

# Energy Management System ISO 50001



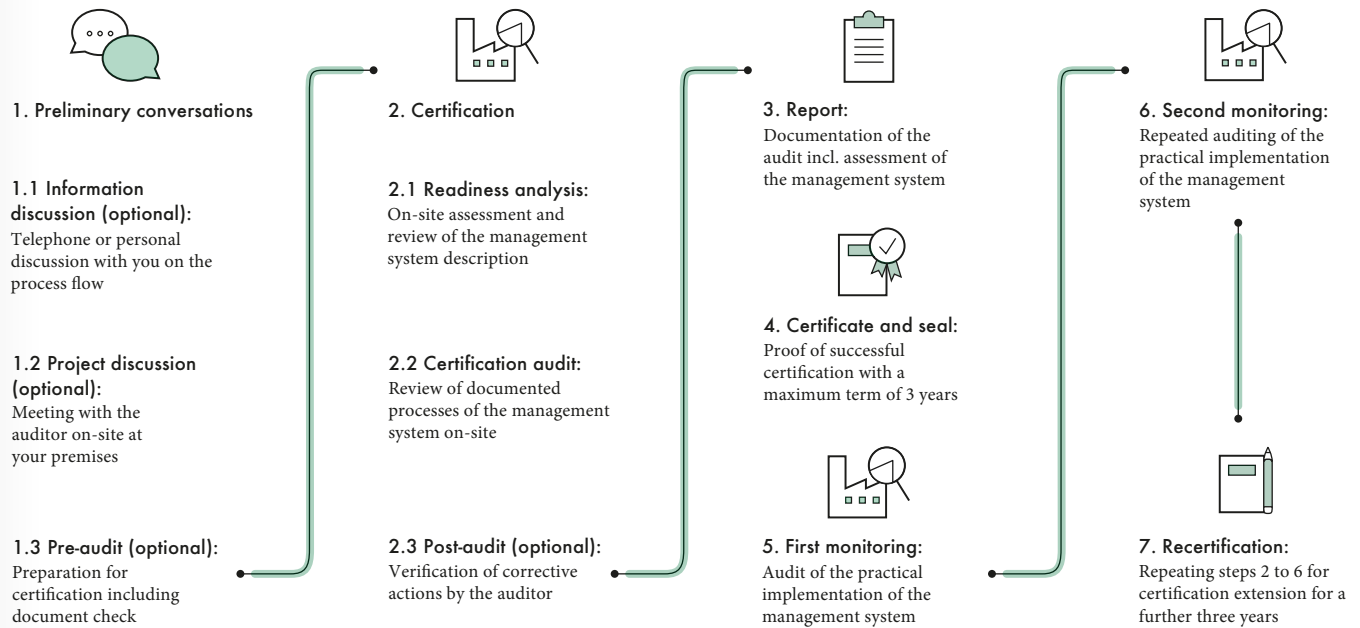
Energy consumption is becoming an increasingly important cost factor for organizations and businesses. The continuous optimization of energy consumption by means of an energy management system (EnMS) in accordance with ISO 50001 is therefore indispensable for achieving cost reduction. An energy management system is used to identify and document existing potential for improving energy efficiency and reducing costs. Company potentials are hidden in individual production processes and cross-sectional technologies. Optimizing material flows, products, processes, services and user-related behavior contributes to minimizing energy consumption. As a result, an energy management system in accordance with ISO 50001 offers insights into which measures are needed and at what cost energy can be saved. An effective EnMS serves to evaluate energy consumption throughout the company and monitor continuous improvement of energy efficiency in accordance with legal requirements.

## What is ISO 50001?

This standard describes the requirements for an energy management system that should enable companies to systematically and continuously improve their energy performance - taking legal framework conditions into account. Previous expert opinions and experience reports confirm that even small and medium-sized enterprises can regularly

realize considerable savings potentials with the help of an energy management system. Essentially based on the ISO 14001 standard, **ISO 50001** can be easily integrated into environmental management systems based on globally recognized ISO 14001 guidelines. A joint introduction of the two systems is both sensible and recommendable.

## The steps of your successful certification



## Advantages of certification according to ISO 50001

- Continuous increase in energy efficiency by actively influencing energy consumption
- Cost savings through efficient energy management
- Verified achievement of corresponding energy targets with a defined energy policy
- Systematically ensured energy use compliant with applicable laws and regulations
- Competitive advantages through proof of certificate
- Positive corporate environmental image projected to consumers, business partners and potential associates
- Subsidies according to the Renewable Energy Sources Act (EEG) and other tax concessions
- Cost advantage provided by certification combined with ISO 14001
- Proof of electricity tax refund peak compensation (SpaEfV) in Germany

Contact us for lucrative certification of your energy management system according to ISO 50001!

### 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**

**Mail [audits@dekra.com](mailto:audits@dekra.com)**

**Web [www.dekra.com/en/audits](http://www.dekra.com/en/audits)**