



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



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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 is a leading company specialising in the management of hard to handle waste streams.

Our robust waste treatment and disposal infrastructure allows us to prioritise optimal environmental outcomes across various sectors, including Renewable Energy, Infrastructure and Construction, Nuclear and Radioactive materials, Processing and Manufacturing, and Oil and Gas.

We excel in the treatment of specialised waste types such as Air Pollution Control residues (APCr), Fly Ash, hazardous Incinerator Bottom Ash (IBA), and other complex residues. Our expertise also extends to logistics, ensuring the efficient transportation and handling of these materials.

In addition to waste management, Augean is renowned for offering specialised industrial services. We deploy teams of highly skilled operatives throughout to provide industrial cleaning, decommissioning, and decontamination services. Notably, we are the only UK operator equipped with the necessary resources to conduct specialist industrial services for the Energy from Waste (EfW) and Biomass sectors while utilising our own treatment infrastructure to manage the resulting residues effectively.



KEY FIGURES

2004
Incorporated

600
Employees (circa)

£150m
Total revenue (2024)

22 sites
Across the UK

OUR VISION

- + A market leader in **treating hard to handle wastes** and **specialist industrial services**
- + **Treating waste as a resource**, enhancing our **ESG credentials** and **optimising** treatment, recovery and disposal routes
- + **A high standards operator** for health & safety, compliance, operational excellence and customer service and also for the communities in the areas in which we operate
- + **Increase shareholder value** by:
 - + Enhancing our **infrastructure** proposition
 - + Develop a more balanced, **sustainable business**
 - + **Organic** growth
 - + Targeted **M&A**
- + Strive to make Augean a **great place to work**

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.



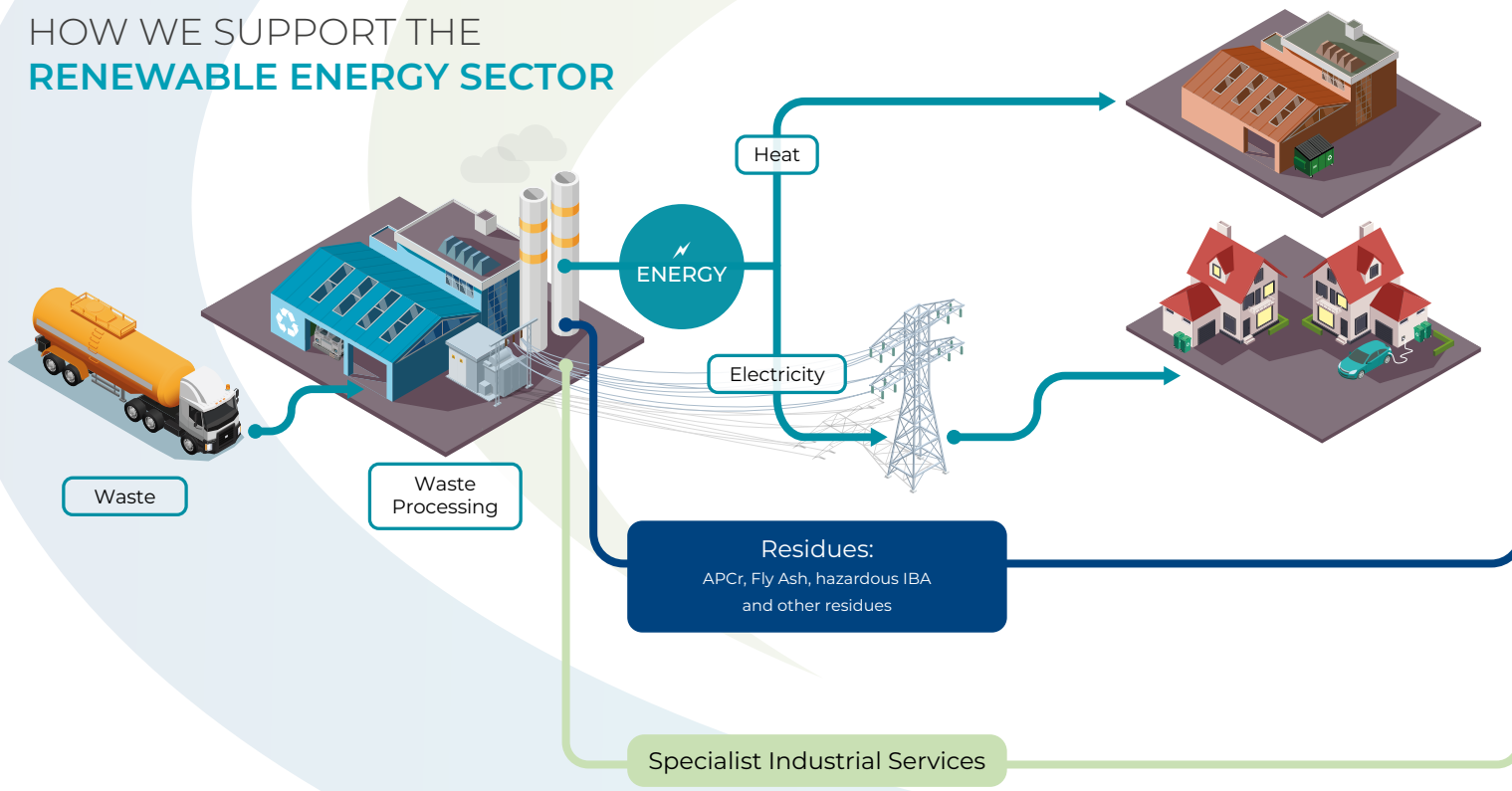
CARBON FOOTPRINT AND ENVIRONMENTAL IMPACT

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 up to 70m³ 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

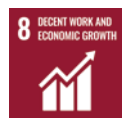
Since its inception, Augean has adhered to best practices in environmental stewardship, social responsibility, and corporate governance. We are committed to the continuous development of ESG standards, which are integral to our growth strategy.

Our company values, policies, and management systems embody these principles. Since 2005, we have produced an annual Corporate Sustainability Report (CSR), which outlines our ethos and operational practices while disclosing our performance against selected sustainability criteria. This report reflects our dedication to transparency and accountability as we strive to achieve our sustainability goals.

ENVIRONMENTAL criteria evaluate how a company acts as a steward of nature. Augean recognises the vital role it plays in safeguarding the environment and positively impacting the communities in which it operates.

SOCIAL criteria assess how we manage relationships with our employees, suppliers, customers, and the communities in which we operate. Prioritising the health, safety, and well-being of our employees is paramount. We are committed to complying with regulations and acting as a responsible neighbour by minimising the impact of our operations on the wider community, making these objectives key business priorities.

GOVERNANCE encompasses a company's practices regarding compensation, audits, internal controls, and shareholder rights. Upholding the highest standards of governance is essential for the effective execution of our strategy. It ensures that our Board makes decisions that generate sustainable long-term value for the mutual benefit of our customers, the communities we serve, our employees, and our 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

Insert FSC Logo
ref: landscape/Green positive



Defence



Infrastructure & Construction



Nuclear & Radioactive



Oil & Gas



Processing & Manufacturing



Renewable Energy



Utilities



MORE SERVICES FROM AUGEAN

- + [Oil & Gas Waste Services](#)
- + [Radioactive Waste Services](#)
- + [Specialist Industrial Services](#)
- + [Specialist Waste Containers](#)
- + [Treatment & Disposal Services](#)
- + [Treatment & Transfer Services](#)



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