

FAQ - ISO 50001 Certification



You are interested in a certification of your energy management according to **ISO 50001** but still have questions? In our FAQ, we have summarized and answered the most frequently asked questions for you.

1. What is ISO 50001?

ISO 50001 is a standard of the International Organization for Standardization (ISO) published in 2011. ISO 50001 was the first international standard for systematic energy management intended to help companies identify potential savings, reduce energy consumption and initiate a continuous energy-related improvement process. The ISO 50001:2018 revision further improved the structure and terminology of the standard. Like the quality and environmental management ISO standards, the energy management standard is now based on the High Level Structure (HLS). This makes it much easier for companies

to combine various standards and integrate them with systematic energy management.

2. Why is systematic energy management so important today?

Energy and commodity markets are highly globalized today. As a result, companies must now compete with energy consumers in local, national and worldwide markets. Production processes and trade are also networked across the globe, where uniform and transferable corporate standards prove to be indispensable. In addition, regulations have become stricter and public awareness

surrounding energy consumption and efficiency has increased. A holistic, continuous and internationally valid approach is needed to best address these new challenges. Systematic energy management in accordance with ISO 50001 helps to meet today's requirements for economic efficiency and sustainability and to prepare for future developments.

3. Can only certain companies be certified according to ISO 50001?

No. ISO 50001 certification is available to all companies regardless of their size or industry. The internationally valid standard covers general requirements for introducing, operating, and further developing an energy management system. You can individually integrate ISO 50001 specifications into respective processes and structures of your company.

4. What are the advantages of a certified energy management system for my company?

Systematic energy management according to ISO 50001 can offer you a whole range of advantages:

- **Detailed breakdown of energy consumption in the company**
- **Identification of potential savings in the energy sector**
- **Higher economic efficiency due to lower energy consumption**
- **Competitive advantages through higher efficiency and lower energy costs**
- **Reduction of CO2 emissions**
- **Positive image of your company with partners, customers, and the general public**
- **Stronger awareness of energy efficiency among employees and management**
- **Conformity with energy policy**

- **Systematic improvement of processes**
- **Proof for legal compensation regulations and support programs**
- **More effective planning of energy investments**
- **International recognition**

5. How exactly does the certification of the energy management system work?

Here you can see in which steps our experts carry out the certification according to ISO 50001:

1. **Information and pre-audit (optional)**
Information meeting (by telephone or in person), project meeting on site and preparation for certification, including document check
2. **On-site certification**
Readiness analysis with assessment and review of the description of the management system, review of documented processes as well as optional post-audit (review of corrective actions)
3. **Audit report and assessment**
Documentation of the audit and assessment of the management system
4. **Certificate and seal**
After successfully completing certification, you will receive your certificate and the **DEKRA test seal** (with a maximum term of three years)
5. **First surveillance audit**
A surveillance audit of the practical implementation is conducted every 12 months
6. **Second surveillance audit**
Repeated auditing of the practical implementation of the management system
7. **Recertification**
Three years after initial certification, steps 2. to 6. are repeated in the recertification audit

6. How does ISO 50001 ensure continuous improvement?

Continuity is one of the core concerns of the international standard. Therefore, with the introduction of a systematic energy management according to ISO 50001, a so-called Plan-Do-Check-Act (PDCA) principle is implemented. It is therefore not a question of recognizing and exploiting savings potential once and for all, but of a permanent optimization process. Planned measures are implemented and then regularly evaluated, reviewed, and further refined. The respective results of a PDCA run - the improvements in the technical and organizational processes - form the basis of the subsequent cycle. This ensures that energy management is always up to date and can always be adapted to new economic and legal requirements.

7. Can ISO 50001 be combined with other certifications?

Yes, the international standard can be implemented entirely according to your corporate needs. ISO 50001 can be used to either establish an independent energy management system or integrate EnMS into an already existing management system. Through a common so-called High Level Structure (HLS), ISO 50001 is compatible with environmental management according to ISO 14001 and quality management according to ISO 9001. Therefore, combined certifications according to these standards are also possible. Do you already have an ISO-certified environmental or quality management system? If so, you can introduce synergies through the combined ISO 50001 certification and eliminate additional efforts, for example in the documentation.

Do you have further questions about our ISO 50001 certification? Then contact our experts right away!

Other services from which you benefit

You can also use the DEKRA certification services according to **ISO 9001**, **ISO 14001**, **ISO 45001** to support other areas and systems. Internationally accredited for more than 40 standards, we are happy to help you quickly and easily combine desired certifications to yield optimal results.

The DEKRA Group offers you numerous services on the subject of energy:

- **Energy benchmark, e.g. industry-specific classification of your consumption**
- **Sustainability management, e.g. life cycle assessments**
- **Training and education, e.g. to become a specialist for energy management**
- **Personal certifications, e.g. for energy consultants**
- **Product testing and certification, e.g. for solid biofuels and secondary fuels**

The DEKRA seal of excellence



Signaling maximum quality and reliability – across different industries and internationally - the DEKRA seal is an excellent hallmark and marketing instrument which sets you apart from the competition. Use it to show your customers and business partners the value of what you offer. We are here to help you.

DEKRA Audits

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