

PROSPECTS 5.0 Industry 5.0 Wiki

ISO 14001. Environmental Management Systems –
Requirements with Guidance for Use (ISO 14001:2015)

Date : 24.09.2024

Task : Task 5.2

Partner : ZEUKO, S.A.

Author : Maialen Elordi/Estibalitz Sierra

- **Title of the Standard:**

ISO 14001. Environmental management systems- Requirements with guidance for use (ISO 14001:2015).

- **Category of the Standard:**

Environmental management systems

- **Short Description:**

This International Standard specifies requirements for an environmental management system that an organisation can use to improve its environmental performance. This International Standard is intended for use by an organisation seeking to manage its environmental responsibilities in a systematic way that contributes to the environmental pillar of sustainability.

This International Standard helps an organisation to achieve the intended results of its environmental management system, thereby providing value to the environment, the organisation itself and its stakeholders. Consistent with the organisation's environmental policy, the intended outcomes of an environmental management system include:

- improvement of environmental performance;
- compliance with legal and other requirements;
- achievement of environmental objectives.

This International Standard is applicable to any organisation, irrespective of its size, type and nature, and applies to the environmental aspects of its activities, products and services that the organisation determines it can control or influence, taking a life cycle perspective.

This International Standard does not establish specific environmental performance criteria.

This International Standard can be used in whole or in part to systematically improve environmental management.

However, claims of conformity to this International Standard are not acceptable unless all requirements are incorporated into an organisation's environmental management system, and are met without exclusions.

- **Relation to the Industry 5.0:**

Often the customers themselves require compliance with certain regulations such as this one, which is also integrated into a complete management system and which is also passed on to our suppliers, and which are closely related to Industry 5.0.

Many of the concepts related to Industry 5.0 are already included in the internal management of the company under these standards, although we are considering extending them with the ideas of this project, as options for improvement.

In some cases, there are already indicators for monitoring the company's objectives and goals, which coincide with the three main lines of action of this project.

All of this orients the company towards an operation and management that leads to continuous improvement in various aspects:

- Other concepts within the KPIs of 'Environmental Sustainability' are covered and controlled by ISO 14001 (Environmental Management), (emissions, reduction, recycling, etc.).
- **Link to the Standard:**
ISO 14001:2015 Standard (<https://www.iso.org/obp/ui/en/#iso:std:iso:14001:ed-3:vl:en>)
- **Organization/Body Issuing the Standard:**
ISO
- **Region:**
Spain/Global



PROSPECTS^{5.0}



PROSPECTS5-0



PROSPECTS5-0



PROSPECTS5_0



PROSPECTS5-0.EU

