

The background of the advertisement is a photograph of an industrial facility. It features several large, cylindrical, corrugated metal storage tanks or silos. A complex network of pipes and walkways with railings connects these tanks. In the foreground, a large, curved, corrugated metal structure, possibly a conveyor or part of a processing line, is visible. To the right, a multi-story industrial building with a blue facade and several windows is partially visible. The sky is a clear, bright blue. The Siemens logo is positioned in the top left corner, and the main headline is overlaid on the lower half of the image.

SIEMENS

Proving the sustainability of your enterprise – with ISO 50001

A certified energy management system gives you a competitive edge and boosts your green image.

www.siemens.com/buildingtechnologies

Energy is a critical asset for all industries, but it is also a major cost factor. That's why you need smart green buildings that allow you to increase energy efficiency and enhance sustainability – for example, with energy management systems certified to ISO 50001.

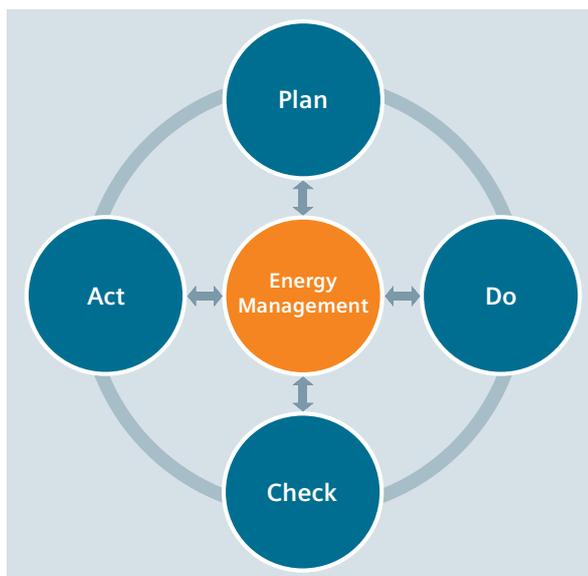
Intelligent energy management

Energy costs are continuously growing. Securing an energy supply, increasing efficiency and enhancing sustainability are becoming key issues in every industry. The answer to how to cut energy costs seems rather simple: with intelligent energy management. Green buildings consume less energy and produce fewer CO₂ emissions. On top of that, they also offer better living and working conditions for building occupants.

Increasing transparency and efficiency

Energy consumption makes up 40 percent of a building's life cycle costs. This makes your building the ideal hub for minimizing costs. An energy management system helps you identify energy saving potentials. We are your partner all along the way – from consulting, planning and implementation to evaluation and optimization. Of course, we also support you in obtaining an ISO 50001 certification.

Answers for infrastructure and cities.



The four steps of ISO 50001

Plan: Define energy performance indicators, objectives, targets and action plans.

Do: Implement the plans.

Check: Monitor and measure the success and report the results.

Act: Take actions to continually improve energy performance.

Enhancing your sustainability

To stay competitive despite rising energy costs, resources need to be used responsibly. Energy management systems monitor and evaluate energy usage. This helps you:

- identify energy saving potentials
- reduce CO₂ emissions
- document your energy awareness
- boost your green image

Why ISO 50001?

An ISO 50001-certified energy management system supports a systematic evaluation of energy consumption and the ongoing improvement of your energy efficiency by using reproducible key performance indicators. This is a prerequisite for obtaining funding and saving on tax in the European Union according to the Special Equalization Scheme (§41 EEG 2012). For example in Germany: As of 2013, companies have to prove that they are systematically conserving energy.

How ISO 50001 works

ISO 50001 follows the Plan-Do-Check-Act process. At the core of the process is the energy management system, which collects energy consumption data throughout your enterprise. Our offering includes implementing the system, analyzing the data, identifying energy saving potentials and calculating the cost benefits of appropriate measures. Of course, we also support you in realizing these measures – and in continuously monitoring the success of the actions taken.

Relying on global experience

Backed by over 100 years of experience, we are your partner for enhancing the long-term sustainability of your enterprise. Because we are present around the world, we know all the local markets and regulations. Our complete portfolio of energy services is geared to let you benefit from significant energy savings, a reliable energy supply, predictable budget planning and a green image – today and in the future.

Highlights

- Supporting ISO 50001 certification
- Identifying and documenting energy saving measures
- Benefitting from funding options and tax savings in the EU
- Increasing energy efficiency and sustainability by implementing energy saving measures
- Cutting costs and boosting a green image