

Energy Management System



Industrie Service

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Add value.**

Energy Management System – the basis for efficient energy policy.

Energy efficiency is increasing in importance across all sectors of industry and business. Cost pressure caused by the general upward trend in energy prices and by legal requirements necessitates the introduction of sustainable operational and organisational structures. The tools for implementing an appropriate energy management system, e.g. as per European Standard EN ISO 50001, are widely varied and based on proven methods such as the 'Plan-Do-Check-Act' cycle.

As the experts at TÜV SÜD Industrie Service, we advise companies on the design of appropriate structures and processes, specialising in the field of internal energy production and use.

Our objective is to establish an integrated, transparent and measurable documentation of all activities and responsibilities from top management to employee.

We support you in drawing up your energy policy and in identifying aspects and factors of your energy needs. In addition we define savings targets to improve your 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.

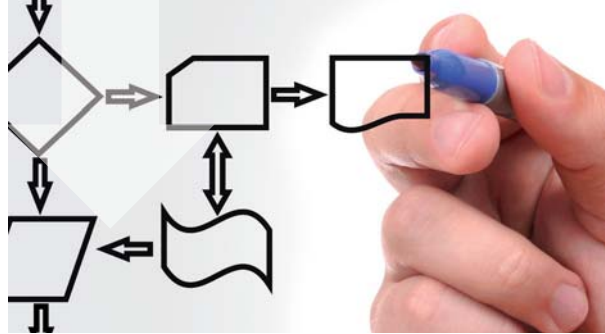
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Three stages to achieve optimised structures and processes.

TÜV SÜD services in stage 1

- Comprehensive survey including identification of the degree of compliance with legal and standard requirements; alignment with existing systems, e.g. EM, QM
- Screening analysis of energy and material flows/identification of potential for savings
- Action plan for energy management system establishment and implementation and for realising potential savings

TÜV SÜD services in stage 2

- Development of energy policy, energy aspects and energy-saving targets
- Identification, organisation and documentation of the organisational and operational structures by means of a process map including existing management systems
- Documentation/modelling of all operational processes/workflows associated with energy aspects
- Identification of legal requirements (legal register) and subsidies
- Recommendation of methods and tools to measure, record and register energy consumption and present the facts and figures to top management
- Application of measurement and surveying methods developed by TÜV SÜD to ensure continuous monitoring of consumption

TÜV SÜD services in stage 3

- Implementation of all system elements
- Training and internal communication
- Assistance with the management review at planned intervals
- Preparation and performance of internal audits aimed at monitoring processes and workflows

Your benefits

- ▶ You strengthen your competitiveness by demonstrating a certified management system.
- ▶ You save energy purchasing and consumption costs.
- ▶ You make your processes more transparent and improve them continuously.
- ▶ You comply with the legal requirements governing energy efficiency, sustainability and climate protection.
- ▶ You motivate your employees to reduce energy consumption.
- ▶ You ease your workload and that of your employees.
- ▶ You obtain a partner with an excellent international reputation: TÜV SÜD.

We will be happy to advise you in more detail. Call us! We have international representation.

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