



UNI CEI EN ISO 50001:2011 ENERGY MANAGEMENT SYSTEMS

WHO IS CONCERNED?

Any public or private company for which energy is a competitive factor as well as a significant cost can seek certification.

Although applicable to all industries, some sectors stand to benefit most from the implementation of an ISO 50001 compliant energy management system:

- Energy-intensive manufacturing (chemicals, building materials, food, glass, metals, paper, etc.);
- Public administrations with an active Sustainable Energy Action Plan;
- Electric service companies;
- Energy production and distribution;
- Facility management;
- High-volume retail, transport and logistics;
- Business networks/ industrial districts.

FRAMEWORK

Energy represents an increasingly considerable cost to private and public organisations, and fluctuations in energy prices have become a factor of instability for many industries. In addition, the cost of energy in Italy is well above the mean average of that of other countries. In this context, it is vital to effectively manage energy consumption and keep it under control in order to remain highly competitive in an increasingly complex market.

At the regulatory level, the European Energy Efficiency Directive and recent national and international technical standards embody a constantly changing legal environment. This trend includes the Italian ministerial decree of 28 Dec. 2012 that grants ISO 50001-certified companies direct access to the white certificates scheme and the European directive, which organises incentives to promote such systems both with SMEs and energy-intensive companies.

OUR SERVICES

Certiquality is the first entity in Italy to have been accredited for the certification of energy management systems. Certification against the UNI CEI EN ISO 50001:2011 standard is performed by highly qualified personnel that evaluates in detail whether a company has correctly identified every energy-saving opportunity in order to reduce costs and greenhouse gas emissions to the maximum.

YOUR BENEFITS

- ✓ Generate significant energy savings and cost reductions by highlighting saving opportunities and keeping energy consumption under control;
- ✓ Gain a systematic model for the procurement of Energy Efficiency Credits;
- ✓ Comply with the obligations of energy-intensive companies under the new European Energy Directive (energy audits or ISO 50001-certified management system);
- ✓ Gain a better understanding of your energy system;
- ✓ Involve and educate your staff, stakeholders and shareholders in energy strategies for businesses, highlighting your commitment to reducing your energy consumption and mitigating its environmental impact;
- ✓ Sensitise your customers and suppliers to energy issues;
- ✓ Reduce your environmental footprint and contribution to climate change and communicate on your efforts;
- ✓ Familiarise yourself with standard and tested methods of energy control issues.

OUR REFERENCES

Here are some of the organisations which have turned to Certiquality for the certification of their energy management system:

Mediamarket (Mediaworld and Saturn), SOL, Enel Distribuzione, Sea Aeroporti Milano, Manetti & Roberts.

FURTHER READING AND TRAINING

Certiquality has developed documentation to assist companies which have decided to certify their energy management system against ISO 50001:

- ✓ Conformity check-list in order to facilitate the reading and interpretation of the standard;
- ✓ Legal compliance check-list in order to easily understand and comply with applicable laws in your sector of activity;
- ✓ Guidelines for the application of ISO 15001 energy management systems to business networks, sponsored by the Italian Ministry for the Environment, Land and Sea;
- ✓ Guidelines for the application of the carbon and water footprints of products.

Training courses:

- ✓ Training course for experts in energy management according to UNI CEI 11339:2009;
- ✓ Contents of the UNI EN ISO 50001:2011 standard;
- ✓ The Initial Energy Assessment according to the ISO 50001:2011 standard;
- ✓ Evaluator of energy management systems;
- ✓ Internal auditor of energy management systems.



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