

Can you afford to waste energy?

Energy Saving and Efficiency

ceis puts at your disposal specialised services that will enable you to adapt to the regulations currently in force and, at the same time, carry out an effectively manage your consumption.



The growing concern about environmental sustainability has made us consider the current model of energy production and consumption, the latter becoming an essential element for companies' competitiveness.

In the last few years, the different governmental organisations, at national and international level, have established a series of objectives and specific actions in order for the industrial sector to use energy efficiency as a management tool.

ceis understands energy efficiency as a continual improvement process based on three stages:

- **Energy diagnosis:** starting point to determine the energy performance of the facilities. Study and analysis of the efficiency degree of the facilities and detection of energy-saving opportunities.

- **Energy audit:** comprehensive study of the entire energy consumption in the facilities (water, electricity, air and gas).
- **Energy management system:** essential tool to achieve and maintain the energy-saving objectives.

Energy Diagnosis

For those clients wishing to implement energy-saving solutions without having to be subject to an energy audit.

The analysis will establish the relationship between processes, technologies and energy flows enabling to identify energy improvement areas or opportunities. Savings to be obtained will be estimated changing performance patterns or by means of small investments.

The energy diagnosis is quickly carried out and at a low cost, and enables the application for subsidies to improve the project.

Energy Audit

For those clients wishing to know the energy performance of their facilities in detail, the improvement opportunities identified, the investment plan involved and the estimation of potential savings.

El The study will establish a plan of energy measures, and will define energy-saving solutions and potential investments for their implementation.

The energy audit provides comprehensive knowledge of the facilities to establish a detailed description of the saving solutions to be implemented and the associated investment.

It enables the organisation to apply for a subsidy that is subject to the conditions of each Spanish autonomous region.

Energy Management System

For those clients wishing for a constant information flow about their facilities regarding the use of energy and their energy consumption.

The implementation of an energy management system provides detailed information that makes it possible to draw immediate conclusions. It will enable a more comprehensive control over the fulfilment of objectives, the allocation of costs, the performance of facilities and environmental sustainability.

energy ^{up to} **30%**
saving in buildings
from **10 to 20%**
in the industry

8% energy losses
without the appropriate
supervision or maintenance

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Reference Documents

Documents establishing regulatory and encouraging measures, all of which aim to reduce energy consumption:

- Technical Building Code (CTE), basic requirements relating to energy saving.
- Regulation of Thermal Installations in Buildings (RITE).
- E4 Action Plan for Energy Saving and Efficiency Strategy in Spain (PAE4).
- Renewable Energy Plan (PER).

