

environment matters

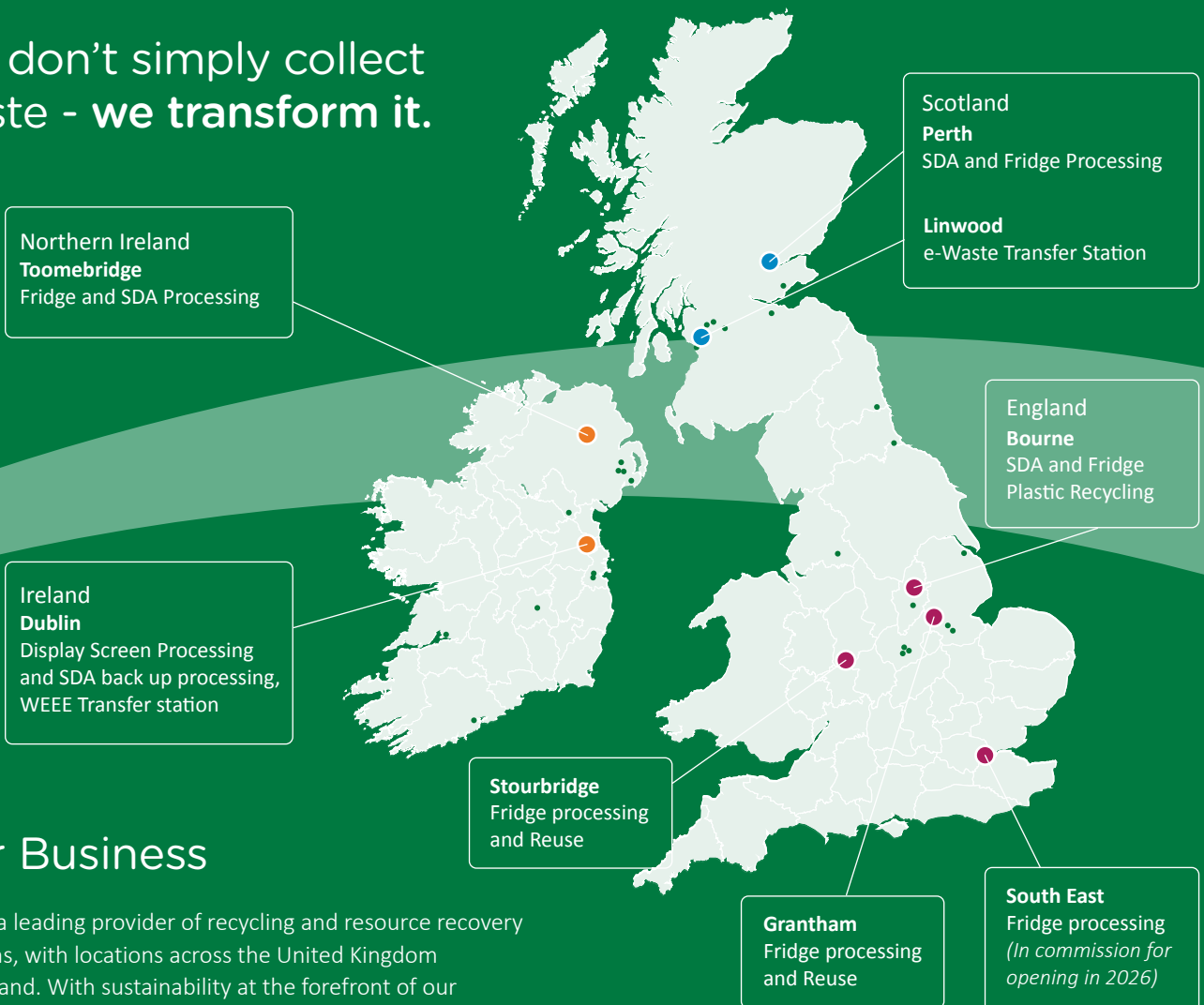
Waste Management Solutions

e-Waste and Specialist Recycling





We don't simply collect waste - **we transform it.**



Our Business

Enva is a leading provider of recycling and resource recovery solutions, with locations across the United Kingdom and Ireland. With sustainability at the forefront of our proposition, we recover a broad range of hazardous and non-hazardous waste materials for re-use in manufacturing and energy conversion. We also provide a complete portfolio of industrial, water and waste water services. At Enva we are committed to recycling and resource recovery; it forms the basis of our business strategy and our values.

We support the life cycle of waste products to provide either a second life, such as the production of energy or, in many cases, closed-loop recycling solutions. Our dedication to developing new and innovative products and solutions and extending the life cycle of the world's resources is driving our business forward.

Our Services

From one-off collections to 'total waste management' solutions, our decades of experience and dedication to our customers has seen us set new industry standards.

We operate a diverse and fully owned fleet of state-of-the-art collection vehicles, designed to ensure the safe collection and transportation of all general, specialist and hazardous waste materials across a wide range of industries and sectors.



Cooling



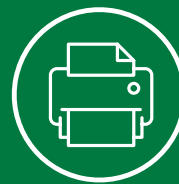
HVAC Equipment



Large Domestic Appliances



Small Domestic Appliances



IT Equipment



CRT, Monitors, LCD, LED

Partnering businesses to deliver a fully compliant and cost-effective service with recovery at its core.



Our Approach

Compliance Assured

AATF registered and WEELABEX accredited facilities. Our online platform has been designed to meet waste transfer note and other legal compliance documentation storage requirements. The portal delivers full transparency for customers and makes duty of care, HWCN, movement, weight confirmations and end destinations available with easy access.

Dedicated Customer Service

At Enva, we seek to understand, share learnings and improve how our customers waste resource is managed, and this is backed by continuous investment in technology, innovation and a dedicated team of experts. Whether a major retailer, FM company, local authority, hospital, corporation or SME, Enva provides a complete e-waste solution. Safety, compliance and cost control are paramount. Our friendly, knowledgeable and experienced customer service team are here to help.

Reporting and Account Management

We provide direct access to customer reports, providing the management information needed to review current recycling % rates and waste movements. This information, combined with the knowledge of our team of experienced account managers, ensures waste is managed as a resource to bring our customers commercial and environmental benefits.



We reuse and recycle all types of e-waste, also known as WEEE (Waste Electrical and Electronic Equipment) including:

- LDA (large domestic appliances)
- SDA (small domestic appliances)
- Refrigerators: domestic and commercial
- CRT (Cathode Ray Tube) and Flat panel televisions
- IT Equipment, phones, tablets, printers, etc.
- Mixed small WEEE
- Commercial catering equipment

Investing in technology to give e-waste products and components second lives.



Exploration



Mining



Processing



Raw Materials



Design



Production



Use / Reuse



Collection



Recycling

Enva is committed to a future that closes the loop when it comes to e-waste. We reuse and recycle waste electrical and electronic items, transforming them into reusable products or manufacturing materials, managing e-waste in a sustainable way.

Repair and Refurbish:

We offer extensive repair services and sell refurbished tech, ensuring that products have a longer life and electronic waste is reduced.

Investment in Technology:

We invest in new, advanced technology to enhance the recovery of critical raw materials from e-Waste, creating environmental and commercial value for our customers.

Circular Partnerships:

We aim to collaborate with industry leaders and product developers to drive systemic change towards a circular economy and improve waste-to-product outcomes.

Landfill Diversion:

We strive to divert 100% of the waste destined for landfill into reuse and recycling, preventing toxins leaking into the earth over time.

Investing in the latest degassing, shredding, and recycling technologies, ensuring that **over 98% of the fridge components are recovered for further processing, supporting a resource-efficient and circular economy.**

£1m Investment in Gas Energy Recovery Incinerator (GERI).

Safety, circularity and sustainability are core guiding principles.



Refrigerant Gas Recovery

GERI (Gas Energy Recovery Incinerator) is a £1m investment and the most modern plant of its kind in the UK, designed and built by UK manufacturer AIC Group. This investment is driven by a legal requirement for fridge plants to collect all refrigerant gases and ensure these gases are compliantly destroyed by high-temperature incineration. Due to limited availability across the country for incineration, priority was given to finding an in-house solution, leading to the commissioning of GERI.

How GERI Works

The secondary chamber reaches 1,200 degrees, destroying the hazardous compounds found within these gases. The hot gases pass through a heat exchanger and then through an autonomous computer-controlled pollution control system, emitting only water-laden warm air out of the stack.

More and more waste streams require high-temperature incineration due to the awareness that persistent pollutants

never go away and continue to pollute future generations. While it may seem counterintuitive to incinerate, environmentally, it is the best solution.

We don't just collect waste. We transform it.

We are committed to circularity and sustainability, focusing on improving material separation and treatment technologies to enhance waste-to-product outcomes.

By investing in advanced technology and high-quality engineers, we aim to maximise material recovery. We are moving beyond traditional e-waste shredding and magnetic separation, incorporating optical sortation technology to separate plastic by colour and air-jet ejection of valuable commodities like PCBs. Additionally, we are exploring chemical engineering solutions to enhance the circular recovery of materials such as PU foam.



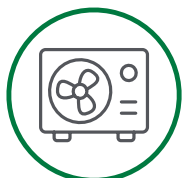
Engineering excellence
and circular partnerships
that give e-Waste products
and components second
lives.



Cooling

Domestic/ Ammonia/ Commercial/
Vending/ Water coolers

Graded for refurbishment, any unsuitable units are processed through our dedicated fridge recycling plants. These complex plants ensure any harmful refrigerants and blowing agents are collected under controlled conditions. Once processed, fridge components become clean streams of plastic and metal ready for onward processing into new products.



HVAC Equipment

Chiller Units/ Heat Pumps/ Commercial
HVAC equipment

Enva offer a one-stop solution to recycle end-of-life air conditioning units, from mobile to rooftop chillers, providing a competitively priced, national collection and recycling service for any number or size of units from site, depot, or manufacture.



Large Domestic Appliances

Washing Machines/ Dryers/ Cookers/
Dishwashers

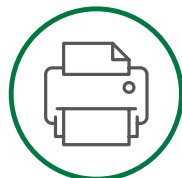
Graded for refurbishment, any unsuitable units are harvested for spare parts and broken down into constituent components for re-manufacture. Our white goods re-use goes mainly to UK charities for sale in their retail stores.



Small Domestic Appliances

Hairdryers/ Kettles/ Toasters/ Hair
Straighteners

Processed through a dedicated SDA line with sophisticated separation technologies that ensure the majority of streams derived from the SDA can be used in re-manufacturing processes.



IT equipment

Laptops/ Mobiles/ Peripherals/ Cables

Graded for refurbishment with unsuitable items being sent for processing to redeem the precious metals and components for use in re-manufacture.



CRT, Monitors, LCD, LED

Screens

Enva has on site facilities for processing all types of televisions that are beyond economic repair with a dedicated line to separate the two glass streams found in CRTs along with specialist processes for LCD and monitors.



Transport

Our service includes a dedicated fleet of vehicles, ranging from 3.5t to artic, ensuring the safe collection and transportation of e-waste across various industries and sectors. Enva offers both nationwide scheduled and ad hoc collection services. Additionally, we accept deliveries at our sites, with our Grantham site providing 24/7 access for customer deliveries.

**Enva is one of the largest
fridge and small domestic
appliances (SDA) recyclers
in the UK and Ireland.**



**50,000
to
60,000**
items processed
a year for reuse
and repair



**75,000
tonnes**
of fridge recycling
capacity
1.7m fridges
processed per year



**30,000
tonnes**
of small domestic
appliances, such as kettles,
toasters, vacuum cleaners,
and coffee machines **across**
the e-waste businesses
processed annually



Does it have a plug or a charger?

Our first priority is to identify reuse items that are fit for purpose. Our team of highly trained engineers repair, PAT test and approve products for re-distribution into the UK and European market only, to ensure compliance within WEEE regulations once they become unusable.

We aim to provide goods of the very highest quality at an affordable price. Each item is deep cleaned, issued with a warranty guarantee and fully tracked by bar code from unloading to final resale.

Appliances unsuitable for reuse are harvested for key components to be used in other reuse appliances. Any remaining components are converted into raw materials for use in the manufacturing and construction industries.

Repairing a washing machine uses significantly less energy than manufacturing a new one.

Our business



39 facilities



2000 employees



£384m turnover

For further information please contact
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enva.com