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## Overview

This standard is for senior managers in the facilities management environment. It is about monitoring, controlling and conserving energy for the organisation with the aim of reducing cost, and increasing efficiency including the use of water and energy usage controls and the introduction of energy efficiency measures. It covers the environmental and sustainability considerations involved when managing utilities.

This standard is applicable to those who deliver facilities management services:

- within an organisation, and
- to a client organisation

In this context 'the organisation' can be either your employer or a client

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**Performance  
criteria**

- You must be able to:*
- P1 investigate techniques or strategies that could be followed to reduce consumption and waste
  - P2 ensure a system is in place for the metering of consumption and the collection of data
  - P3 analyse metering and consumption data at regular intervals to identify and quantify routine energy waste
  - P4 target opportunities to save energy including the introduction of relevant energy efficiency measures
  - P5 target opportunities to reduce waste by reuse or recycling
  - P6 raise awareness in the organisation of the importance of efficient use of energy and consumables
  - P7 ensure that considerations of climate change and sustainability are incorporated into the organisation's strategy and policy
  - P8 instigate changes to strategy and policy to reduce energy consumption and waste
  - P9 reduce reliance on energy by identifying and championing more sustainable and energy efficient working practices
  - P10 use accurate and up to date information on the organisation's use of utilities to inform procurement decisions
  - P11 organise and oversee tendering and procurement of utilities contracts to ensure sustainable best practice in utilities management
  - P12 ensure that the organisation's use of utilities conforms to or surpasses environmental protection regulatory requirements and achieves best practice

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## Knowledge and understanding

*You need to know and understand:*

- K1 the current debate on climate change, including arguments for and against
- K2 UK and EU legislation on climate change
- K3 the legal requirements regarding environmental protection and how to comply with them
- K4 the balance between social, environmental and economic factors in ensuring the sustainability of the built environment
- K5 the contribution of sustainable practices on climate change
- K6 the principle of carbon neutrality and ways of moving towards it
- K7 the impact of carbon emissions
- K8 the importance of management and reduction of carbon emissions
- K9 relevant emissions targets appropriate to the organisation's primary activities
- K10 the ethical considerations involved in energy procurement
- K11 the organisation's policy on green energy procurement
- K12 current energy prices and trends
- K13 the importance of building design to efficient use of utilities and the introduction of energy efficiency measures
- K14 The importance of regular planned preventative maintenance of assets and facilities in the management of utilities
- K15 the importance of effective utilities management to the organisation
- K16 how to use monitoring results to maintain and improve performance of utilities services
- K17 industry techniques and strategies for reducing consumption and waste
- K18 relevant systems for measuring the production of waste
- K19 techniques for analysing metering and consumption data to provide usable information to inform decision-making

## Implement sustainable facilities management

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- K20 the importance of ensuring that factors concerning use of utilities and consumables are used to inform the organisation's strategy and policy
- K21 methods of championing to colleagues and clients
- K22 the importance of using accurate and up to date data on the use of utilities to inform procurement decisions
- K23 the tendering and procurement process for utilities contracts

# ASTFM517

## Implement sustainable facilities management

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**Relevant occupations** Corporate Managers and Senior Officials; Managers and Proprietors in Other Service Industries; Group Managers; Property Managers; Senior Environmental Managers; Construction, Planning and the Built Environment; Senior Development Managers; Service Development Managers

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**Suite** Facilities Management

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**Key words** Energy Consumption; Energy Metering; Energy Waste; Recycling; Energy Strategy; Sustainability; Climate Change; Energy Efficiency Measures