



Energy management – ISO 50001 / EN 16001

Reduce your company's energy costs by 30%!

Have you assessed how effectively your company is managing energy? Studies for German businesses*, for example, have revealed a potential to reduce energy consumption by up to 30%, with corresponding savings on costs and CO₂ emissions.

Around 10% of this potential is wasted energy that you can reclaim directly, straight away and without major investment:

- Machines are running with a non-optimal load
- Machines in manufacturing plants are no longer optimally calibrated
- Machines are run up to speed too early or operate without current production requirement
- Energy consumption in the working environment (lighting, ventilation, operation during breaks, night operation) can be optimised

The remaining amount is due to aging machines with a reduced level of energy efficiency. In this case, an energy analysis is both sensible and vital. The measures resulting from such an analysis typically indicate a return on investment within two years. And expected cost developments in the energy sector (e.g. realisation of climate goals, worldwide price development) are likely to drastically reduce this time frame in the future. Why not take action today to lay the framework for your future energy savings?

An energy management system indicates measurable energy-saving opportunities, results in targeted measures and increases the efficiency of your energy consumption – **more benefits, with fewer costs.**

We recommend the international standard ISO 50001 and the corresponding european standard EN 16001 for implementing your energy management system.

Who benefits from a certified energy management system?

- **All companies and organisations that use energy** – by recognising avoidable consumption and reducing energy costs.
- **Certain governments are planning or already granting subsidies** to support the implementation of effective energy management systems. Please check your options – you may be able to benefit from this!

How energy management system certification with GL works

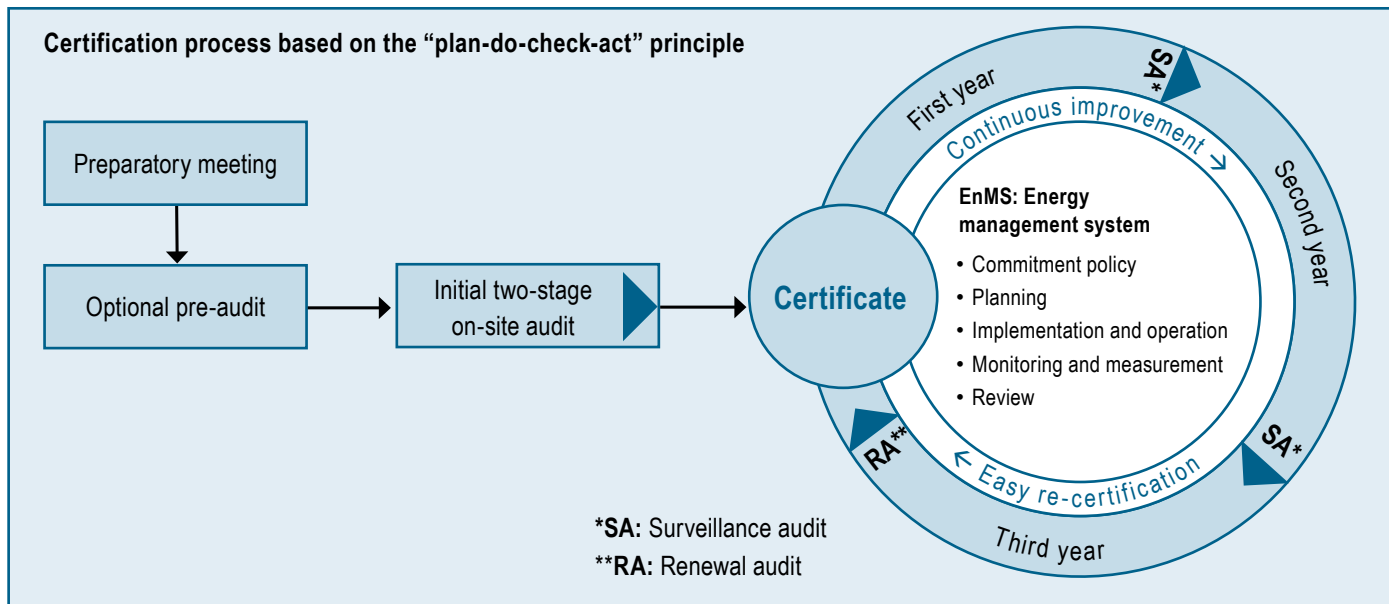
Pre-audit

Our experienced auditors evaluate your current level of energy management standards fulfilment. As a result, you will discover what remaining steps are necessary for implementing your energy management system.

Certification of energy management systems

GL certifies your energy management system according to ISO 50001 or EN 16001. We can provide either individual certification for independent energy management systems or combined certification for integrated management systems (e.g. integrated environmental and energy management systems according to ISO 14001 and ISO 50001). **This can save you both time and money.**

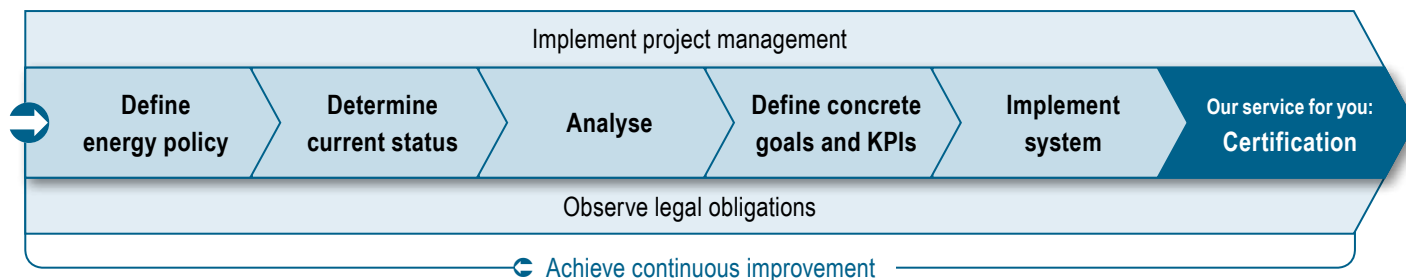
* Fraunhofer 2009 and other studies



How do you benefit from certification?

- Independent certification of your energy management system according to ISO 50001 or EN 16001 ensures that your system is appropriately implemented and demonstrates that you are committed to energy efficiency.
- The certificate from GL Systems Certification is recognised worldwide and enhances your company's image both internally and externally.
- Annual surveillance audits ensure the continual optimisation of your energy consumption and the development of your system.
- In addition, your energy management certificate will support you in realising the advantages of any applicable subsidies.

How to implement an energy management system



If you have any questions or would like to arrange a personal meeting, please contact us.

GL Systems Certification

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One-stop shopping at GL

In addition to certification, GL and its subsidiaries offer you a broad portfolio of products and services including:

Education and training (GL Academy)

Greenhouse gas services (CDM, carbon footprint, VCS)



Materials certification (Materials and Components)

Certification of wind turbines (Renewables Certification)