



Add value.
Inspire trust.

ISO 50001 – Energy management systems

Reducing energy costs for competitive advantage

Your challenges

Organisations the world over are facing rising energy prices, which represents one of their biggest single cost items. This comes at a time of increasing competitive pressure, which is forcing companies to find new ways to reduce their total overheads. Additionally, the greenhouse gas emissions produced by organisations are a growing concern, and they must comply with the demands of an evolving regulatory landscape. In light of these developments, organisations must find ways to manage energy use by objectively evaluating their energy consumption, while at the same time communicating energy management efforts to an increasingly environmentally conscious public.

What is ISO 50001 – Energy Management Systems?

ISO 50001:2018 is a voluntary international standard that gives organisations a way to systematically establish an Energy Management System (EnMS). First published in

2011, a revised edition of the ISO 50001 energy management system standard was released in 2018.

Why is ISO 50001 important to your business?

ISO 50001 enables organisations to systematically optimise energy performance in all processes, and is suitable for every type of company, regardless of their size and industry. This includes industrial plants, as well as commercial and institutional buildings. The ISO 50001 EnMS framework is widely known to improve bottom lines through systematic, data-driven and fact-based processes for improvements in energy efficiency and consumption, while enhancing a company's reputation and environmental performance. The successful implementation of an EnMS offers measurable cost benefits as it improves energy performance, reduces energy consumption and/or increases energy efficiency. By demonstrating how energy is consumed throughout your value chain, your business can achieve greater transparency and promote best practice in energy management.

How can we help you?

An internationally accredited Certification Body, TÜV SÜD provides the expertise and experience to assess your organisation to the requirements of ISO 50001. Before the certification audit take place, the management system must be implemented, and its effectiveness documented against compliance requirements.

GET STARTED

Become familiar with ISO 50001 objectives

Identify gaps against relevant requirements

Outline and implement necessary measures

Document effectiveness and compliance

TÜV SÜD facilitates an efficient process for organisations which are approaching the ISO 50001 certification process.

CERTIFICATION PROCESS

Stage 1 audit: Readiness review

Stage 2 audit: On-site

Your organisation identifies and implements measures to correct the root cause of any nonconformances identified by the audit

Issuance of ISO 50001 certificate

Annual surveillance audit to maintain certificate

The TÜV SÜD certification mark



The TÜV SÜD ISO 50001 certification mark is an important part of our pledge to deliver unparalleled service quality. The mark equips your business with a powerful demonstration of its commitment to energy management.

Your business benefits

- **Save money** – improve energy performance and optimise energy-consuming assets.
- **Achieve world-class standards** – implement an EnMS which enables you to benchmark, measure and report energy efficiency improvements.
- **Improve transparency** – with detailed energy flows and consumption pattern analysis, allowing you to demonstrate how energy is used throughout your value chain and communicate energy management efforts.
- **Gain a competitive edge** – confirm your commitment to energy efficiency with a third-party certification from TÜV SÜD

Why choose TÜV SÜD?

TÜV SÜD is one of the market leaders for ISO 50001 certification, as our experts possess up-to-date knowledge of the major energy and carbon management policies, regulations and requirements in markets worldwide.

TÜV SÜD's auditors hold the necessary national and international accreditations for combined auditing exercises, thereby ensuring that your ISO 50001 certification is conducted with the highest degree of professionalism and conformance to international guidelines and standards. In addition, our auditors are required to follow a strict code of conduct through Auditor Codex that assures both you and your customers of our complete independence and impartiality. Furthermore, TÜV SÜD has the broad sector expertise required to help organisations from various industries in different geographical locations to achieve compliance.

Add value. Inspire trust

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 1,000 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East and Asia. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

Related services

TÜV SÜD management system services also include:

- ISO 45001 – Occupational health and safety
- ISO 14001 – Environmental management
- ISO 9001 – Quality management
- ISO/IEC 27001 – Information security