



Services for the

RENEWABLE ENERGY SECTOR

- + **Treatment of Residues**
APCr, Fly Ash, hazardous IBA and other residues
- + **Specialist Industrial Services** during planned and unplanned maintenance periods



CELEBRATING
20 YEARS
OF AUGEAN

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www.augean.co.uk

WHO WE ARE

AUGEAN IS LEADING THE WAY THROUGH COMPLIANCE DRIVEN SERVICES AND FACILITIES FOR THE UK'S RENEWABLE ENERGY SECTOR

GROUP PROFILE

Augean specialises in managing hard to handle wastes.

We have UK waste treatment and disposal infrastructure, and we focus on delivering best environmental outcomes.

We service the Renewable Energy, Infrastructure and Construction, Nuclear and Radioactive, Processing and Manufacturing, and the Oil and Gas sectors.

We are a UK market leader in the treatment of Air Pollution Control residues (APCr), Fly Ash, hazardous Incinerator Bottom Ash (IBA) and other residues, as well as logistics.

We are also experts in specialist industrial services, deploying teams of highly skilled operatives to all areas of the UK providing industrial cleaning, decommissioning and decontamination.

We are the only UK operator with the resources to undertake specialist industrial services for the EfW and Biomass sector, as well as using its own infrastructure to treat the residues arising.

OUR VISION

- + DEFINING THE FUTURE OF **MANAGING HARD TO HANDLE WASTES**, DRIVEN BY AN UNRIVALLED **PASSION AND EXPERTISE** IN OUR PEOPLE
- + CONTINUING TO DELIVER THE **HIGHEST LEVEL OF SERVICE** TO OUR CUSTOMERS WHILST RESPECTING THE BEST STANDARDS OF **HEALTH, SAFETY AND COMPLIANCE**
- + THROUGH KEEN RE-INVESTMENT, **INNOVATION AND SUSTAINABLE VALUES**, WE WILL CONTINUE TO BE THE BEST IN THE SECTOR
- + EARNING **TRUST** AND CREATING **POSITIVE LEGACY** FOR ALL OUR STAKEHOLDERS IS AT OUR HEART



KEY FIGURES

2004

Incorporated

600

Employees (circa)

£140m

Total revenue (circa)

23 sites

Across the UK

OUR COMMITMENT

COMPLIANCE

We ensure that our waste solutions are sustainable by monitoring forthcoming changes in regulation and legislation so that compliance objectives are understood, communicated to our operational teams and customers, and new protocols are implemented as necessary ahead of regulatory deadlines.



HEALTH & SAFETY

Safety is consistently at the forefront of how we operate our business. We operate under a fully Integrated Management System, which is accredited to ISO 9001, ISO 14001 & ISO 45001 standards.



WASTE MANAGEMENT

All wastes are managed with due regard to the waste hierarchy. We specialise in the development of innovative solutions for the UK's more hard to handle wastes, backed-up by specialist industrial services and decommissioning capability for a complete end-to-end service.



EXPERIENCED STAFF

Our knowledge and experience set us apart from our competitors. We pride ourselves on having the most experienced and capable teams who service our customers whilst drawing from decades of experience. Together, with our wide-ranging service offering, we can be confident that we will deliver the best quality of service.



CARBON FOOTPRINT AND ENVIRONMENTAL IMPACT

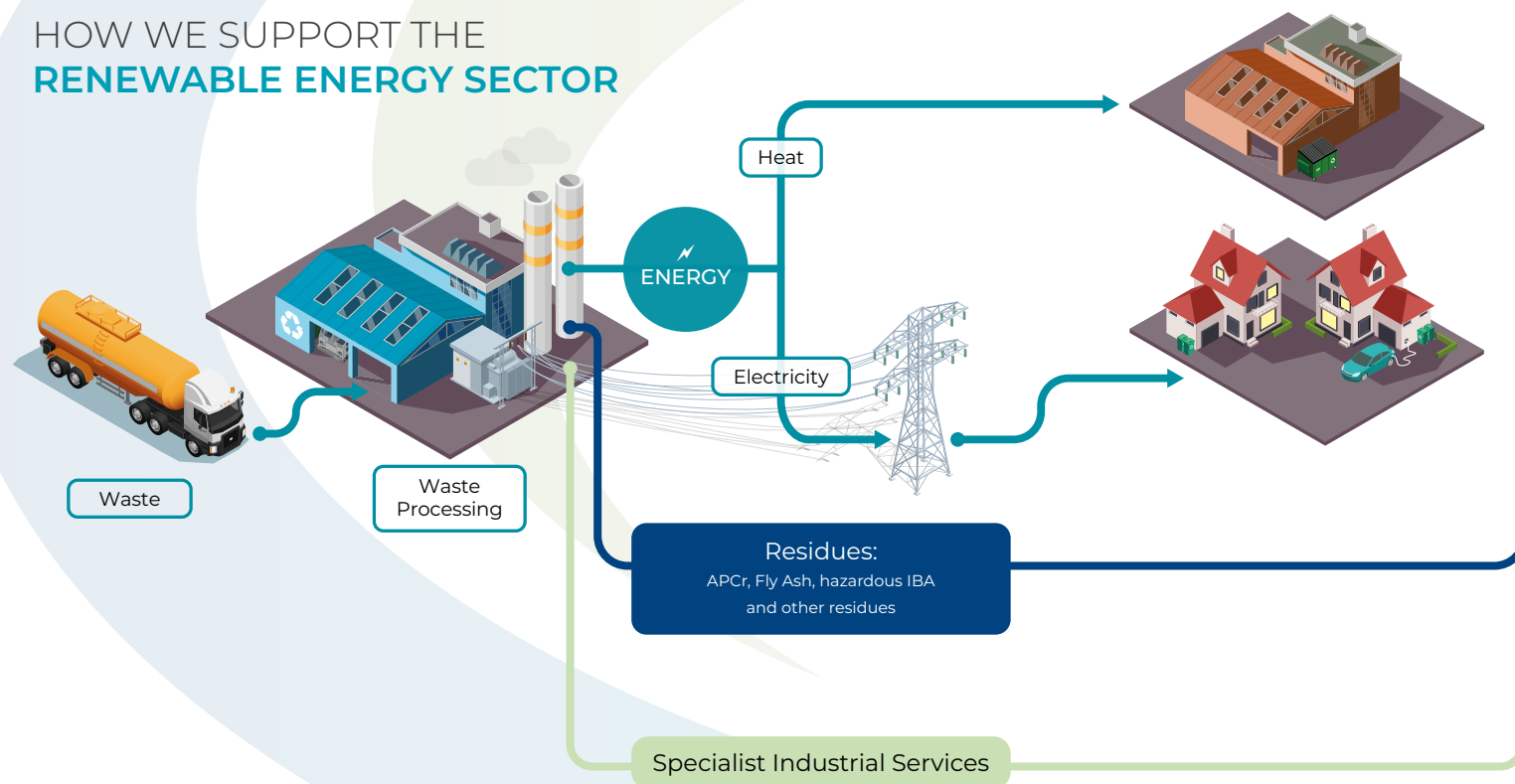
Our range of eco-friendly solutions contribute to reducing the carbon footprint and environmental impact for ourselves and our customers. Our certification to ISO 14001 demonstrates our commitment for achieving legal and regulatory compliance to regulators and government. We focus on delivering best environmental outcomes.



OUR SERVICES FOR THE RENEWABLE ENERGY SECTOR

WE ARE THE **ONLY UK OPERATOR** TO PROVIDE **TREATMENT** OF APCr, FLY ASH, HAZARDOUS IBA AND OTHER RESIDUES AS WELL AS **SPECIALIST INDUSTRIAL SERVICES** FOR THE **RENEWABLE ENERGY SECTOR**

HOW WE SUPPORT THE RENEWABLE ENERGY SECTOR



Augean is a trusted partner in the Renewable Energy sector, **treating** more **APCr, Fly Ash, hazardous IBA** and other residues than any other operator in the UK.



Nationwide **specialist outage cleaning and support services** throughout the Renewable Energy sector.

We deploy teams of skilled operatives to all areas of the UK to deliver **industrial cleaning, decommissioning and decontamination services**.

WASTE TREATMENT

THE QUALITY OF OUR
INFRASTRUCTURE, AND THE
RANGE AND QUANTITIES OF
WASTES WE TREAT UNDER OUR
ENVIRONMENTAL PERMITS, ARE
VALUED BY OUR CUSTOMERS

WE OFFER FLEXIBLE AND COMPLETE SOLUTIONS

As market leaders in the recovery, treatment and disposal of APCr, Fly Ash, hazardous IBA and other residues, we have decades of technical, commercial and operational experience and expertise.

We can offer carbon benefits by combining our industry-leading logistics expertise with our range of safe and compliant options for the recovery and disposal of APCr, Fly Ash, hazardous IBA and other residues. We are the only UK company to offer the Renewable Energy sector the efficiency of a complete solution.

APCr KEY FACTS

In 2022, **574,000 tonnes of APCr** was generated in the UK with over **80% from 60 Residual Waste EfWs**

APCr is generated by **EfWs, Biomass and Clinical Waste plants**, as well as Hazardous Waste High Temperature Incinerators. **The vast majority of APCr is lime-based**, as opposed to sodium bicarbonate-based

By 2028 annual APCr tonnages are projected to rise to **around 770,000 tonnes**

OUR EfW EXPERTISE

- + We have decades of experience and expertise in the collection and treatment of APCr, Fly Ash, hazardous IBA and other residues
- + We handle a wide APCr specification and out-of-specification materials
- + We accept residues loose and bagged
- + We offer solutions for other residues that Renewable Energy Plants produce, due to our wide range of environmental permits
- + We focus on maximising the recovery opportunities from renewable energy waste streams

OUR STRENGTHS

- + UK market leader
- + APCr logistics
- + APCr treatment processes
- + Hazardous IBA logistics, treatment and disposal
- + Wide waste acceptance specification
- + UKAS accredited laboratory

WHY CHOOSE US?

- + Our permitted and operational capability and capacity
- + Our proven track record and certainty of service delivery
- + We are accommodating, flexible and reliable
- + We are proactive and responsive
- + Our strong supply chain relationships for collections and haulage
- + Our ability to provide in-house contingency sites for our customers
- + Excellent customer experience

WHY IS APCr HAZARDOUS?

Can be an irritant or corrosive:
High pH > 11.5

Can be ecotoxic:
High metals content such as zinc, copper and lead

"Absolute Hazardous Entry" in the European Waste Catalogue:
Typically for EfWs, EWC code 19 01 07* "solid wastes from gas treatment"



SPECIALIST INDUSTRIAL SERVICES

WE PROVIDE VITAL SUPPORT TO THE RENEWABLE ENERGY SECTOR WITH THE UK'S LARGEST FLEET OF HIGH AIR FLOW VACUUMATION TRUCKS



WHY CHOOSE US?

- + We are the only UK company to offer a complete solution
- + We improve safety, quality and value through innovative services
- + We are uniquely placed to offer nationwide specialist outage cleaning and support services
- + Our highly skilled teams can access hard-to-reach plant areas and clean them thoroughly using vacuum removal, pressure washing, air lancing, or manual techniques
- + Our teams are trained in confined-space entry to safely access boilers and plant areas
- + We have the UK's largest fleet of high air flow vacuumation trucks, providing vital support to customers through availability and supply

OUR STRENGTHS

- + The experience and expertise of our Specialist Industrial Service teams plus our range of plant and equipment
- + Industry leading innovation
- + Renewable energy plant cleaning services
- + In-house support services
- + Prioritising safety and compliance while delivering operational excellence



ENERGY PLANT CLEANING SERVICES

- + Inspection work
- + Process plant clean downs
- + Blockage clearing
- + Air pre-heaters
- + Baghouses
- + Fans
- + Gasifiers
- + Boilers
- + Ash dischargers
- + Conveyors
- + Hoppers
- + Grates
- + Gas passes
- + Lab loop

APCr LOGISTICS

- + ADR and non-ADR tankers
- + Non-tipping bottom discharge tankers at 71m³ capacity
- + Maximise volume for APCr reducing vehicle movements for some materials by up to 1 in every 8 loads

IN-HOUSE SUPPORT SERVICES

- + Internal and external scaffolding
- + High air flow vacuumation trucks
- + Walkways
- + Confined space entry
- + Working at height
- + Breathing Apparatus (BA) rescue teams
- + High level cleaning

ESG

AUGEAN IS COMMITTED TO MEETING ITS ENVIRONMENTAL, SOCIAL AND GOVERNANCE (ESG) OBLIGATIONS

Since the company's inception, Augean has followed best practices in environmental stewardship, social responsibility, and corporate governance as well as the continuous development of ESG standards, which is an integral part of the company's growth.

Our company values, policies and management systems reflect this. Since 2005, we have produced an annual Corporate Sustainability Report (CSR), in which our ethos and operating practices are explained and our performance against selected criteria is disclosed.

ENVIRONMENTAL criteria consider how a company performs as a steward of nature, and Augean recognises the important role it plays in the environment and communities within which it operates.

SOCIAL criteria examine how we manage relationships with employees, suppliers, customers and the communities where we operate. The health, safety and wellbeing of our employees, compliance with regulations and acting as a good neighbour by minimising the impact of our operations on the wider community, are continuing business priorities.

GOVERNANCE deals with a company's leadership, pay, audits, internal controls and shareholder rights. Maintaining the highest standards of governance is integral to the effective delivery of our strategy. It ensures that the Board take decisions that create sustainable long-term value for the mutual benefit of our customers, the communities we serve, our employees and shareholders.



OUR TESTIMONIALS

We have worked with Karen and her team for a number of years now. They are **very professional** and **very efficient** at dealing with any queries. Weekly updates are provided and they work closely with the onsite team to provide an **excellent APCr removal service** via tankers. They also provide bagged APCr removal and filter bag disposal for us.

- Compliance & Performance Manager,
EfW Facility

We have partnered with Augean in the collection, treatment and disposal of APCr since 2015. Every year, Augean manages over **45,000 tonnes** of our APCr from **six energy-from-waste facilities**, including collection, haulage, treatment and disposal services, whilst delivering a **high level of customer service**.

- Category Manager, Energy Sector

Great work by your team again this week. The whole week went swimmingly due to their **strong supervision and hard work**.

Hugely appreciated.
- Site Manager

We have been working in partnership with Augean for **more than 5 years** in treating and disposing of Air Pollution Control Residues (APCr) from our Energy from Waste Plant. The APCr is delivered to ENRMF where it is treated through a stabilisation process and disposed of in their licensed facilities.

We have found Augean to provide a good line of **communication** and **engage regularly** with us as to provide appropriate **solutions** tailored to our needs.

- Assistant Manager,
Waste Exports and Recycling

The guys I have met know what they are talking about, and they are **experts in their field**.

- Site Facilities Manager

Thanks to the team for the **response** today. Great to have the **support** when needed. Lee's response to getting stuck in and working continuously was **above and beyond**.

- Shift Manager

THE SECTORS WE SERVICE



Renewable Energy



Infrastructure & Construction



Nuclear & Radioactive



Processing & Manufacturing



Oil & Gas



OUR MEMBERSHIPS & CERTIFICATIONS



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