



## BUSINESS ASSURANCE

# ISO 50001

- demonstrate your commitment to improving energy performance

ISO 50001 is an internationally recognised energy management standard that outlines a framework for improving energy performance. Becoming ISO 50001 certified demonstrates that your organisation has a healthy energy management system aiming to save energy, cut costs and reduce environmental impact.

Effective energy management is an advantage both for your business and the environment. Through systematic examination of your energy use and consumption, you can identify areas with an untapped potential for energy reduction. Most of the energy savings is achieved through changes in how energy is managed in an organisation, rather than through installation of new technologies. ISO 50001 provides a clear management framework to continually improve energy performance.

Through independent assessment and certification DNV GL can help you tap the full energy savings potential in your

organisation. Our services give you a deep insight into and understanding of the performance of your energy management.

### What is ISO 50001?

ISO 50001 is a voluntary international standard for energy management systems and is applicable to any type of organisation - large or small - within any business sector. It specifies requirements for management practices that are important to obtain improved energy performance. The first issue of the standard was released in June 2011.

The ISO 50001 standard aims to:

- Assist organisations in improving energy efficiency, energy use and consumption.
- Create transparency and facilitate communication on the management of energy resources.
- Promote energy management best practices and behaviours.
- Assist facilities in evaluating and prioritising the implementation of new energy-efficient technologies.
- Provide a framework for promoting energy efficiency throughout the supply chain.
- Facilitate reduction of greenhouse gas emissions and other adverse impacts from energy use.

ISO 50001 is designed to be compatible and harmonised with other recognised management system standards, such as ISO 14001 for environmental management systems and ISO 9001 for quality management systems. It is therefore ideal for integrating into existing management systems and processes.

#### **Why is certification good for my business?**

Certification to ISO 50001 shows your customers, employees and stakeholders that efficient use of energy is prioritised in your organisation and that energy is managed systematically. Implementation of an energy management system can contribute to:

- Improvement of energy performance, including energy efficiency, use and consumption.
- Reducing environmental impact, including greenhouse gas emissions, without affecting operations and simultaneously increasing profitability.
- Continual improvement of the energy management systems.
- Ensuring measurement, documentation, reporting and benchmarking of energy consumption.
- Credible market communication about energy performance efforts.

#### **How can I prepare for certification?**

It is important that you and your company are committed and set clear target dates for implementation and assessment. Companies that plan well will often have an advantage and be prepared for certification. This includes:

- Analysing your energy use and consumption, and identifying areas of significant energy use.
- Identifying applicable legal requirements.
- Identifying and prioritising opportunities for performance improvements.
- Establishing objectives, targets, and improvement programmes.

One of the most important things to remember is that development, implementation, and certification of an energy management system is a continuous journey, with the certification audit representing one element of a continuous improvement process.

#### **Risk Based Certification™\* - tailored to your company's unique needs**

DNV GL's Risk Based Certification methodology provides more value to your company through focused audits. We start by asking you to identify the most significant risks to your company's sustainable business performance. In addition to measuring against the selected standard, we tailor the audit to address the identified risks. This is vital in helping you pinpoint key improvement areas.

By providing focused and structured information to top management on the organisation's ability to meet long term objectives, we offer more value than any other certification body.

#### **Why partner with DNV GL?**

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business. DNV GL is a leading provider of classification, certification, verification and training services. With our origins stretching back to 1864, our reach today is global. Operating in more than 100 countries, our 16,000 professionals are dedicated to helping our customers make the world safer, smarter and greener.

As a world-leading certification body, DNV GL helps businesses assure the performance of their organizations, products, people, facilities and supply chains through certification, verification, assessment, and training services. Partnering with our customers, we build sustainable business performance and create stakeholder trust.

\*Risk Based Certification is a registered EU trademark of DNV GL AS.

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