

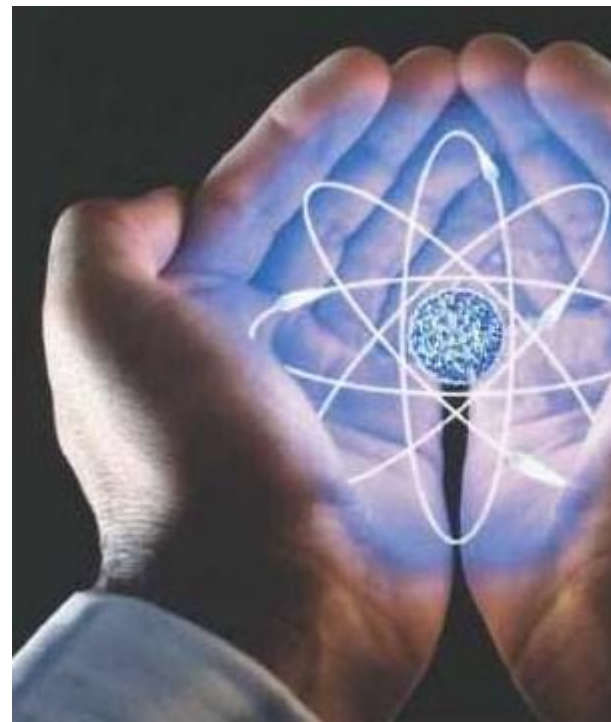
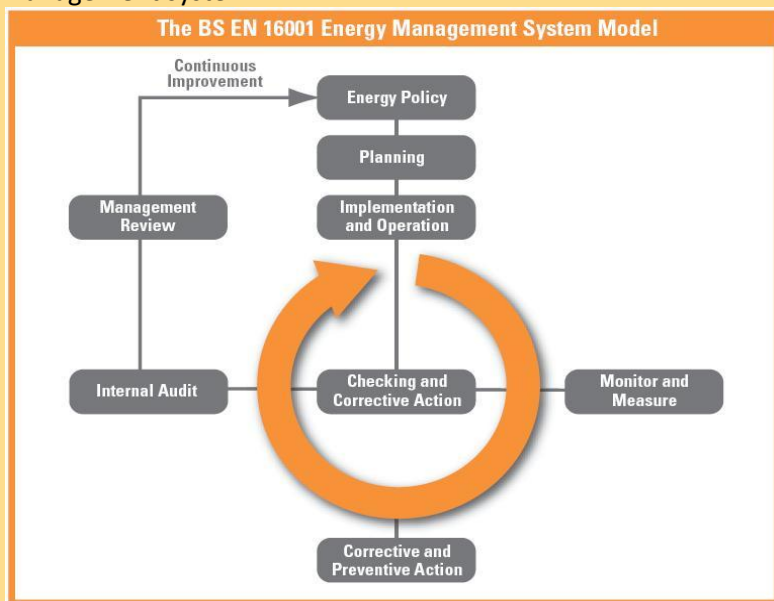
### WHAT is BS EN 16001:2009 Standard?

The European Standard for Energy Management (BS EN 16001:2009) provides the most robust framework for optimizing energy efficiency in organizations. The standard provides a comprehensive set of controls designed to help organizations establish the systems and processes necessary to improve energy efficiency. BS EN 16001 provides a structure for continuous improvement of an organization's energy efficiency and sustainable use.

It is a framework for the systematic management of energy as well as enhancing energy efficiency. An EnMS can cut costs and reduce carbon emissions providing a competitive advantage. BS EN 16001 represents the latest best practice in energy management, specifying the requirements for an EnMS to enable the organization develop and implement a policy, identify significant areas of energy consumption and target energy reductions. The aim of the standard is to put practices in place that are effective, and result in measurable energy savings. In practice, an effective energy management system should result in organizations taking action to improve energy efficiency, continual improvement year-by-year and an improved performance in energy usage, thorough analysis of areas with potential for energy saving being carried out.

Energy management is one of the most effective measures that business can take to reduce operational costs, improve its competitiveness and demonstrate to industry that it is operating in a sustainable way. A key way to achieve this is through implementation of an energy management system framework based on standardized best practice such as BS EN 16001.

It is intended to apply to all types and sizes of organizations and can be used independently of, or integrated with, any other management system.



Providing BS / EN 16001 consulting, Training and Certification facilitation services across the world.



### BS EN 16001 applies to any organization that wishes to:

- Improve energy performance in a systematic way
- Establish, implement, maintain and improve an energy management system
- Ensure that it conforms with its stated energy policy
- Demonstrate such conformance to others
- Seek certification of its energy management system by an external organization
- Make a self-evaluation and self-declaration of conformance with the standard.

### Key elements for implementing BS EN 16001:2009 EnMS:

- Energy policy statement
- Identification of significant energy aspects
- Establishment of energy objectives & targets
- Implementation plan to meet energy objectives & targets
- Identifying competence and training requirements
- EnMS Documentation
- EnMS Internal audit
- Management review

### Benefits of BS EN 16001

- Save money and reduce costs through energy efficiencies
- Comply with legislation and meet stakeholder expectations
- Support sustainable development policies
- Enhance the reputation of your business and win more customers
- Enhanced marketing capabilities. Make your business stand out.
- Continual improvements on energy performance.
- System Compatibility- can be integrated with existing management system



### Summary of BS EN 16001:2009 EnMS:

Effective energy management is crucial for the success of any business. For many, the answer is an Energy Management System (EnMS) – a BS EN 16001:2009 framework for the systematic management of energy.

BS EN 16001 is based on a methodology known as plan-do-check-act. The requirements necessary to implement the standard include:

**Plan:** Identify energy aspects and legal obligations; establish energy objectives and targets.

**Do:** Assign resources and responsibilities; raise organizational awareness and provide training; communicate internally and externally; establish documentation; implement operational controls.

**Check:** Establish the monitoring of energy management programs; evaluate compliance with legal obligations; identify and manage non-conformance; control records; carry out internal audits of the energy management system.

**Act:** Review of energy management systems by management resulting in potential changes.

The management system format of plan-do-check-act is designed to ensure that BS EN 16001 can be used by any organization. The requirements of the standard can also be aligned with those of other management systems such as quality and environment.



What we do today, right now, will have an accumulated effect on all our tomorrows. - A. Stoddard

BS EN 16001 will help your business establish the systems and processes necessary to improve energy efficiency. This will help to save money and reduce greenhouse gas emissions through systematic activities related to the technical stages and the processes of the BS EN 16001 system include:

- Data collection – of energy use and the factors that drive it.
- Understanding of the energy requirements for significant energy users.
- Setting objectives and targets, the use of energy performance indicators (EPIs)
- Register of energy saving opportunities – established and prioritized
- Monitoring and measuring energy usage - to review and modify the system.
- Management review - for assessing overall performance and recommendations

The management system provided for EN 16001:2009 and associated guidance should be considered as a support tool to assist implementation of energy management and cost reducing programmes. This technical guideline outlines methods of how to establish, operate and maintain these programmes. Organizations may then consider applying for certification to BS EN 16001:2009.



### What does Lakshy Management Consultant Pvt. Ltd. offers for BS EN 16001:2009 Certification

We the “Lakshy Management Consultant Pvt. Ltd” are a team of highly skilled and qualified consultants and trainers having vast industrial experience. We partner organizations across the world to implement and achieve BS EN 16001:2009 certification. Our consulting approach is highly professional, time bound and effective resulting in ease of implementation and adds value to the business processes of the client organization. We provide BS EN 16001 EnMS training, consulting, implementation and certification services in India, USA, UK, Saudi Arabia, UAE, Europe and African countries.

Lakshy offers comprehensive services that will help you to achieve BS EN 16001:2009 certification. We provide assistance to

- Thoroughly review organization’s existing energy management practices and programme (gap analysis).
- Identify applicable legal requirements.
- Establish energy policy and objectives.
- Develop energy management system programme.
- Identify EnMS documentation requirements.
- Train personnel.
- Implement new programs such as internal audit and management review.
- Help you seek certification for BS EN 16001:2009.

In addition to consulting (online & onsite), we provide following training:

- BS EN 16001 overview training
- BS EN 16001 for the SME
- Developing BS EN 16001 documentation
- BS EN 16001 internal auditor training



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Contact us at [info@lakshy.com](mailto:info@lakshy.com) to get your organization BS EN 16001 certified.