

b.ssec

- ISO 50001
- **ENERGY MANAGEMENT SYSTEM (EnMS)**
- **SOLUTIONS**
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Introduction

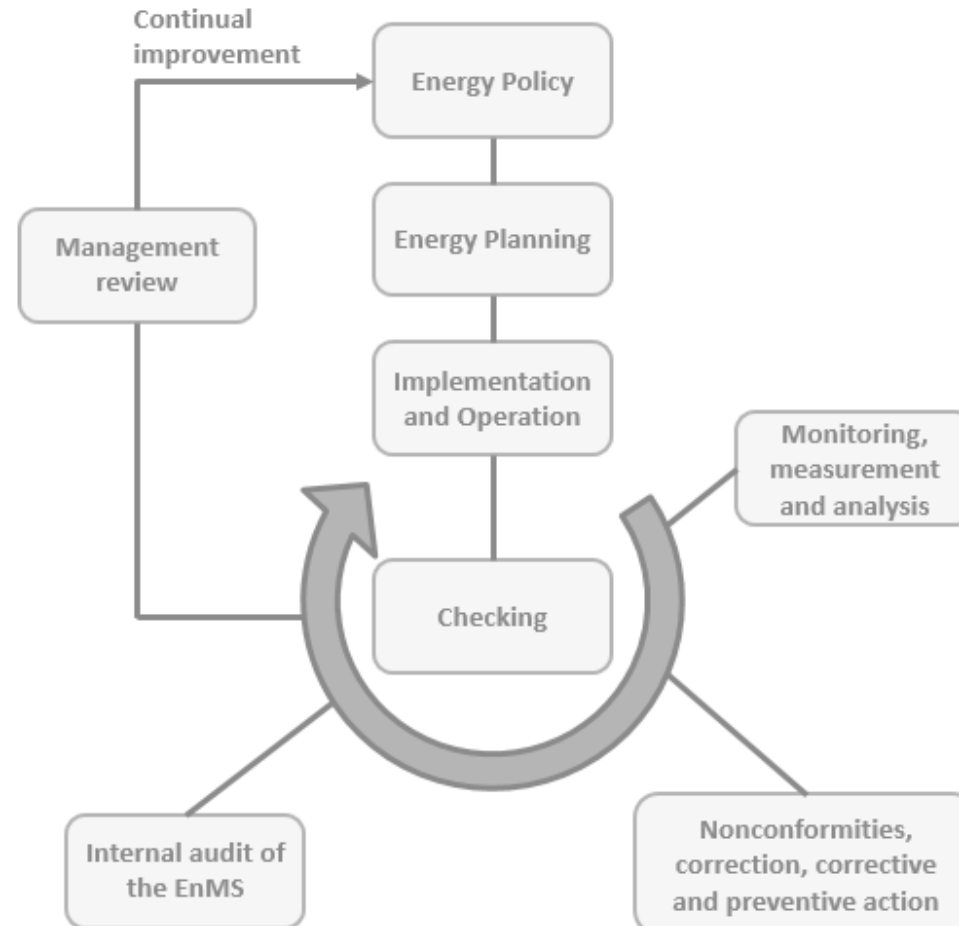
1. ISO 50001 Requirements
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3. EnMS Planning
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5. EnMS Baseline
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1. ISO 50001 – Key Requirements

The key requirements of ISO 50001 can be summed up into the following key documents and processes;

- Energy Policy
- Energy Planning
- Energy Review
- Energy Baseline
- Energy Performance Indicators
- Documentation
- Implementation
- Management Review
- Audit and Certification



2. BSSEC ISO 50001 – Solutions



Offer

- Energy Policy
- Energy Planning
- Energy Review
- Energy Baseline
- Performance Indicators

Responsibilities

- Documentation
- Implementation
- Management review
- Internal Audit

Responsibilities

- External audit
- Certification
- Surveillance visits



3. EnMS Planning

Requirement

Establishing an energy plan that considers inputs, scope of energy review and outputs as a planning process – BSSEC interpretation

Our Service

Set planning inputs

- Past and present energy use
- Determine variables
- Establish the scope of energy review

Set planning outputs

- Energy baseline
- EnPI's
- Objectives and Targets
- Action plans

Deliverable

Energy Planning Documentation



4. EnMS Review

Requirement

Determination of organisations energy performance based on data and other information leading to identification of opportunities for improvement

Our Service

- Analyse energy use and consumption
- Identify areas of significant use and consumption
- Review legislation impacts
- Provide energy audits to BS EN 16247 and EPC's if needed
- Identify opportunities for improving energy performance
- Suggest energy saving targets

Deliverable

EnMS Review document



5. EnMS Baseline

Requirement

Quantitative reference(s) providing a basis for comparison of energy performance

Our Service

- Review energy trends
- Consider energy baseline
- Set appropriate energy baseline
- Establish variables for tracking
- Establish energy savings protocol
- Consider targeting and future projections

Deliverable

EnMs Baseline documentation



6. Energy Performance Indicators (EnPI's)

Requirement

Energy performance indicator EnPI - quantitative value or measurement of energy performance as defined by the organisation.

Our Service

Establish EnPI's that communicate performance to stakeholder groups including:

- Investors
- Top management
- System implementer
- Auditors

Deliverable

EnPI's documentation



7. EnMS Policy

Requirement

Statement by the organisation of its intentions and direction of an organisation related to its energy performance as formally expressed by top management.

Our Service

- Seek to understand the organisational policy objectives
- Prepare suitable policy document
- Present to board for sign off
- Prepare supporting documentation and action plans

Deliverable

Policy documentation



8. Next Steps – Gap Analysis

Gap Analysis

BSSEC can undertake a gap analysis to help you determine the likely workload and timescale for implementing an EnMS that will achieve ISO 50001 certification.

Get a Quote

We'll give you a clear indication of the costs of gaining and maintaining certification.

You can contact our team who will be happy to help you on 07815 82 44 62 or email

paul@bssec.co.uk



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Thanks for your time.



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