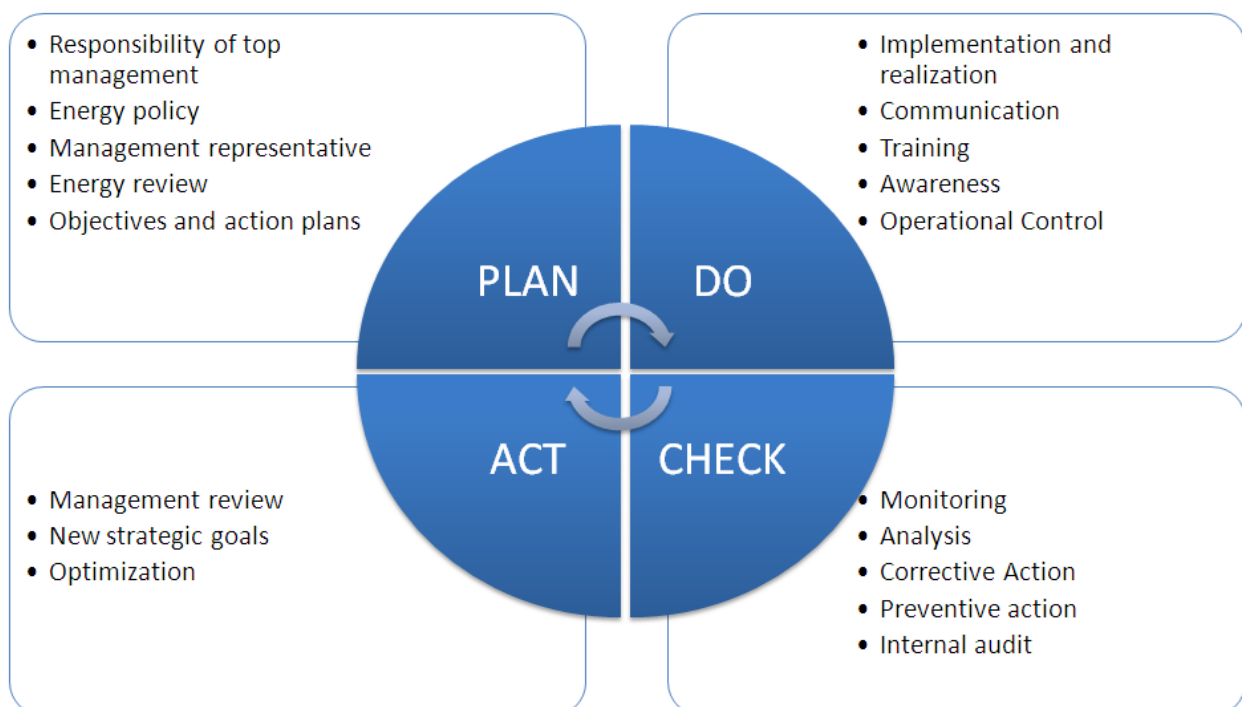


ISO 50001:2011

Energy Management System Standard

What is ISO 50001 Energy Management System?

ISO 50001 is an international standard for **Energy Management Systems** which was issued for the first time in June 2011 to help organizations reduce their energy consumption, save money as well as helping to conserve resources and tackle climate change. It is based on the continual improvement model, known as Plan-Do-Check-Act (PDCA).



The following steps need to be undertaken:

- **Plan:** conduct the energy review and establish the baseline, energy performance indicators, objectives, targets and action plans necessary to deliver results that will improve energy performance in accordance with the organization's energy policy;
- **Do:** implement the energy management action plans;
- **Check:** monitor and measure processes and the key characteristics of operations that determine energy performance against the energy policy and objectives, and report the results;
- **Act:** take actions to continually improve energy performance and the Energy Management System (EnMS).

Implementation of ISO 50001 is intended to lead to reductions in greenhouse gas emissions and other related environmental impacts and energy cost through systematic management of energy. Successful implementation depends on commitment from all levels and functions of the organization, and especially from top management.

How to establish an ISO 50001 Energy Management System?

To meet the requirements of ISO 50001 an organisation must:

- Implement and maintain a process to identify and quantify an organisation's activities that use energy and assess their current energy profile and baseline of performance;
- Establish a specific energy policy with clear objectives and a programme to achieve these;
- Ensure for documents and records control;

- Maintain processes to ensure applicable legislation is identified, communicated within and compliance assessed;
- Resource roles and responsibilities with regard to direct and indirect energy usage within the organization;
- Maintain good operational control in relation to energy usage and future consumption;
- Monitor and measure the energy management systems performance as well as energy usage and related factors;
- Apply energy management principles across all functions, from design, procurement through to operations;
- Audit the system and review the system at a management level periodically.

Your Support is certainly vital through:

- 1.** Finding opportunities to save energy;
- 2.** Providing Feedback to the Energy Champion, as it is an essential element in effective implementation of our Energy Management System (EnMS);
- 3.** Engagement by adapting the basic principles of ISO-50001 standard to our business;
- 4.** Considering what does our Energy Policy means to your Job;
- 5.** Sharing knowledge between the airport community;

Suggestions for Energy Saving



Suggestion/Request: _____

Date of Suggestion: _____

Suggestion submitted by: _____

Area/Department: _____

Phone Number: _____

Email Address: _____

Request Directed to: Theocharis Petrides - theocharis.petrides@hermesairports.com

Response to your request:
