

PROTECTING THE ENVIRONMENT FOR FUTURE GENERATIONS

# ELECTRICAL WASTE PROCESSING & LOGISTICS



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**I have been extremely impressed with GAP Group from the initial phone call, all the way through to receiving the certificate of destruction.**

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ROB - SHURE



# ABOUT GAP

Gap Group NE is one of Europe's leading electrical waste resource management companies.

With the opening of GAP Alba, we will become the UK's largest independent cooling equipment and waste electrical and electronic equipment (WEEE) processing company.

Capable of processing all types of domestic and commercial cooling equipment, water coolers, air conditioning units, insulation panels, heat pump dryers and all kinds of small and large electrical waste.

To date, we have recycled over 2 million units of fridges and cooling equipment. This equates to over 340,000 tonnes of CO<sub>2</sub>.





# THE VISION

To be leaders in WEEE waste resources management.

To continue to revolutionise and be a role model in best practice, consistent with safeguarding the health and welfare of future generations and our planet.

We operate our facilities and serve our customers by exceeding expectations in delivering bespoke solutions in a manner that protects the environment.

We are proud to work with customers who share our values and are interested in the long term, the bigger picture, and a brighter future for the planet.

# THE MISSION

To protect the environment for future generations and to make technological advances within waste and resources management.

Our mission is to achieve and sustain our place as the UK's leading, most innovative, and full circular solution-based WEEE processing and resource recovery organisation.

We are proud of our heritage, confident of the present, and excited about the future. Our continuing successes will benefit communities across the world by reducing waste and protecting the environment.





# SHARED VALUES

Every person within GAP Group NE actively recognises the role that our business plays in society and the world we all live in.

Initiating innovative ways to improve how waste is recycled, will benefit our clients, our community locally, nationally, and internationally.

We will be role models and reinvest our skills, resources, and vision by actively participating in the communities in which we live and work. We are proud to have a business built on customer loyalty and are united in going above and beyond.

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**Striving towards our mission every single day, is a responsibility we all share.**

PETER MOODY  
CEO GAP GROUP NE





# QUALITY ASSURANCE

We are committed to continually improving and developing quality systems and innovations.

We deliver consistently high standards of service to all customers and partners. We are committed to using the Best Available Treatment (BATRRT) processes and maintaining our ISO accreditations, we continue to monitor performance against KPI's and seek to improve the performance and exceeding our customers' expectations.





# PROTECTING THE ENVIRONMENT

Being an established and Approved Authorised Treatment Facility (AATF) and licenced waste carrier, we are committed to the protection of the environment through our activities as well as our customers and the entire supply chain.

An acute awareness of the environmental impact of waste is carried by all GAP Group NE employees and drives all business activities.

All activity within the business is continually managed so that any detrimental environmental aspects are minimised by operational controls and, where possible, beneficial environmental measures are introduced.

**GAP Group have full Environment Agency permitted installations.**



# COMMERCIAL WASTE

We work in close partnership with several national Waste Management Companies enabling us to provide processing of materials that are not WEEE.

Offering a complete package to all business waste management requirements, we work with a wide range of commercial waste streams to deliver tailored, compliant, and cost-effective solutions.

Through partnerships with other operators, we can handle all types of wastes. For small business or large-scale operations, our expert team ensures safe collection, processing, and disposal – helping businesses meet environmental obligations while maintaining operational efficiency.





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**GAP Group have provided a very professional, compliant service.**

GRAEME MILNE - *REPIC*



# LEADERS IN ELECTRICAL WASTE PROCESSING

GAP Group NE is one of the most comprehensive WEEE processors in the UK marketplace.

We have a cooling equipment processing plant in Gateshead that can process 24,000 tonnes of material per annum, and we are opening in 2025 a similar plant in Scotland near Perth. We will have the capacity to process over 40% of the UK's waste cooling equipment and will be able to process insulation panels and prevent them from being incinerated or landfilled, thereby protecting the environment.

Our Small Mixed WEEE (SMW) processing plant employs state-of-the-art technology to process WEEE, allowing the removal of batteries, ferrous and non-ferrous metals and leaving a mixed plastics fraction. We can process up to 50,000 tonnes of SMW per year with the best available technology. To date we have recycled over 91,000 tonnes of small electrical equipment, the equivalent to over 5 million tree seedlings grown over 10 years.

GAP Group NE continue to review facility improvements and technologies that will increase the utilisation of their plant capacity and enable us to build the best quality bespoke solutions. This is complemented by a transparent audit trail that provides peace of mind and reassurance of the legal and environmental impact on choosing GAP Group NE for electrical waste processing.

## WASTE VAPES

We make vape recycling simple and efficient with our professional collection service and purpose-designed containers.

Our team supply a range of secure tubs and compact tubes ideal for internal collection and storage. We also can supply durable barrels from 30 litres to 120 litres capacity for bulking and external storage before collection.

Our nationwide service includes regular pickups, full traceability, and processing at our facility where we can process 500,000 vapes per week. All materials are recycled except for nicotine liquids, nicotine tanks and reservoirs. These are sent for high temperature incineration at an approved installation.

We work with compliance schemes, small and large retailers, enforcement agencies such as Trading Standards and the Office for Product Safety and Standards.



## WEEE BOXES

We provide affordable, sustainable and convenient storage for electrical waste.

Our WEEE Boxes store electrical waste such as printers, laptops, fax machines, computers, kettles, and more.

The prices include delivery, collection, recycling, and your paperwork charge. Different sizes are available to suit all needs. It couldn't be easier!

### Suitable for:

**WEEE: Electrical Waste**

**SMW: Small Mixed Electrical Waste**

**LDA: Large Domestic Appliances**

**Display Recycling**

**Lamps & Batteries**





# FRIDGES & COOLING APPLIANCES

In 2019 GAP commissioned a new fridge processing plant in Gateshead and we collect and process 700,000 domestic and commercial fridges every year.

The plant has processes domestic fridge freezers, water coolers, commercial fridges, ammonia units, heat pump dryers and air conditioning units. In May 2025, GAP Alba will be operational and increase our capacity by 100% and allow the processing of the same materials in Scotland. This extra capacity will also allow us to process insulation panels from construction and demolition waste.

Our plant in Gateshead has been awarded WEEELABEX accreditation – the European standard for excellence in WEEE treatment. GAP Group NE offers a closed-loop, fully traceable service you can depend on. The new GAP Alba plant will go through the same WEEELABEX approval process.



## MATERIAL RECOVERY

Along with hazardous gases and glass, additional materials are also recovered when recycling cooling equipment.

We go beyond the basics of recycling and our advanced processing technology ensures the safe removal of harmful gases and insulation foam, while also recovering valuable materials such as copper, aluminium, steel, plastics, and circuit boards.

These materials are then reintroduced into the manufacturing cycle, significantly reducing the need for virgin resources, helping to conserve energy, lower emissions, and support a circular economy.



PU FOAM



PLASTIC SHRED



FERROUS METAL



ALUMINIUM/COPPER

A large, vibrant image of food waste, including red and yellow bell peppers, green cabbages, and other vegetables, piled in a green bin. The image is positioned on the left side of the slide, with a diagonal cutout effect.

# FOOD WASTE COLLECTION & PROCESSING

Food waste collected by GAP Organics is processed by local renewable energy facilities.

For business and commercial organisations that produce or generate food waste and cooking oil, GAP Organics provides a collection and processing service that is hassle free and fully compliant. Diverting waste from landfill creates renewable biogas and fertiliser for local farming activities.

With changes in legislation requiring local authorities to provide domestic food waste collections GAP Organics is ideally placed to serve the North East with capacity to take this material and support the local environment and reduce carbon miles.

**Recycling a single tonne of food waste,  
we can help avoid emissions of up to  
1 tonne of carbon dioxide equivalent.**



# GAP ALBA

A Beacon of Innovation in Scotland. Located at the Binn Eco Farm in Perthshire, Scotland.

Our state-of-the-art recycling facility can annually recycle over 23,000 tonnes of cooling equipment and insulation panels. This equates up to 650,000 fridges which significantly reduces the environmental and financial cost of transporting WEEE out of Scotland.

Powered by renewable wind energy and designed with site-wide carbon reduction in mind, the facility stands among the most environmentally friendly plant of its kind worldwide.







## EXPERTS IN HAULAGE

With over 50 modern vehicles, the GAP Haulage fleet provides a quick and efficient nationwide service and goes the extra mile.

Embracing technology and tracking the fleet using modern telematics software for precise reporting and visibility of goods makes GAP Haulage cost effective and efficient.

We use fully integrated traffic and driver management software that allows our Haulage team to monitor traffic planning, client services (allowing cloud-based load bookings), POD control (cloud-based retrieval), vehicle tracking, on board CCTV, invoicing and back office support of the highest calibre. Comprehensive trailer stock includes super-efficient high cubes (with 20% more capacity) and is complemented with a modern liveried fleet and fully trained uniformed drivers.

**Bulk Haulage**  
**Waste Haulage**  
**General Haulage**  
**Contract Haulage**



## GAP RENEW

To help move material up the waste hierarchy, we have developed a standalone business called GAP Renew Limited, trading as Renew2U.

For appliances such as fridges, white goods and small electrical appliances, we prioritise material reuse.

Renew2U is a B2C company that sells directly to the public and offers nationwide home deliveries and old item collection services. All products are checked that they meet our exacting standards and sold with a 12-month guarantee.

All available products can be viewed on [www.renew2u.co.uk](http://www.renew2u.co.uk) and can carry as much as 60% discount in comparison to the list price of the manufacturer.

**Renew2U<sup>®</sup>.co.uk**



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**Turnaround times  
for our full trailers  
are second to  
none and the  
pricing keeps us  
competitive too.**

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MAX KYCK  
KMK METALS RECYCLING



## METALS RECOVERY

GAP Group NE is part of a partnership with Descycle Limited to build a plant with the capacity to recycle 5,000 tonnes per year of printed circuit boards and other high value WEEE.

On the back of the successful pilot plant the new plant will use a process based on a class of chemistry invented at the University of Leicester known as deep eutectic solvents. These can dissolve the target metals in solution without the need for toxic chemicals or high temperatures, allowing for simple metal recovery methods.

The Descycle model will revolutionise the processing of printed circuit boards and other high value metals recovery by simplifying the supply chain, reducing the time from collection to payment by up to four months and retaining these valuable resources in the UK.

DESCYCLE



# GAP POLYMERS

Our aim is to always produce products and to add value to materials before they leave our sites.

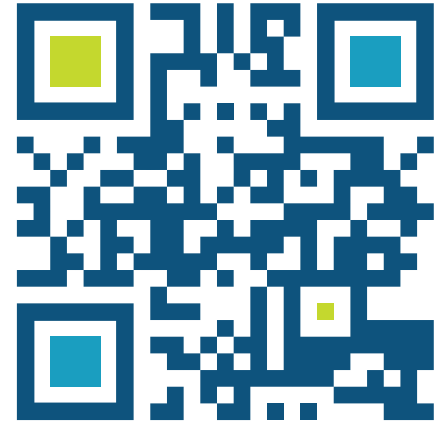
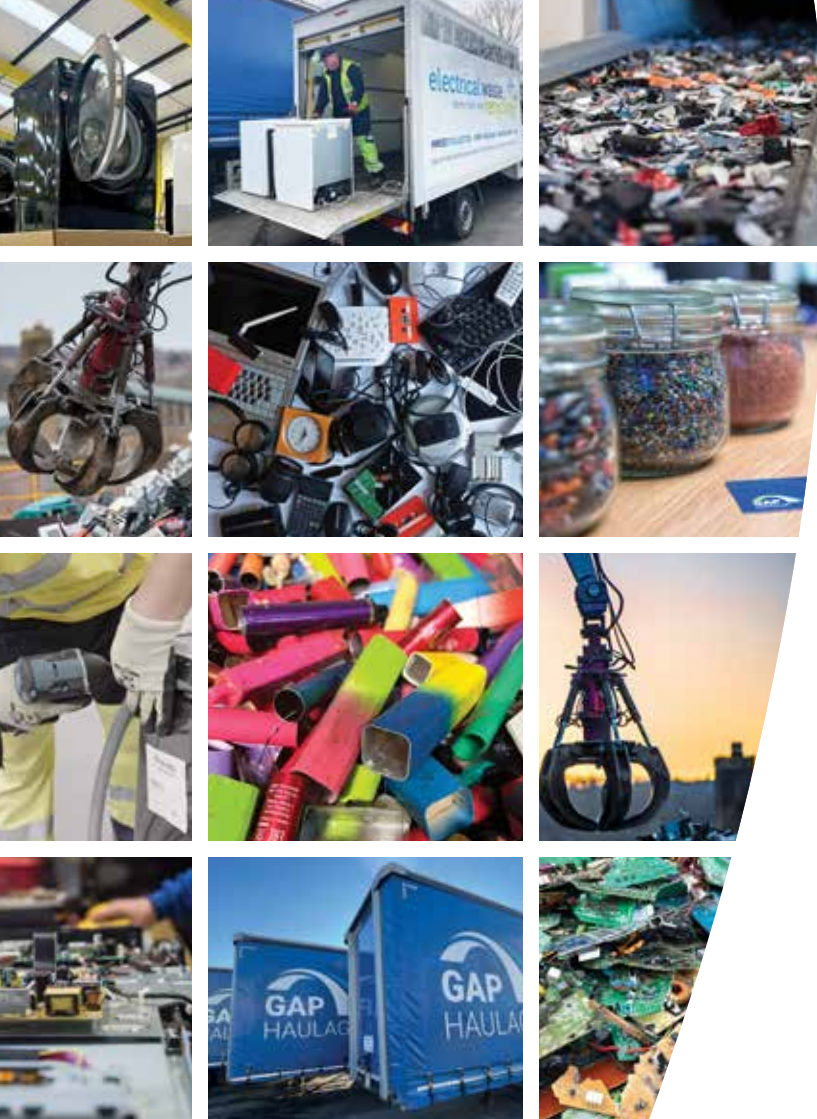
In 2023, we invested over £5m in a state-of-the-art polymer washing and separation plant that allows us to make a product of all the plastics from our on-site shredding of cooling equipment and small mixed WEEE.

The process allows us to remove POPs plastics (plastics containing banned fire-retardant chemicals) from the material to enable us to then send this to high temperature incineration to protect the environment and remove these banned substances from the supply chain. We also accept polymers from other operators and work with customers to process their rigid plastic wastes to produce output materials that can be reused in new items.

## POP Removal Washing & Separation On-Site Shredding







[www.gapgroupuk.com](http://www.gapgroupuk.com)



**E-WASTE**



**ORGANICS**



**HAULAGE**

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Protecting The Environment For Future Generations