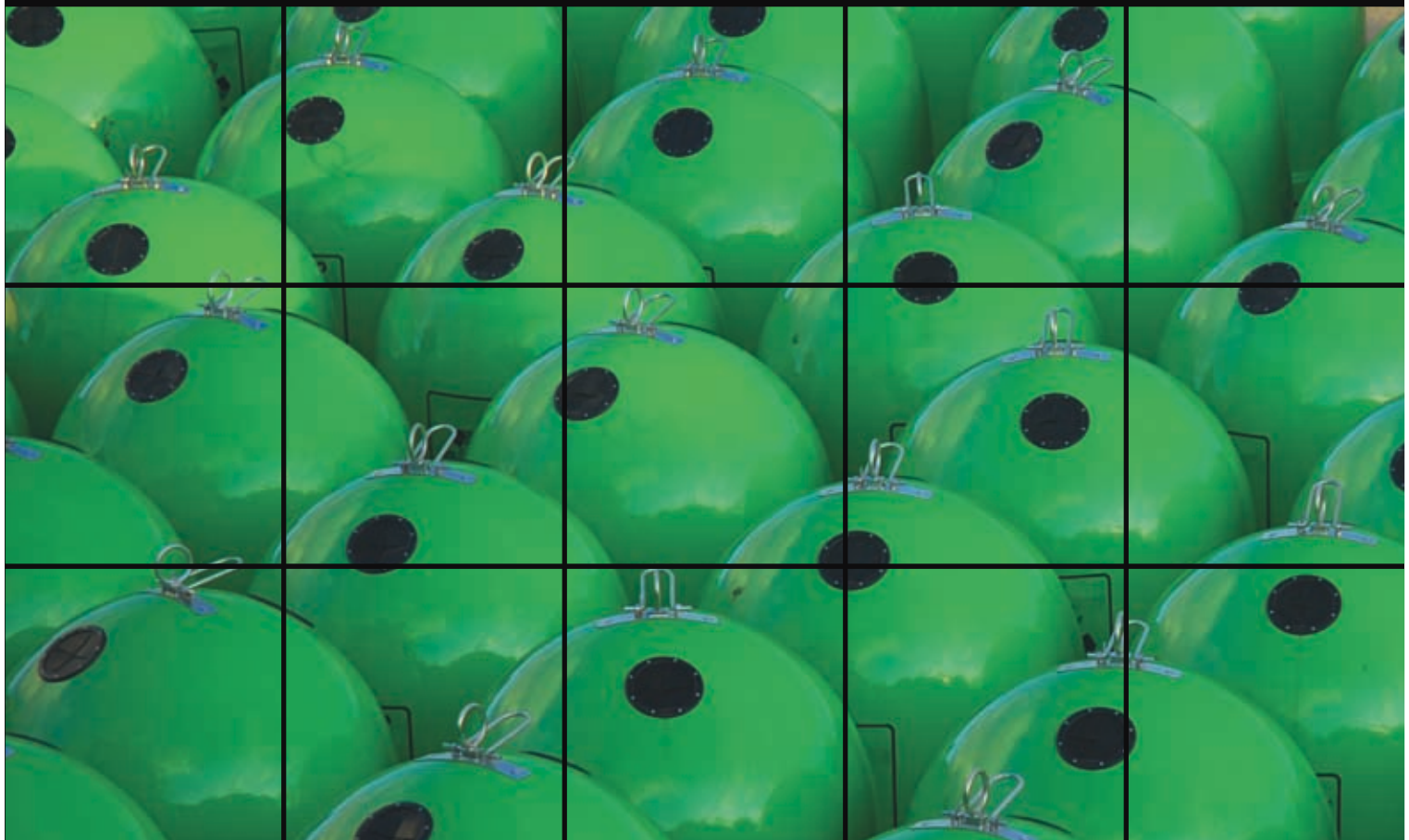




Energy and climate change  
Air and environmental quality  
Risk management and due diligence  
Resource efficiency and  
waste management  
Sustainable transport  
Innovation and knowledge transfer  
Sustainability

# Resource efficiency and waste management

**Applying innovation through our resource efficiency and waste management projects and programmes, AEA has transformed the way in which businesses and organisations in the private and public sectors manage their resources, leading to considerable cost savings and minimised environmental impacts.**



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# “AEA has over four decades of experience in developing resource efficiency and waste management solutions through our advice direct to UK and EU Governments, local authorities and businesses”

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**Businesses and organisations in the private and public sectors are currently faced with increasing pressure from customers and regulators to improve environmental performance. Climate change has become a high-profile issue with the UK Government setting a framework for CO<sub>2</sub> reduction up to 2050 through the Climate Change Bill.**

The focus of many organisations has moved to one of reducing the carbon impacts of their activities. This ultimately means improving the efficiency with which they use resources, reducing the amount of waste they produce and increasing the amount of waste recover.

Following the publication of the Stern report in 2006, it became clear that financial benefits are linked to better resource use. However, while many organisations want to reduce resource use and improve environmental performance to comply with legislation and stay ahead of the competition, they are not sure where to start. AEA is leading strategic and behavioural change programmes within businesses, organisations, local authorities and Government by providing cost-effective solutions that enhance the environment, improve resource efficiency and, by working with key stakeholders, identify substantial savings.

## Understanding the market context

The requirements for sustainability are driven by business performance imperatives, whether to meet a regulation, to satisfy a customer group, to achieve corporate social responsibility or simply to deliver enhanced performance and profitability. Sustainability is a highly complex topic, impacting on all aspects of business activity. Providing strategic advice and support demands specialist expertise that is able to cover not only energy, environment, air, waste and materials, but also the ability to influence and deliver sustained change through efficient and effective communications, knowledge transfer and management.

## Our principal services

AEA is a market leader in providing resource efficiency and waste management solutions to businesses and the public sector. The breadth of our expertise enables us to add value and make a substantial difference to the clients we assist. The principal resource efficiency and waste management services that AEA offers include:

- + Resource efficiency audits
- + Waste audits and compositional analysis
- + Resource modelling and scenario evaluation
- + Life-cycle analysis and costing
- + Sustainable product design and policy
- + Waste and resource management strategies
- + Mass flow modelling
- + Green procurement solutions
- + Legislative compliance assessment
- + Policy advice and action planning
- + Behavioural change programmes
- + Capacity building and knowledge transfer
- + Staff training and mentoring
- + Operational reviews and improvement planning
- + Options appraisals
- + Service design and contract procurement
- + Technology assessments and advice
- + Media management and communications planning
- + Stakeholder engagement and awareness raising

## Best-in-class resource capability

AEA has over four decades of experience in developing resource efficiency and waste management solutions through our advice direct to UK and EU Governments, local authorities and businesses. Our specialist team includes internationally recognised experts that are leaders in the fields of product life-cycle assessment, procurement, waste management systems, and water and energy efficiency. When combined, our formidable team represents some 130 experts who will provide a tailored solution to delivering your resource efficiency needs.

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**For more information, please contact Adam Read, Practice Leader**

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