

# ENERGY MANAGEMENT SYSTEMS

BSI provides standards, publications, training, events, software, assessment and certification services for BS EN 16001

## Overview

Effective energy management is a crucial issue for the success of any business. For many, the answer is an Energy Management System (EnMS) – a framework for the systematic management of energy. As well as enhancing energy efficiency, an EnMS can cut costs and reduce greenhouse gas (GHG) emissions providing you with a competitive advantage.

BS EN 16001 represents the latest best practice in energy management systems building upon existing national

standards and initiatives. The standard specifies the requirements for an EnMS to enable your organisation to develop and implement a policy, identify significant areas of energy consumption and target energy reductions.

## Who is it for?

BS EN 16001 is suitable for any organisation – whatever your size, industry or geographical location. It is particularly relevant if you operate in an energy intensive industry or one facing GHG emissions legislation.

BS EN 16001 will help you establish the systems and processes necessary to improve energy efficiency leading to reductions in cost and greenhouse gas emissions through the systematic management of energy.

## FEATURES AND BENEFITS

### Reduce costs

Reduce energy costs via a structured approach to identifying, measuring and managing your energy consumption.

### Improve business performance

Drive greater productivity by identifying technical point solutions and affecting behavioural change to reduce energy consumption.

### Engage top management

Position energy management in the boardroom as a key business issue.

### Comply with legislation

Meet current or future mandatory energy efficiency targets and/or the requirements of GHG emission reduction legislation.

### Reduce your GHG emissions

Meet stakeholder expectations or obligations now and in the future.

### Formalise energy policy and objectives

Promote your energy management policy and embed energy efficient thinking in your organisation.

### Integrate your management systems

Align your EnMS with existing management systems for incremental benefit.

### Secure energy supply

Understand your energy risk exposure and identify areas of your organisation at greatest risk.

### Drive innovation

Develop opportunities for new products and services in the low-carbon economy of the future.

### Flexible and scalable

Applicable to any organisation, large or small and from any industry.

## How can we help?

### Assessment and certification

Our assessment capabilities are globally recognised for providing a value-added service while our assessors are qualified professionals with relevant product and industry expertise. We also offer integrated assessments with other management system standards, such as ISO 9001 and ISO 14001, to help reduce the burden of multiple assessments.

### Benefits of certification

- Continual improvement
- Enhance reputation
- Improve brand image
- Differentiate from competition
- Enhance competitiveness
- Improve staff motivation and retention

### Training

We provide comprehensive BS EN 16001 training. This ranges from eLearning and a one-day introductory course that covers the basic requirements of the standard, through to implementation, internal and lead auditor courses.

Courses can be delivered in-company, at dedicated training centres or online through eLearning. For the latest training information visit:

[www.bsigroup.com/training](http://www.bsigroup.com/training)

### Standards, publications, events and tools

We offer a range of guidance documents, support publications, events and software, including a self-assessment tool which helps you implement and embed your EnMS. Many services can be purchased directly from your local BSI office or online at:

[www.bsigroup.com/bsen16001](http://www.bsigroup.com/bsen16001)

### Entropy Software™

Our Entropy Software is a web-based audit and compliance solution, which enables you to optimise your EnMS. With real-time analysis and performance reporting via an instant corporate-wide executive dashboard view, the application also helps you to identify inefficient energy use and energy security supply risks to inform GHG and corporate social responsibility reporting.

### Next steps

There are a number of ways to move towards BS EN 16001 implementation. Guidance publications and training are a good place to start, or attend a BSI customer event or conference. If you are looking to integrate two or more existing management systems, you can combine your EnMS assessment with other management systems.

**For further information on BSI's energy management services, please contact your local office or visit: [www.bsigroup.com/en16001](http://www.bsigroup.com/en16001)**

## BSI SERVICES SUMMARY

- Information and guidance
- Standards and publications
- Customer events
- Training
- Management systems assessment and certification
- Second party auditing
- Software tools
- Carbon footprint and GHG emission verification

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The BSI certification mark can be used on your stationery, literature and vehicles when you have successfully achieved certification.

