

ISO 50001 Energy Systems Management Implementation



The knowledge and experience in energy facilities acquired by CIRCE's team for more than 25 years are at your disposal for the advice and preparation of your company in the implementation of an Energy Management System.

Main Objective

Provide the Organization with an structure and procedures required to improve the energy efficiency of its facilities and reduce the cost of energy billing.

The implementation of the system helps to define the necessary procedures to understand the use of energy, start-up plans, the objectives and the energy efficiency indicators.

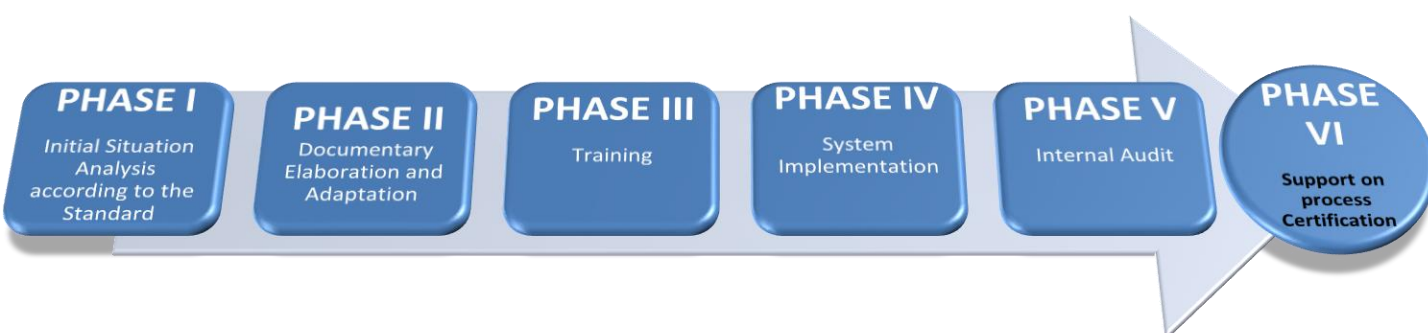


Implantation Benefits

- ① **ECONOMIC:**
 - ✓ Energy costs reduction.
 - ✓ Time reduction on information management.
 - ✓ Process improvement.
- ② **ENVIROMENTAL AND EFFICIENCY:**
 - ✓ Reduction of the specific consumption.
 - ✓ Reduction of CO₂ emissions.
- ③ **CORPORATE IMAGE AND STANDARDS:**
 - ✓ Improvement of Corporate Social Responsibility (CSR).
 - ✓ Compliance with legal requirements in energy and environment.

Although an energy management system assumes an initial cost, it quickly generates a decrease in production costs, which will allows to achieve systematic savings between 5% and 30% of the energy cost. (Source: ISO)

Certification Phases



Aspects of Interest

Application level:

- ✓ Applicable to all kind of companies independently of its size, activity or sector.

Integration with other management standards:

- ✓ ISO 50001 is aligned with other standards such as ISO 9001 e ISO 14001. This aspect makes easier to implement it.

Requirements:

- ✓ It does not stablish objectives, the organization defines them, nor the way to carry them out in time and effort through planning.

Spain is the 6th country worldwide and third in Europe on ISO 50001 certificates.

Nine out of 10 organizations that use this standard recommend it; and 95% of users say that it helps to identify the activities that consume more energy, according to ISO.

WORK REFERENCES

CIRCE has broad experience supporting important companies:

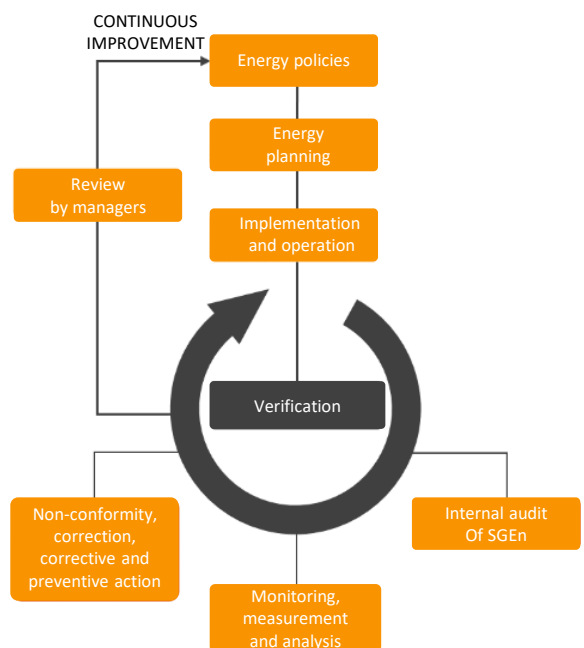


Motivation

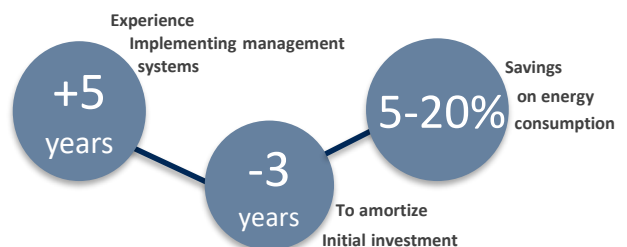
Standard Compliance

European Directive 2012/27/UE R.D. 56/2016

- ✓ To comply with current legislation, all non-PYMES companies must undergo an energy audit or implement an energy or environmental management system in accordance with European or international standards.
- ✓ Helps to implement and monitor actions taken from energy audits.



Key figures



CONTACT

CIRCE Foundation
Parque Empresarial Dinamiza. Avda. Ranillas, Edificio 3D
50018 Zaragoza (Spain)
976 976 859
Eduardo Alcalde: alcalde@circe.es
Sergio San Agustín: mercados@circe.es