

Survey Pilot on Management System Standard for Energy

- Use of NCCC Platform

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UNIDO Survey on MSE in Industry

Purpose

- To raise awareness of industry on MSE and its implications
- To offer industry in developing and emerging countries a coordinated avenue to inform and contribute to the MSE development work of ISO PC 242
- To inform national policy-makers, standards authorities and industry associations in the design of their IEE programs, development policies, business plans and services
- To provide inputs to the design of UNIDO IEE technical cooperation programme and projects



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Benefits of an MSE standard

- Provide organisations with a well-recognized framework for integrating energy efficiency into their management practices
- Offer organizations with operations in more than one country a single, harmonized standard for implementation across the organization
- Provide a logical and consistent methodology for identifying and implementing improvements that may contribute to a continual increase in energy efficiency across facilities
- Assist organizations to better utilize existing energy consuming assets, thus reducing costs and/or expanding capacity



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Benefits of an MSE standard

- Offer guidance on benchmarking, measuring, documenting, and reporting energy intensity improvements and their projected impact on reductions in GHG emissions
- Create transparency and facilitate communication on the management of energy, promote energy management best practices, thus reinforcing the value of good energy management behaviours
- Assist facilities in evaluating and prioritizing the implementation of new energy-efficient technologies
- Provide a framework for organizations to encourage suppliers to better manage their energy, thus promoting energy efficiency throughout the supply chain
- Facilitate the use of energy management as a component of GHG emission reduction projects.



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Development process

- March 2007 - Idea of a study on energy management practices and issues in industry in developing and emerging countries
- September 2007-April 2008 - Identification and definition of scope and modalities of execution through consultations with different stakeholders groups from developing, emerging and developed countries
- May-June 2008 - Development of 1st version of the UNIDO Survey on MSE in Industry
- July-August 2008 - Testing of UNIDO Survey in Singapore



UNIDO Survey on MSE in Industry

Scope of the Survey in Industry

- A. Energy Management Practices
- B. Perceived Needs for Increased Efficiency & Energy Management
- C. Existing and Perceived Barriers to Energy Management System Standard (MSE) Implementation
- D. Conformity Assessment
- E. How to Best Support Industry with Implementation of MSE
- F. Recommendations to ISO Project Committee 242 – Energy Management



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Scope of the Survey in Industry

- A. Energy Management Practices
 - I. Energy Planning
 - II. Energy Monitoring and Process Control
 - III. Energy and Equipment Procurement
 - IV. Performance and Management Review
- B. Perceived Needs for Increased Efficiency & Energy Management
- C. Existing and Perceived Barriers to Energy Management System Standard (MSE) Implementation



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