd
www.royhatfield.com
T: 01709 820855

SAR Metal Recycling
www.sar-metals.com
T: 01469 578650

VP Recycling Ltd.
www.vprecycling.com
T: 0203 603 8331

>> SEPARATION AND SORTING TECHNOLOGY

Bunting
www.bunting-redditch.com
T: 01527 65858

Ecohog
www.ecohog.com
T: 02880 761 295

Impact Air Systems
www.impactairsystems.com
T: 0116 2448855

Machinex Recycling Services UK
www.machinexrecycling.com
T: 01780 758521

REP-TEC
www.rep-tec.co.uk
T: 028 8776 7030

SGM Magnetics UK
www.sgmagnetics.com
T: 01926 406930

>> SKIP MANUFACTURERS

Enviroquip
www.enviroquip.co.uk
T: 0330 055 2652

Euroquip Newent Ltd
www.euroquip.net
T: 01531 820545

GJF Fabrications Ltd
www.firber.co.uk
T: 01623 688988

Global Recycling
www.globalrecycling.eu
T: 01476 568384

Glosta Engineering Limited
www.glosta-engineering.co.uk
T: 0161 725 9134

GMS Steel Fabrications
www.skipmanufacturers.co.uk
T: 01773 541372

J.Dickinson & Sons Ltd
www.jddickinson.co.uk
T: 01204 696446

MGB Engineering & Skip Manufactures Limited
T: 07793 243883

Samson Containers
www.samsoncontainers.co.uk
T: 0161 775 5635



The Skip Factory
www.theskipfactory.com
T: 01202 280446

VDL Equipment Ltd
www.vdlequipment.co.uk
T: 01325 808585

>> SOFTWARE SYSTEMS FOR WASTE MANAGEMENT

Dayjob
www.getdayjob.ai
T: 07441346343

KodaWaste
www.kodawaste.co.uk
T: 07946801971

Midsoft
www.midsoft.co.uk/skip
T: 01785 472472

Routeware
www.routeware.co.uk
T: 020 3137 9763

VWS Software Solutions
www.vwssoftware.com
T: 0151 909 2009

Waste Logics Software Limited
www.wastelogics.com
T: 0330 120 0721

>> TECHNOLOGY/ ANCILLARY

AI Paints Supplies Ltd
www.ai-paint.co.uk
T: 01270 524515

Bag & Bale Ltd
www.bagandbale.com
T: 0845 6001061

Ladybird Cranes Ltd
www.ladybirdcranehire.co.uk
T: 01527 889889

>> VEHICLE MANUFACTURERS

Boughton Engineering
www.boughtonengineering.com
T: 01902 623430

C P Davidson & Sons
www.cpdavidson.co.uk
T: 01257 224770

Dennis Eagle
www.dennis-eagle.co.uk
T: 01926 458 500

Harsh
www.harshuk.com
T: 01759 372 100

Hiab

www.hiab.com/en
T: 01827 722120

Hyva UK
www.hyva.com/en-gb/
T: 0161 7766 600

John Bradshaw
www.john-bradshaw.co.uk
T: 01780 782621

Palfinger UK
www.palfinger.co.uk
T: 01880 733513

Powertec Vehicle Engineering
www.powertecLtd.com
T: 01484 842 293

Scania (Great Britain) Limited
www.scania.com/uk
T: 01908 210210

>> VEHICLE TECHNOLOGY / ANCILLARY

BSP Hydraulics
www.bsphydraulics.co.uk
T: 01924 332491

C&C Hydraulics
www.cchdraulics.co.uk
T: 01535 617 880



Mettron Weighing Ltd
www.mettron.co.uk
T: 01782 816730

Refuse Vehicle Solutions
www.refusevehiclesolutions.co.uk
T: 01453 899131

Shurco UK
www.shurco.co.uk
T: 01634 862363

Site Showers Ltd
www.site-showers.com
T: 0800 731 5521

Skip Nets UK
www.skipnets.co.uk
T: 01697 744474

Tyre Boss
www.tyreboss.co.uk
T: 07484 303123

Vehicle Weighing Solutions
www.vwsltd.co.uk
T: 0118 946 1900

>> WASTE-TO-ENERGY SYSTEMS

AIC Group
www.aic-group.co.uk
T: 028 3752 6157



John trained at Saltcoats Burgh in the late 60s. After a decade he moved to PD Beatwaste Ltd/ Wimpey Waste Management Ltd. He then joined the Civil Engineering Dept at Strathclyde University before posts at Renfrew, Hamilton, Inverness and East Ayrshire Councils.

A Fellow of CIWM, he served on their Scottish Centre Council from 1988-2009.

He is a Fellow of the Royal Environmental Health Institute of Scotland and was their President between 1991-92.

JOHN CRAWFORD

Conference Season

The first time I ever formally presented a paper was at the CIWM Conference at Ayr in 1983. Rather than the importance of the subject matter (*'The Role of Universities in Waste Management'*), the priority of the new President, Bill Lewis from Dundee, was to have as many Scottish speakers as possible on the bill. My colleague and I were due to speak on the Thursday afternoon when the Conference resumed after the day and a half allocated for Delegates (over 230) to visit the adjacent Exhibition.

To say we were a bit apprehensive is an understatement, but as the weather had been so good, only around 100 turned up to hear us. The first Speaker was the late Brian Carter, who'd recently introduced wheeled bins at Bury and answered a mountain of questions afterwards, considerably overrunning his time slot. By the time it was our turn, there were only seventy people left, some of whom were former mates

from my private sector days. I quickly learned that it wasn't so easy gaining and retaining the attention of an audience.

Having been in further education for a decade after leaving school, I'd been on the receiving end of all sorts of lectures and presentations ranging from excellent to abysmal: one of the worst from a CIWM President who'd issued copies of his paper to delegates beforehand and then read it verbatim. The sound of 100+ pages being turned simultaneously isn't uplifting. By the time I was working for Hamilton DC, I'd gained a reputation for leaving auditoriums if the presentation was boring me.

One of the most challenging gigs I used to do was at Stirling University, where they provided delegates with a simultaneous audio version in French. It was a bit distracting to hear the translators sitting in a booth beside me going about their work.

Dick Carson was the Director at Edinburgh City Council and notorious

for never arriving on time for the start of Conference sessions. He once went down to the NEC at Birmingham and, as usual, got into the Hall after the first speaker was in full flow. When the floor was opened for questions, Dick (to much applause) stumped him for an acceptable answer to his question. Minutes later, an Official asked to see Dick's badge, then told him he was in the wrong Conference Hall.

I was once asked to speak at a Scottish Housing Seminar in Edinburgh: first turn after the coffee break on the opening morning. As many of the delegates hadn't seen each other for months, Jean (the Chair) couldn't get them to settle down before I could get going and finally handed me the microphone, saying, 'see what you can do.' So I roared, 'I was in bed with Jean last night, folks!' A hush fell over the audience with remarks such as 'what did he just say' and 'isn't Jean married?' I then revealed that my wife's name is Jean. But it got their attention!

The Skip Yard



Royston



MEDICAL - HAZARDOUS - AGRICULTURAL BY PRODUCT - MSW - RDF/SRF - BIOMASS



TAILORED WASTE ANALYSIS

We take an individual approach to meeting your needs. By conducting site specific visits and analysing your waste stream we can identify the exact equipment to match your needs from a waste content and volume standpoint.



BESPOKE DESIGN & INSTALLATION

Our experienced team then design and manufacture a product to meet your functional requirements such as site location, loading and unloading preference as well as your budget. Equipment is then dispatched to your site where it is installed and commissioned by AIC Group.



CONTINUED TECHNICAL SUPPORT

Full user training is provided to you and your staff to ensure safe operation of the equipment at maximum efficiency. AIC Group offer continued technical support and back up to you and your team throughout the lifetime of your product.

CONSULT | DESIGN | MANUFACTURE | INSTALL | MAINTAIN



- Thermal Treatment Solutions
- Waste To Energy Systems
- EcoChar Mobile BioChar Creation
- Biomass Energy Boilers
- Pollution Control Systems
- Thermal Oxidisers
- Heat Exchangers



Specialising in the design and manufacture of **Bespoke Recycling Machinery** for Waste Screening and Sorting



C&D WASTE • SKIP WASTE • WOOD WASTE • MSW • COMPOST • DRY RECYCLABLES • AGGREGATES



Designed & Made in Great Britain

01284 828040 | www.first-grade.co.uk

Firstgrade 
recycling systems



**DO YOU WANT TO PRODUCE YOUR
OWN CONCRETE PRODUCTS?**



Self-service concrete drive-thru

The ultimate self-service concrete dispensing machine! This innovative system combines a user-friendly touchscreen kiosk with a high-capacity automatic dispenser, allowing customers to self-collect fresh concrete or aggregate in just minutes.

Boost your business – This machine lets you sell fresh concrete on demand and expand your services effortlessly.

Simple & fast – Customers select their concrete type and quantity, pay instantly at the kiosk, and scan a QR code at the terminal for quick and easy collection.

100% self-service – No staff needed! The system operates independently, maximising efficiency.



CONTACT US TODAY

Scott
07825 348859
cdt@wotmix.co.uk

Produce your own concrete blocks and build your own bays

- Concrete Block Moulds
- Retaining Wall Moulds
- Barrier Moulds
- Handling Equipment
- Lifting Material



CONTACT US TODAY

Scott: 07825 348859
betonblock@wotmix.co.uk

