



Energy Management System ISO 50001 & Energy Data Management

DI Dr. Rudolf Kanzian

5th International Conference for European EnergyManagers
14th - 15th May 2014, Vienna



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BERATUNG

- **Management systems**
 - Quality
 - Environment
 - Safety and Health
 - Risk
 - Energy
- **Support of external safety experts**
- **Waste Management**
- **Legal Compliance**
 - KEC-LexNews - LC-Newsletter
 - § 82b - consolidation
 - Consolidation of legal authorisations

KEC-SOFTWARE

- KEC-LexTool®
- KEC-DokuDat
- KEC-WorkFlow
- ALFA (wkoö)



TRAININGS

- **inhouse**
- **public (QM-, UM-, SM-Auditor-Training & Refreshments)**

AUDITS & BEGUTACHTUNGEN



zertifiziert gemäß EMAS, ISO 9001, ISO 14001, OHSAS 18001 & SCC



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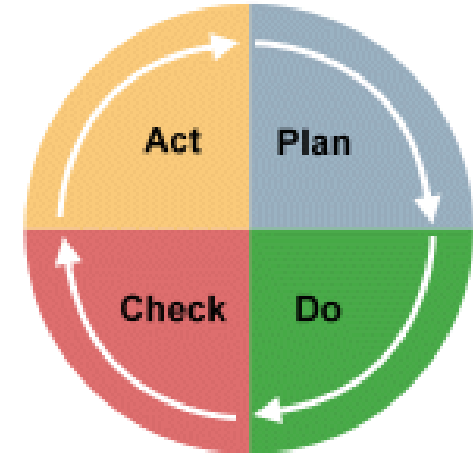
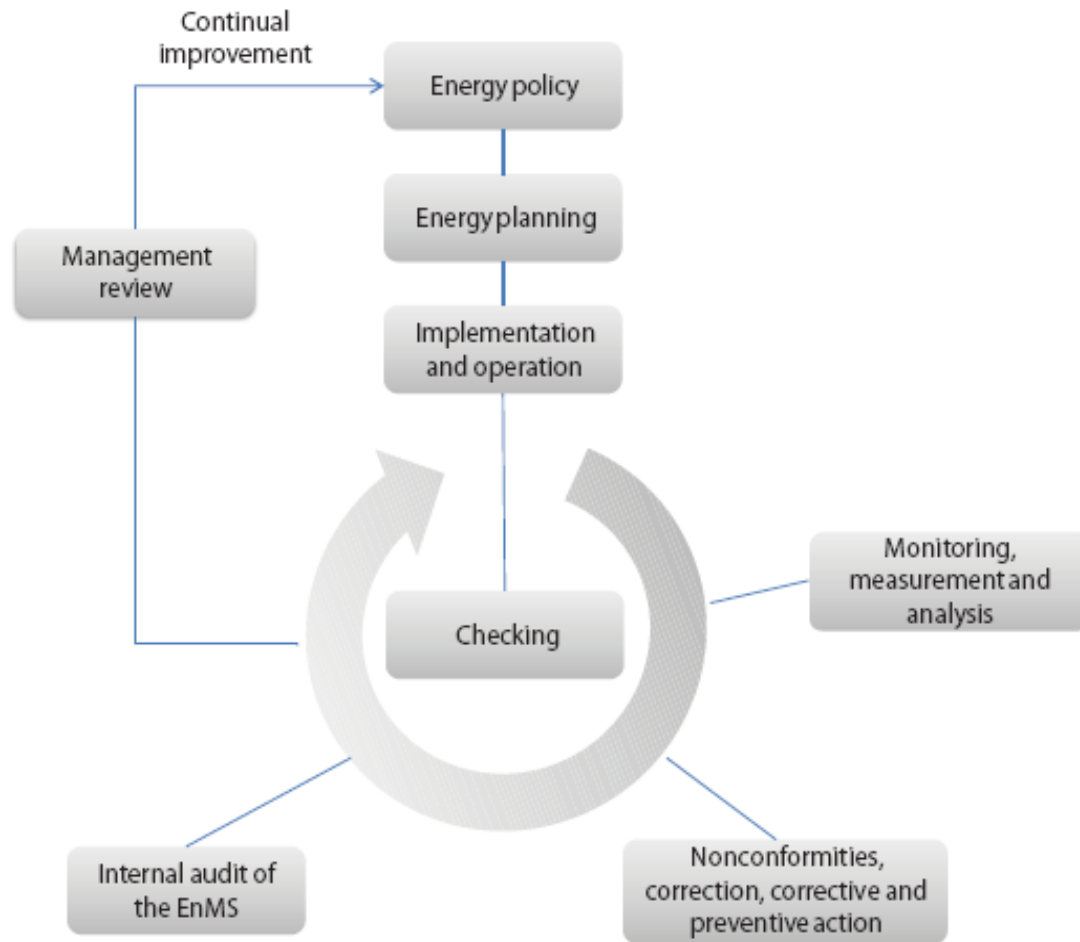


■ Purpose of EnMS

- ✓ Support the improve of all energy related performances like **energy efficiency, energy use, and energy consumption**
- ✓ **Reduction** of operating costs and reduction of CO₂ emissions and other greenhouse gases



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■ Requirements of an EnMS

- ✓ Define **responsibilities** and **authorities**
- ✓ Establish a **energy policy**
- ✓ Establish **objectives, targets** and **action plans**
- ✓ **Competence, training** and **awareness**
- ✓ **Communication**



■ Requirements of an EnMS

- ✓ Documentation and the control of documents
- ✓ Operational control
- ✓ Procurement of energy services and equipment
- ✓ Measurement, Analysis and internal Audits
- ✓ Communication
- ✓ Management Review



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■ Requirements of an EnMS

✓ Legal Compliance

- applicable **legal requirements** and
- other requirements

✓ Evaluation of compliance with legal requirements



■ Requirements of an EnMS

✓ Energy Review

- Analyse energy use and consumption
- identify the systems and processes that significantly affect energy use and consumption
- Identify, prioritize and record opportunities for improving energy performance.

✓ Energy Baseline



Thank you for your attention!

DI Dr. Rudolf Kanzian

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