

Delivering Sustainable Facilities Management

From ABS Consulting and
London South Bank University

An award winning rigorous, mentored,
professional development programme that
provides the tools and knowledge to implement
sustainable FM processes, improve occupant
satisfaction and deliver significant, measurable
cost savings.

Delegates undertaking this course will gain skills and knowledge using the latest tools and techniques to deliver and measure carbon reduction and generate immediate cost savings in the workplace.

"I've been offered and have accepted a new role at the company as 'Energy & Facilities Engineer'.

I wouldn't have reached this point without the course and my mentor's input, for which I am very grateful – thank you" – delegate's email to Jim Ure



Format

The programme is delivered over four months and includes:

- Rigorous **mentor supported development and facilitated learning**
- **Individual mentoring support** throughout the programme to assist with strategy development and implementation for each delegate's employer or sponsor project
- **24 hour access** to tools, journals, reference material and discussion forums via LSBU's secure virtual learning environment
- A **presentation day** where delegates present their project to an invited audience. An award will be given to the project that best demonstrates the benefits and value of sustainable facilities management



Delegates will undertake an **individual project** for their organisation to demonstrate the tangible business benefits of sustainable FM within their own company. ABS Consulting will work with employers, to set the scope of the delegate's project, if necessary, or can assign a project to delegates without a sponsor.

Extra value: Delegates will be granted access to use the Overall Liking Score (OLS) tool, ABS' approach to Post Occupancy Evaluation.

The project will deliver real and measurable value for each delegate and their employer or sponsor, enabling specialist know-how to be applied within your organisation to eliminate avoidable waste.

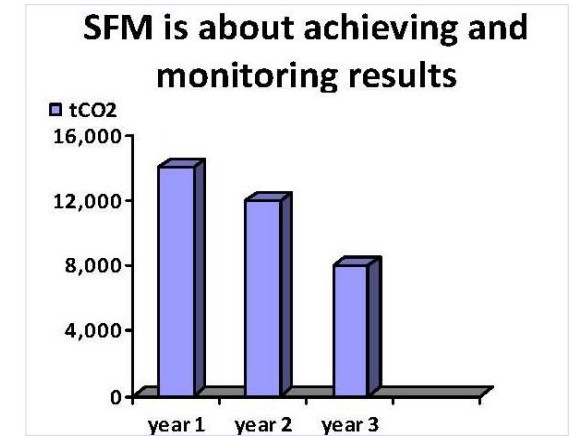
Delivered by experts

The programme has been developed by ABS Consulting and is led by Jim Ure, one of the industry's leading experts in delivering carbon and cost savings through implementing sustainable FM processes. Jim has been retained to provide training, strategic FM, energy efficiency and environmental management consultancy to organisations such as Carphone Warehouse, Climate Change Capital, E.ON UK, Imperial College Healthcare NHS Trust, Imperial College London, Lloyds Bank and Toyota GB.

Business benefits

On completion of this programme delegates will:

- Understand the main drivers for sustainability
- Be able to demonstrate the business case for sustainable FM within their organisation
- Have implemented sustainable FM within a part of their organisation and achieved some quick wins to demonstrate its value
- Have developed the skills and knowledge to prepare and implement a carbon reduction strategy
- Be able to set benchmarks that will deliver a virtuous circle of continuous improvement
- Understand the incentives for sustainable FM and the substantial financial benefits it delivers
- Know how to implement performance-based service provision and select appropriate service partners
- Be able to effect fundamental and incremental change in their organisation and for their clients



A comprehensive, accredited programme...

This programme has been validated by LSBU as a 15 credit Masters level Unit. Achievement of the Unit award will support delegates in further post graduate study as it may be eligible for exemption, through accreditation of prior learning, on full Masters courses in a similar field, subject to university's eligibility criteria being met. The programme was also the winner of CIBSE's 2011 Training for Building Performance Award.

...from the UK's leading built environment institution

LSBU is renowned for its expertise in the built environment, exemplified by its research and the development of the new Centre for Efficient and Renewable Energy in Buildings (CEREB). Validation of the programme ensures delegates that the training is benchmarked to nationally recognised standards and is supported by the quality assurance policies and procedures of the university.

Sustainable FM delivers:

Imperial College Healthcare NHS Trust case study

Since 2005, the application of Sustainable FM techniques has enabled the Trust to reduce CO₂ emissions by some **30,000 tonnes** and to secure some **£6.5M** of capital funding for cost effective carbon reduction projects.

Fee: £6,000

To find out more contact:

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(The next course is scheduled to commence April 2011)

Programme content

The programme provides all the underpinning knowledge needed to understand, implement, measure, and sustain improvement in building performance:

The business case for sustainable FM

The fundamentals of carbon and energy management and the importance of organisational culture and occupant perception are explored under this topic. Delegates will learn how a holistic approach to preparing a business case can convert financial burdens to financial benefits, unlocking the potential for continuous improvement while reducing operating costs.

Carbon and energy management (CEM) policy and strategy

Successful Carbon and Energy Management (CEM) requires a clear policy statement supported by an implementation strategy that includes challenging but achievable targets. The topic explains how to prepare and implement a strategy that reflects your organisation's goals and capabilities.

Optimum operation by the application of ConCom

Continuous Commissioning (ConCom) is an approach which enables a building's energy consumptions, carbon emissions and operating costs to be limited to those required to achieve the occupier's business plan and meet occupants' needs. Delegates will learn how to obtain maximum value from a building or an estate by eliminating avoidable waste while maintaining or improving occupant satisfaction.

Performance-based operation and maintenance

The motivation of an operation and maintenance (O&M) contractor must be aligned with the client's needs and goals as all elements in the supply chain affect a building performance. Here we look at how a performance-based O&M service, focused on measured output through Key Performance Indicators, can reduce cost and improve value.



ABS consulting

Sustainable solutions for the working environment

Winner of CIBSE 2011 Training for Building Performance Award

Determining and avoiding risk

Delegates will understand the definitions of 'soft' and 'hard' risks and their implications for sustainable buildings; strategies for minimising risk of failure; the risks and persistence factors associated with carbon reduction projects and how to prioritise FM projects in accordance with risk.

Occupant feedback and POE

Post Occupancy Evaluation (POE) is one of the best methods for identifying opportunities for improvement by evaluating occupied buildings in a systematic and rigorous manner. The Sustainable FM programme shows how the Overall Liking Score process is used to measure occupant satisfaction of the working environment and how it can enable management to take informed decisions on cost and priorities for improvements.

Waste reduction and recycling

Reducing waste to the cost-effective minimum and making the most of what remains is of paramount importance to a sustainable building. Here we cover setting up a waste monitoring system and the carbon emissions associated with waste.

Carbon foot printing – property, transport and procurement

The three scopes of emissions – direct, indirect and indirect from imported utilities - are outlined to understand the impact a building or business has on the environment, along with guidelines on how to set up a carbon monitoring system.

Carbon and energy regulation compliance

The major energy, environmental and carbon related legislative requirements that apply to buildings and estates are described including Display Energy Certificates (DECs), Energy Performance Certificates (EPCs), Carbon Reduction Commitment (CRC) and Air Conditioning (AC) inspection.

