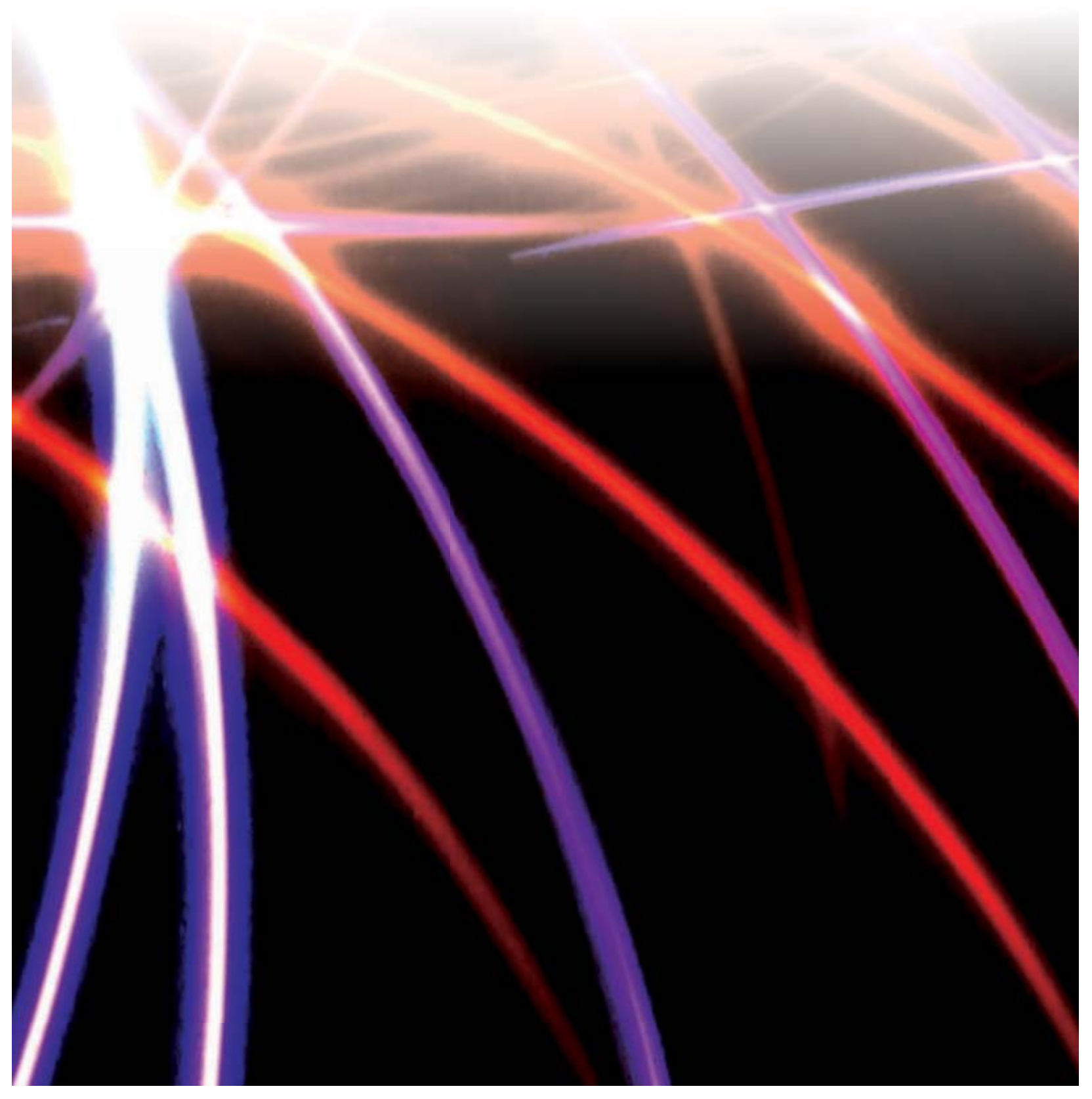


Nuclear



AMEC is one of the leading providers of technical consultancy, engineering services and programme and asset management to the nuclear industry.

Our experience spans several decades in the UK, Canada, United States, South Africa, Eastern Europe and the former Soviet Union.

www.amec.com

Safety and the environment

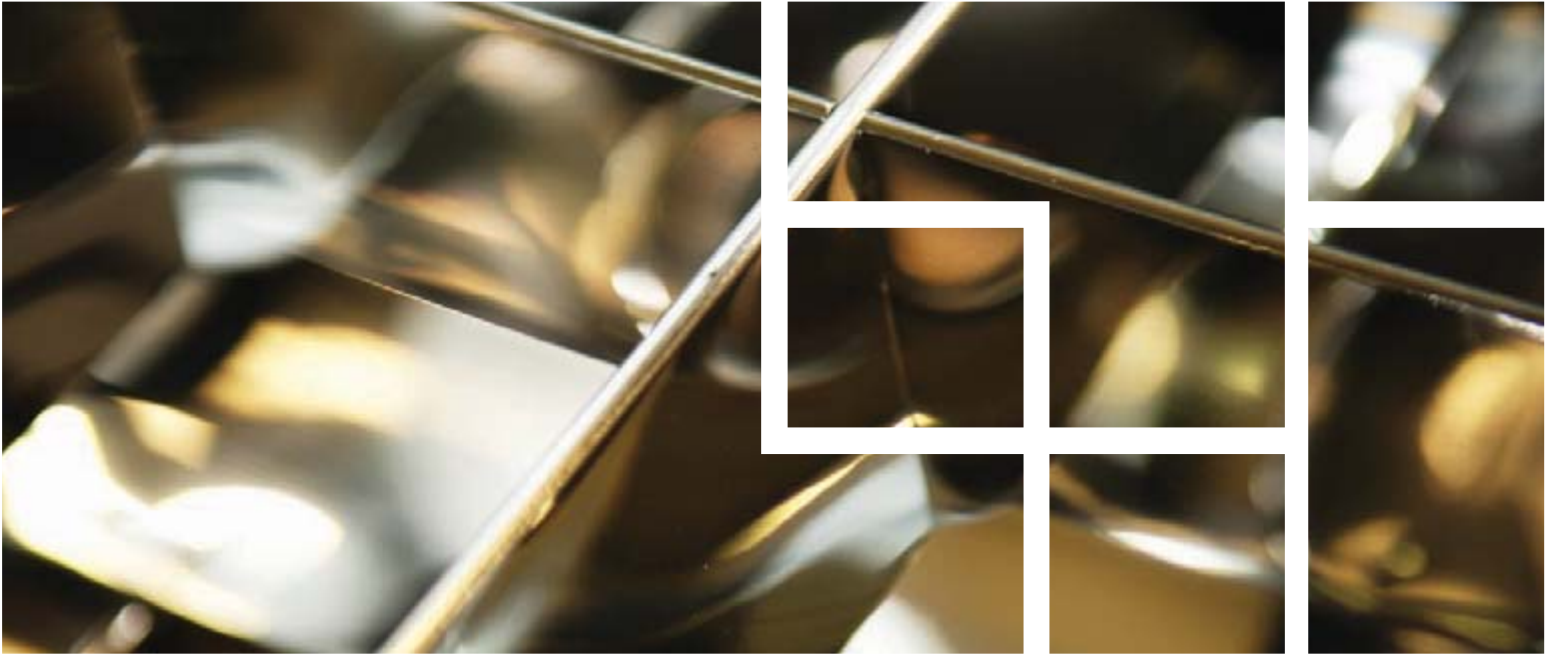


In December 2007 the Bruce Power reactor restart programme achieved seven million man hours without a lost time incident. AMEC is the Programme and Project Manager for the Bruce units 1 and 2 restart programme.

AMEC has an ingrained safety culture which ensures the safety of our staff, customers, partners, the general public and the environment wherever we work.

AMEC has won many internationally recognised awards for its commitment to deliver its business in the most environmentally sensitive and sustainable way.

Corporate information



AMEC is a focused supplier of high-value consultancy, engineering, and project management services to the world's energy, power and process industries. AMEC is a FTSE 100 company that designs, delivers and maintains strategic and complex assets for its customers.

AMEC's Natural Resources, Power and Process and Earth and Environmental divisions employ over 23,000 people in more than 30 countries globally, with an annual turnover of GBP 2.3bn.

AMEC's nuclear business, which resides within the Power and Process division, understands its customer requirements and works in partnership to achieve best value.

The business has more than 50 years' experience in the civil and defence nuclear industry. Through its 2,000 dedicated nuclear employees, AMEC possesses unique understanding and capability across the lifecycle of complex nuclear assets.



New build



Programme management

AMEC has a 50 year history of delivering highly complex new build programmes across the entire nuclear cycle. We bring world class project management techniques and tools to bear, which are currently being used worldwide, to deliver programmes of work in highly regulated industries.

Engineering

Our independent technology expertise across legacy, current operational and next generation systems allows us to support our customers whichever technology they own or consider.

We hold unrivalled technical and engineering capability across all disciplines to assist our customers in bringing new plant into operation.

Nuclear consultancy

AMEC has extensive safety, licensing and regulatory expertise which we use to support facility owners, operators, vendors, and national regulators across the world.

Our unrivalled expertise also includes stakeholder consultation and environmental impact assessments for siting and planning applications.

Reactor support



Programme management

We provide programme and portfolio management in support of continued facility operation, maintenance, outages and upgrades. This includes the full lifecycle management and implementation of major refurbishment and rebuild programmes for life extension and condition enhancement of existing plant in power generation, waste management and defence.

Asset management

AMEC provides through life asset management and improvement to all major facility types and nuclear process plant. Our teams have extensive experience of providing specialist techniques, such as periodic safety assessments, root cause analysis, reliability centred maintenance, plant improvement and operational experience feedback.

Engineering

AMEC provides multi-disciplined engineering support to all phases of nuclear and conventional plant operation. AMEC's engineering disciplines are supported by specialist analytical and scientific skills including human factors assessments.

AMEC operates extensive technology laboratories and rig hall facilities, delivering innovative solutions to the nuclear market. Services range from support to life extension of reactor plant through to decommissioning waste disposal strategies.

Nuclear consultancy

AMEC provides all levels of nuclear safety case, design substantiation and As Low As Reasonably Practicable (ALARP) / Best Practical Environmental Option (BPEO) justification, including regulatory support.

Our radiological capability includes analysis and modelling; criticality and shielding assessment and the application of thermalhydraulic and radiological analysis codes.

Clean up



Programme management

AMEC has key strategic partnering and alliancing agreements with the world's foremost nuclear companies, bringing innovative solutions and best value to the global clean up market.

We are committed to ensuring safe environmental restoration of the nuclear legacy sites for our future generations.

Asset management

AMEC provides manufacturing, processing and storage facility maintenance, asset improvement and lifetime support. At the end of the facilities lifecycle our teams plan and deliver both care and maintenance or decommissioning solutions to minimise the impact on the environment.

Engineering

AMEC offers multi-disciplined design services for new, refurbishment and decommissioning of nuclear facilities.

Our experience in multi-disciplined engineering and safety case support to decommissioning activities is unparalleled. Our teams of nuclear experts have a reputation for delivering cost-effective, fit for purpose technology to provide solutions to the nuclear industry.

We support operations, lifetime extension, repository technology, decommissioning, building of new facilities and defence.

Nuclear consultancy

In support of all decommissioning site activities we have acknowledged experts in waste management, health physics and all radiological and environmental services.

AMEC operates the NIRAS laboratory, the UK's largest commercial radiochemical analysis laboratory, which has the largest team of qualified radiochemists in the industry.

AMEC delivering across the asset lifecycle



AMEC is a key member of the Sigma 3 alliance which provides asset support across all of Shell's North Sea Oil platforms (13), and performing over 200 supply chain engagements.

AMEC was part of the successful partnership that delivered the new Terminal 5 at London's Heathrow Airport.

capital expenditure



programme and project management

AMEC provides support to the South African regulator in support of the Pebble Bed Modular Reactors.

AMEC is the leading engineering provider to British Energy in support of their asset improvement and life extension programmes on their AGR fleet.

Our laboratory capabilities range from desk based studies, through to site operations and full scale test rig build and operation.

Our teams are backed by extensive laboratory and rig hall facilities, including the ability to handle radioactive material.





AMEC provides long-term asset support to the oil and gas industry and has worked in an alliance with BP at their Coryton refinery in the UK for ten years, delivering high level engineering solutions to improve the plant's performance.



AMEC is the project manager for the Ignalina reactor decommissioning site in Lithuania, one of the largest decommissioning programmes in Europe.

operating expenditure

Operate

Maintain

Decommission

Clean up

programme and project management

AMEC provides key operations and maintenance support to the Ontario Power Generation in Canada across their fleet of CANDU reactors.

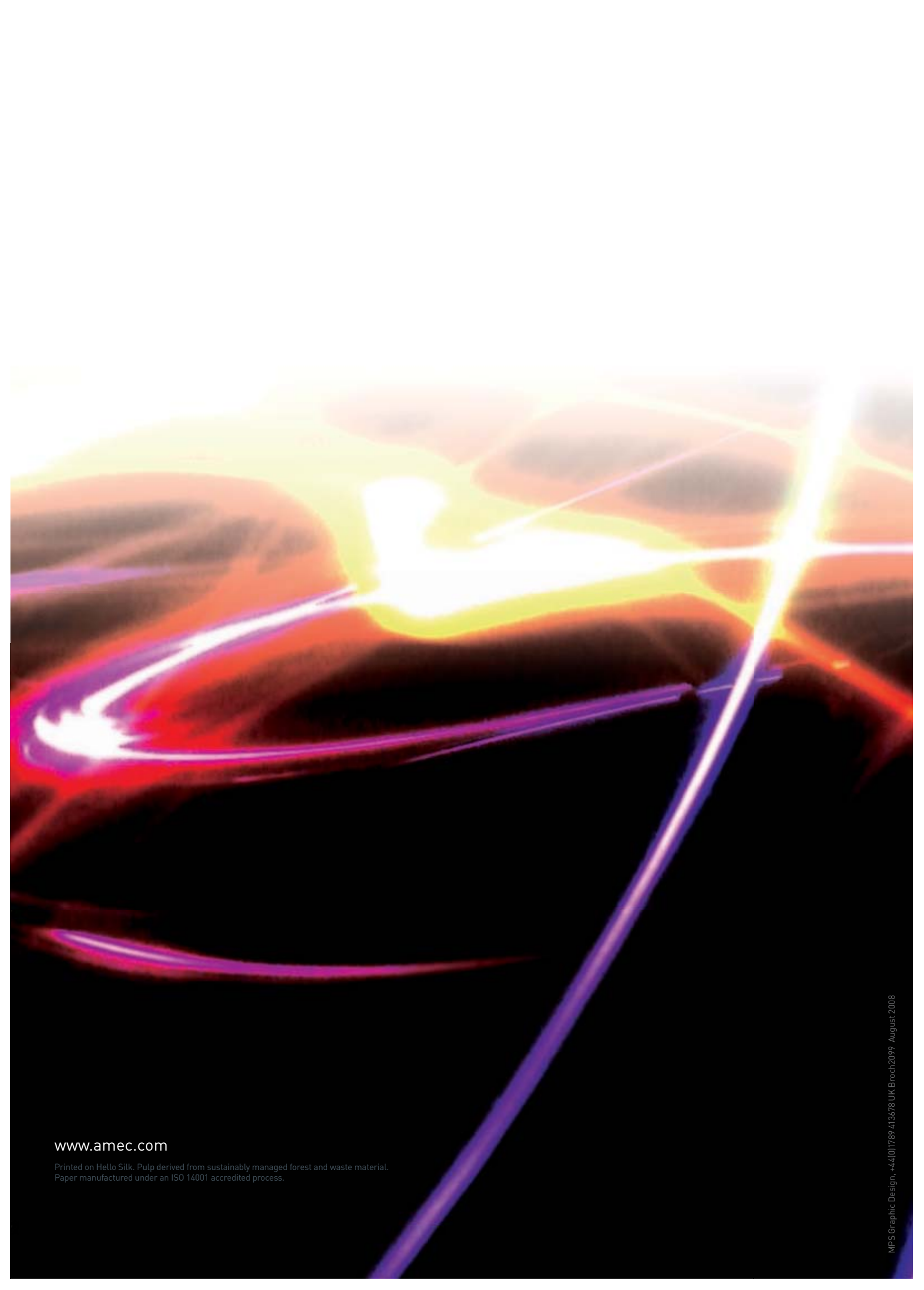


AMEC's environmental services business employs 3,000 professionals working from the UK, Germany, Italy, Netherlands, China, North and South America and throughout the world.



Our locations





www.amec.com

Printed on Hello Silk. Pulp derived from sustainably managed forest and waste material.
Paper manufactured under an ISO 14001 accredited process.