MERCURY

Energy Management System (BS EN 16001/ISO 50001 Development and Implementation) Conference

19 – 23 September 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
Istanbul - Türkiye: +90 539 599 1206
Amman - Jordan: +962 79 712 3347

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Ref: 8081_261049 **Date:** 19 – 23 September 2027 **Location:** Cairo (Egypt) **Fees:** 3500 Euro

Introduction

Energy and carbon management are essential aspects of successful organizational management. Using energy resources is fundamental to our outcomes; however, more time is needed to manage and control, even though pressures are ever-present, to reduce organizational costs and resource usage, plus minimize perceived environmental impact.

The energy management system is relatively simple and easy daily once the necessary practices and methodologies suitable for the organization have been learned and applied.

Understanding BS EN 16001 and ISO 50001

The BS EN 16001 and ISO 50001 standards represent critical frameworks for establishing, implementing, maintaining, and improving an Energy Management System. ISO 50001 and BS EN 16001 energy management system conference standards are designed to help organizations systematically improve energy performance, including energy efficiency, energy use, and consumption.

Understanding the meaning of ISO 50001 is vital for professionals aiming to be ISO 50001 certified. The importance of ISO 50001 lies in its ability to guide businesses in becoming more energy-efficient, which is beneficial for cost-saving and imperative for environmental sustainability.

Enhancing Organizational Performance through ISO 50001

What are the purposes of ISO 50001 energy management systems? The ISO 50001 energy management system conference is a standard that provides organizations with a structured framework to manage energy effectively and sustainably.

This energy management system workshop will explore the core elements of ISO 50001 energy management and how its adoption can significantly enhance organizational performance. Participants will explore how being ISO 50001 certified can testify to a company's commitment to energy efficiency and environmental stewardship.

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Targeted Groups

- Operational Managers.
- Design Managers responsible for New Facilities.
- Project Managers.
- Facilities Managers.
- Persons keen to improve the environmental performance of their organization.

Conference Objectives

At the end of this ISO 50001 and BS EN 16001 energy management system conference, the participants will be able to:

- Understand where energy resources come from.
- Identify energy 'Waste.'
- Gain expertise in managing the resource once it comes on-site.
- Enroll all organizational colleagues in the day-to-day management of energy resources.
- Demonstrate the best practices to all parties Customers and Suppliers.

Targeted Competencies

At the end of this ISO 50001 and BS EN 16001 energy management system conference, the participants will be able to:

- Understanding the process of Energy Management.
- Learning about the International Energy Management Standard ISO 50001.
- Reducing the operational costs, Carbon footprint, and Environmental Impact.
- Networking with others wishing to take control of this aspect of their organization.
- Learn from an international Energy Management practitioner.

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Conference Content

Unit 1: Energy Overview

- Energy and the Environment.
- Energy laws, regulations, and procedures.
- Energy Language.
- Carbon Emissions.
- Energy Standards.
- Energy applications.

Unit 2: Energy Data and Management

- Invoices.
- Metering.
- Data manipulation and interpretation.
- Management output.
- Using data.
- Evaluation of Management Competency.

Unit 3: Energy Auditing/Review

- Auditing process.
- Simple Auditing.
- Management Auditing.
- Detailed Auditing.
- Process Assessment.
- Equipment and Activity Assessment.

Unit 4: Monitoring and Targeting

- Using raw data.
- Establishing connections with activity levels.
- Benchmarks/KPIs.
- Regression Analysis and CuSum.
- Establishing budgets and targets for consumption.
- Automatic Monitoring and Targeting/Reporting.

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Unit 5: People Power

- Sources of help and guidance.
- Enrolling staff members.
- Making Policy and Strategy Work.
- Partnerships.
- Information/communication.