



**BUREAU  
VERITAS**

## Bureau Veritas Certification Services

# ISO 50001: ENERGY MANAGEMENT SYSTEMS

*Manage energy and cut costs and emissions.*

## BUSINESS CHALLENGE

Energy has become a key metric for companies. Saving energy means saving operational costs. Energy consumption also implies reducing greenhouse gas emissions and demonstrating greater care for natural resources. These are tangible actions for companies looking to enforce and contribute to sustainable development.

Energy intense industries and other sectors can achieve significant improvement in their energy use, optimizing their consumption and using more renewable energy.

## SOLUTION

### What are Energy Management Systems (EnMS) and their payback?

Management Systems provide continuous improvement in the fields of Quality, Environment and Safety. This concept has now been applied to improve energy use.

ISO 50001 is the new global standard for Energy Management with requirements for

- Establishing an energy policy with concrete objectives to improve energy efficiency;
- Setting a baseline of energy uses, identifying critical areas and understanding influential elements on energy use;
- Maintaining a periodic forecast of energy use, allowing visibility to plan investments and improvements;
- Considering energy consumption in the decision process for design and procurement of all equipment, raw materials or services.

ISO 50001 can be easily integrated into existing Quality, Safety and/or Environment Management Systems, for all types of organizations aiming to monitor and improve their energy efficiency. Several management systems can be audited during the same audit, optimizing costs.

### What are the key benefits of our Energy Management System services?

- Bring experts in-house to review the compliance of your management system and its efficiency
- Ensure improvement of your team's practices in managing energy use, motivate them for audits
- Prove your commitment to Sustainable Development with the contribution of an independent expert

## WHY CHOOSE BUREAU VERITAS?



- **Pioneer in Energy Management Systems** - ISO 50001 is based on standards for which Bureau Veritas Certification is accredited by DANAK for DS2403:2001 in Denmark and SWEDAC for SS627750:2003 in Sweden.
- **Leader in Sustainable Development Certification** - Bureau Veritas Certification is a leading certification body in Sustainable Development schemes, with expertise in environmental preservation and social accountability.
- **Network** - A global presence in more than 100 countries means clients benefit from both international expertise and in-depth knowledge of local standards.
- **Mark of global recognition** - The Bureau Veritas Certification mark is a globally recognized symbol of your organization's ongoing commitment to excellence, sustainability and reliability.

## RELATED SERVICES

Bureau Veritas Certification offers other services related to corporate social responsibility and sustainable development such as:

- Management system certifications for example ISO 9001, ISO 14001 or OHSAS 18001
- Assurance of Sustainable Development
- Verification of declarations of emissions following ISO 14064
- Social Accountability



## OUR APPROACH

### 1- Training programs

Understand the requirements of the standard in order to start implementation of the practice. Bureau Veritas has developed the following training programs:

- 1-day course: discovery of the standard to understand basic requirements
- 2-day course: systems performance training with examples to guide your practice
- 3-day auditor lead training program: aimed at the personnel in charge of the energy practice (including internal auditors), as well as consultants and certification auditors

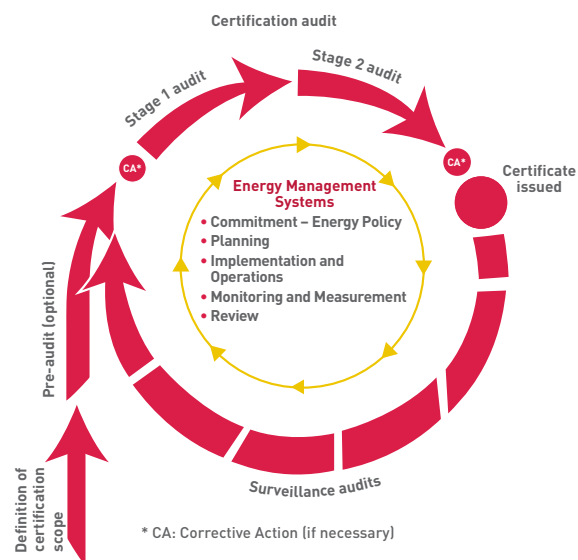
### 2- Gap analysis audits

To assess the readiness and completeness of your management systems, gap analysis audits can be performed by our auditors. The interest lies in identifying opportunities to improve your practices, and prepare for certification.

### 3- Certification

Prove your compliance to the standard and the efficiency of your practice as well as enabling energy savings and optimizing your energy use. Certification is the common practice for companies that would like to mature in their energy management and willing to keep regular forecasts to continuously improve.

- Definition of certification scope
- Certification audit performed in 2 stages:
  - Stage 1 – readiness review performed to verify that the organization is ready for certification
  - Stage 2 – evaluation of implementation
- A certificate, valid for 3 years, issued upon satisfactory results of the stage 2 audit
- Surveillance audits to verify that the management system continues to fulfill the requirements of the standard and to monitor continual improvement
- Re-certification after 3 years to confirm the continued conformance and effectiveness of the management system as a whole



## FAQ

### ISO 14001 or ISO 50001?

ISO 14001 addresses energy as part of the use of natural resources and environmental impact, amongst requirements to manage environmental impact.

Both standards have a similar result: reduced environmental impact, yet they have different objectives, paths, requirements and benefits. ISO 50001 is focused more on the optimization of consumption leading to financial savings.

An organization can be certified to ISO 50001 without having an ISO 14001 management system.

## CONTACT

For details about this service, please contact Bureau Veritas Certification

- By phone: +33 (0) 1 55 24 70 00
- By e-mail: [certification.contact@bureauveritas.com](mailto:certification.contact@bureauveritas.com)

## FOR MORE INFORMATION

please visit:

- [www.bureauveritas.com/scs](http://www.bureauveritas.com/scs)