

ASTCEA07

Support clients to implement energy management and carbon reduction plans



Overview

This standard is about reviewing the implementation plan to reduce energy use and carbon emissions against agreed targets and overcoming barriers to its implementation. It also covers promoting the benefits of energy and carbon reduction and identifying training and support needed for effective introduction of energy management systems.

This standard is for professionals in energy management and advice.

**Performance
criteria**

You must be able to:

- P1 review implementation plan against agreed targets for each component of the implementation plan
- P2 identify perceived and real barriers to the introduction of changes
- P3 identify ways of overcoming barriers to the introduction of changes
- P4 demonstrate how plans will deliver carbon and energy reduction targets
- P5 review energy audit systems and carbon reduction savings
- P6 contribute to the communicating of the benefits of the energy/carbon reduction implementation plan to stakeholders
- P7 review the effectiveness of training/skills development programmes and suggest changes/improvements
- P8 provide advice on further energy and carbon reduction measures compatible with the agreed plan and ways of introducing them
- P9 agree revised energy/carbon reduction review and evaluation cycle and next steps in the process

Knowledge and understanding

You need to know and understand:

- K1 the activities, products, services, systems and processes of the organisation and their impact on energy and carbon consumption
- K2 the components of an effective monitoring and evaluation system for energy management
- K3 how to identify deviations from set targets and appropriate corrective action to take
- K4 the eligibility criteria for grants and enhanced capital allowances and how to access them
- K5 the potential barriers to the introduction of changes including: costs, changes to activities, inertia, scepticism, lack of knowledge/understanding of alternatives, lack of financial awareness
- K6 the alternative ways of attempting to overcome barriers and resistance to changes including: technical information, financial forecasting, challenges to inertia, compelling cost/benefit analysis, demonstrations of processes and equipment, case studies, learning from other early adopters, creating a support framework, contribution to corporate social responsibility
- K7 the components of an effective communication strategy for all members of the organisation
- K8 how individuals can make a positive contribution to energy consumption and carbon reduction
- K9 how to review and re-focus energy and carbon reduction plans for continuing use

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