A systematic approach to energy management

Ensure sustainable efficiency in your company.

Energy efficiency is increasing in importance across all sectors of industry and business. Rising energy prices and legal requirements call for systematic methods to identify and continuously exploit potential for energy saving. Such an approach can bring double benefits for companies, in the form of cost savings and reduced energy and electricity tax rates.

The tools for implementing an energy management system (EnMS) in accordance with EN 50001 are widely varied and based on proven methods such as the ‘Plan-Do-Check-Act’ cycle. The objective is the integrated, transparent and measurable mapping and control of all activities and responsibilities.

Our energy experts will support you in all aspects from drawing up your energy management policy through assessing your company’s energy efficiency, designing and developing the necessary structures and processes to energy controlling. We work with you to define savings targets aimed at improving energy efficiency. For this purpose, we develop various alternative energy schemes and carry out detailed energy and material flow analyses to identify potential areas of optimisation. We look forward to hearing from you.

TÜV SÜD services

We provide three phases of support in accompanying you towards optimised structures and processes, making you fit for the certification of your energy management system. Don’t miss out on the experience of an expert partner: TÜV SÜD

Phase 1 – Check of status & potential

- Comprehensive analysis, including identification of the degree of compliance with legal and standard requirements; alignment with existing management systems, e.g. EM, QM
- Screening analysis of energy and material flows, capturing and analysis of energy data
- Action plan for EnMS establishment and implementation and for realising potential areas of savings
Phase 2 – Customized solutions

- Establishing energy management policy, objectives, targets and programmes
- Establishment of legal requirements (legal registers) and investigation of public funding options
- Assistance with the creation of management documentation
- Identification, organisation and documentation of organisational and operational structures in a process map, including existing management systems
- Mapping/modelling of all organisational processes (e.g. production, plant design, energy purchasing, measurement of energy consumption, efficiency assessment, maintenance, energy reporting, employee training)
- Recommendation of methods and tools to measure, capture and record energy consumption data and present the facts and figures to top management

Phase 3 – Implementation & support

- Implementation of all system components
- Training and internal communication
- Preparation and carrying out of internal audits to monitor processes and workflows
- Assistance with regular management reviews
- Consulting on the continuous improvement of your energy management system

Your benefits

- Slash energy costs and strengthen your competitiveness.
- Ensure tax privileges by satisfying legal requirements with respect to energy efficiency, sustainability and climate change.
- Make your processes more transparent and ensure continuous improvement.
- Raise the energy awareness of your employees.
- Obtain a reliable partner with an excellent international reputation: TÜV SÜD.

We will be happy to inform you in more detail.
Contact us. We have international representation.