

Carbon and Energy Management (CEM)

Lower energy consumption without compromising quality

We help our clients limit the energy they consume and the carbon they emit to what is needed to meet their business goals.

Save now and in the future

We assess where you are and implement strategies that will deliver and sustain the savings and benefits that you wish to achieve.

Our Carbon and Energy Management services include:

- Carbon and energy management policy and strategy development
- Regulation compliance
- Energy surveys and carbon foot-printing
- Green design and implementation support
- Post occupancy evaluation- OLS
- Training and motivational workshops
- Carbon and energy Monitoring and Targeting
- Continuous Commissioning



Increase your savings while helping the environment

Carbon and Energy management policy and strategy development

Successful Carbon and Energy Management (CEM) requires a clear policy statement, supported by an implementation strategy that includes challenging but achievable targets. ABS will assist you with the preparation and implementation of a strategy that reflects your organisation's goals and capabilities.

Regulation Compliance

With environmental standards and legislation becoming increasingly demanding it is hard to keep up. ABS employs accredited energy assessors and

CIBSE certified Low Carbon consultants that have the experience to guide you through all the legislative requirements that apply to your buildings. Typical regulation involves Display Energy Certificates (DECs), Energy Performance Certificates (EPCs), Carbon Reduction Commitments (CRC) and AC inspection. Need to put the initials in full

Energy surveys and carbon foot-printing

An initial audit designed to improve your organisation's environmental performance and save you money while contributing to business excellence. For many organisations, this is the first step in the sustainability journey.

An energy survey determines your organisation's current consumption and establishes action priorities. Information from energy bills and technical audits is collected and analysed.

A carbon footprint provides an understanding of the carbon emitted as a result of business operations under the following headings:

- Buildings and estates
- Transport and travel
- Procurement

Upon completion of all assessments a written report is produced. Recommendations are listed in an action plan which includes:

- carbon energy and cost savings
- payback period for each recommended measure
- finance options for capital measures and the availability of grant aid

Green design and implementation support

Buildings that are environmentally more sustainable, both in the construction process and in operation, don't have to cost more. The right approach will optimise quality, value and cost.

ABS provides advice on the carbon and energy-efficient design of buildings and their services and manages implementation.

Training and motivational workshops

CEM is driven by technical, managerial and motivational initiatives. Our workshops are tailored to your organisation's needs to deliver the skills, the knowledge and the behaviour required to lead and sustain cost effective carbon and energy efficiency programmes.

Carbon and Energy Management (CEM)

Lower energy consumption without compromising quality

Post Occupant Evaluation- Overall Liking Score (OLS)

Buildings exist to fulfil the business plan of the occupier by providing an efficient, safe and comfortable working environment for its most important asset – the people. Research shows that when people like their working environment there is often a link to improved productivity. While we understand the implications of providing the right thermal, visual and acoustical internal environment, our real added value is in measuring and managing the occupants' 'overall liking' of the workplace.

In collaboration with the University of Manchester Institute of Science and Technology (UMIST), ABS has developed OLS - a proactive analytical process that measures how people feel about their work environment. The derived insight is useful for all the stakeholders involved in building design, operation and maintenance of a building as it helps them achieve the optimum of cost and value.

Carbon and energy monitoring and targeting

"If you can't measure it then you can't manage it". ABS will help you monitor your energy consumption and your carbon emissions enabling you to set, meet and publish your reduction targets.

Continuous Commissioning

Continuous Commissioning (ConCom) is ABS' umbrella offering as it incorporates all the above mentioned services. ConCom is a process for optimising energy efficiency, operating cost and occupant comfort through a holistic and ongoing process.

Proven Results

"Structured and formal energy management can allow you to save as much as 20%, while energy savings of up to 10% are possible through no-cost measures."

- The Carbon Trust, 2008

Why ABS consulting?

ABS employs experienced engineers and accredited low carbon consultants and energy assessors.

Our philosophy is that buildings exist to fulfil the owner or occupier's business plan and to provide an efficient, safe and comfortable environment for users. It means that we take a client centred strategic view, informed by our hands-on experience of all phases of the building life-cycle.

Government Funding for Eligible Projects

ABS can help you access government funding to support your carbon and energy management initiatives.



CEM: A business approach to energy and sustainability

Next Steps

For more information on our Green and Businesslike approach to Energy and Carbon Management please contact Jim Ure:

ABS Consulting
156 Blackfriars Road
London
SE1 8EN

Tel: 020 7378 0006

Fax: 020 7378 0016

jwure@absconsulting.uk.com

www.absconsulting.uk.com

ABS consulting provides strategic consultancy in a number of property and construction related specialist disciplines which include:

- Building Services
- **Carbon & Energy Management**
- Continuous Commissioning (ConCom)
- Facilities Management
- Management Services
- Post Occupancy Evaluation
- Regulation Compliance
- Training & Workshops