



# ISO 14001



**Training  
prospectus**

**Become an ISO 14001 Compliant Expert with the PECB  
Training and International Certification in Environmental  
Management System**

**By**

**PECB**  
BEYOND RECOGNITION

 **Zylloo Consult**  
Etudes & Conseils

# Background

---

ISO 14001 specifies the requirements for an environmental management system that an organization can use to enhance its environmental performance. ISO 14001 is intended for use by an organization seeking to manage its environmental responsibilities in a systematic manner that contributes to the environmental pillar of sustainability.

ISO 14001 helps an organization achieve the intended outcomes of its environmental management system, which provide value for the environment, the organization itself and interested parties.

**Consistent with the organization's environmental policy, the intended outcomes of an environmental management system include:**

1

Enhancement of  
environmental  
performance



2

Fulfilment of  
compliance  
obligations



3

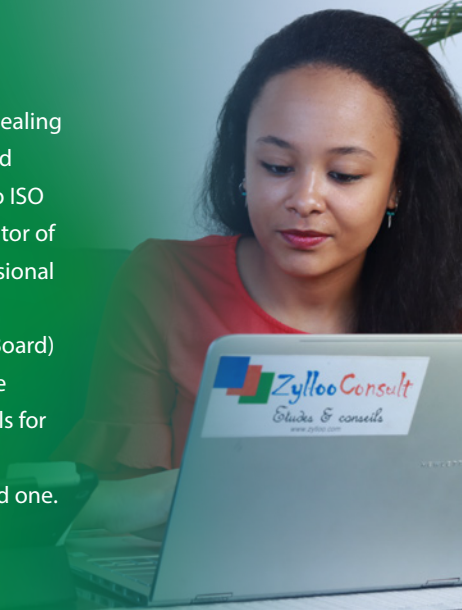
Achievement of  
environmental  
objectives



## About Zylloo Consult Ltd

---

We are a consultancy company based in Kenya and dealing with project management, ISO standards' training and certification and Micro-Credit services. With regard to ISO standards' training and certification, we are a distributor of the Canadian based companies namely PECB (Professional Evaluation and Certification Board) and MSEC (Management Systems Evaluation and Certification Board) which are accredited certification bodies that provide trainings and international certifications to individuals for the first one and audit and certification services of management systems to organizations for the second one.



# What is ISO 14001?

---

ISO 14001 is a widely recognized international standard which specifies the requirements for organizations that want to enhance their environmental performance and increase their operational efficiency. The framework that is based on ISO 14001 will help organizations manage their short-term and long-term processes through the use of efficient resources, which will have a positive impact on the environment.

ISO 14001 is a widely recognized international standard which specifies the requirements for organizations that want to enhance their environmental performance and increase their operational efficiency. The framework that is based on ISO 14001 will help organizations manage their short-term and long-term processes through the use of efficient resources, which will have a positive impact on the environment.



## Benefits of ISO 14001 Environmental Management

---

### Obtaining an ISO 14001 certification will enable you to:

- Improve your career opportunities in the Environmental industry
- Minimize environmental impact
- Increase environmental awareness within the organization
- Reduce the organization's costs and waste production
- Enhance the organization's profile and integrity
- Increase the profits



## How do you get started with ISO 14001 Training?

---

Becoming ISO 14001 certified is a key factor, which clients are putting an emphasis on when conducting business. That is why PECB's accredited courses offer you the best practices and tools on how to improve your environmental performance and at the same time boost your profits.

## PECB Certified ISO 14001 training courses available

---

Learn more about Environmental Management Systems by attending PECB's ISO 14001 training courses. Depending on your need PECB offers training courses for implementing and auditing Management Systems based on ISO standards. After the training you can pass a certification exam and become a PECB certified implementor or auditor.

There are two level of certification depending on your experience in the field of the required certification:

ISO 14001 Foundation

ISO 14001 Lead Level


ISO 14001 Lead  
Implementer

ISO 14001  
Lead Auditor

## ISO 14001 Foundation

The PECB Certified ISO 14001 Foundation training course presents the basic information on the concepts of environmental management and an overview of the ISO 14001 requirements. By participating in this training course, you will be able to understand the different aspects of an EMS, including the environmental policy, operational controls, performance measurements, management commitment, internal audit, management review, and continual improvement.

The successful completion of the training course is followed by an exam. If you pass the exam, you can apply for the **“PECB Certified ISO 14001 Foundation”** credential.



**An internationally recognized “PECB ISO 14001 Foundation” certificate validates your professional capabilities and demonstrates your ability to take part in an implementation project of an EMS based on ISO 14001.**

### This training course enables you to:

Understand the basic environmental management concepts, definitions, and approaches;

Get acquainted with the ISO 14001 requirements for an environmental management system;

Develop a general understanding of how ISO 14001 requirements could be applied in an organization.

### As educational approach, the training course is participant centered and contains:

Lecture sessions illustrated with graphics, examples, and discussions;

Interactions between participants by means of questions and suggestions;

Quizzes as a simulation and preview of the certification exam.



*There are no prerequisites to participate in this training course.*

## ISO 14001 Lead Implementer

The PECB certified ISO 14001 Lead Implementer training enables you to develop the necessary expertise to support an organization in establishing, implementing, managing and maintaining an Environmental Management System (EMS) based on ISO 14001. During this training course, you will also gain a thorough understanding of the best practices of Environmental Management Systems, consequently reducing an organization's negative environmental impacts and improving its overall performance and efficiency.

After mastering all the necessary concepts of Environmental Management Systems, you can sit for the exam and apply for a "PECB Certified ISO 14001 Lead Implementer" credential.

**By holding a PECB Lead Implementer Certificate, you will be able to demonstrate that you have the practical knowledge and professional capabilities to implement ISO 14001 in an organization.**

### In terms of the learning objectives, this training course enables you to:

- Acknowledge the correlation between ISO 14001, ISO 14040 and other standards and regulatory frameworks;
- Master the concepts, approaches, methods and techniques used for the implementation and effective management of an EMS;
- Learn how to interpret the ISO 14001 requirements in the specific context of an organization;
- Learn how to support an organization to effectively plan, implement, manage, monitor and maintain an EMS;
- Acquire the expertise to advise an organization in implementing Environmental Management System best practices;

### In terms of educational approach, the training present as follows:

- It is based on both theory and best practices used in the implementation of an EMS;
- Lecture sessions are illustrated with examples based on case studies;
- Practical exercises are based on a case study which includes role playing and discussions;
- Practice tests are similar to the Certification Exam.



*As prerequisites, a fundamental understanding of ISO 14001 and comprehensive knowledge of implementation principles are required.*

## ISO 14001 Lead Auditor

The PECB certified ISO 14001 Lead Auditor training enables you to develop the necessary expertise to perform an Environmental Management System (EMS) audit by applying widely recognized audit principles, procedures and techniques. During this training course, you will acquire the knowledge and skills to plan and carry out internal and external audits in compliance with ISO 19011 and ISO/IEC 17021-1 certification process.

Based on practical exercises, you will be able to master audit techniques and become competent to manage an audit program, audit team, communication with customers, and conflict resolution. After acquiring the necessary expertise to perform this audit, you can sit for the exam and apply for a “PECB Certified ISO 14001 Lead Auditor” credential.

**By holding a PECB Lead Auditor Certificate, you will demonstrate that you have the capabilities and competencies to audit organizations based on best practices.**

### In terms of Learning objectives, this training course enables you to:

Understand the operations of an Environmental Management System (EMS) based on ISO 14001;

Acknowledge the correlation between ISO 14001, ISO 14040 and other standards and regulatory frameworks;

Understand an auditor’s role to: plan, lead and follow-up on a management system audit in accordance with ISO 19011;

Learn how to lead an audit and audit team;

Learn how to interpret the requirements of ISO 14001 in the context of an EMS audit

Acquire the competencies of an auditor to: plan an audit, lead an audit, draft reports, and follow-up on an audit in compliance with ISO 19011

### In terms of educational approach, this training presents as follows:

It is based on both theory and best practices used in EMS audits;

Lecture sessions are illustrated with examples based on case studies;

Practical exercises are based on a case study which includes role playing and discussions;

Practice tests are similar to the Certification Exam.



*In terms of prerequisites, some experience in the field of audit and a fundamental understanding of ISO 14001 and comprehensive knowledge of audit principles are required.*

## Training types and lecturing models

Three models of training are provided as follows:



### Face to face training

Physical training event with a trainer



### Video conference training

Online training event with a trainer intervening remotely



### Self-study training

Course materials provided for the trainee to learn by himself



## Training duration

### Training with a trainer (on face to face or remotely)

The duration is set at:

- **2 day training** for **Foundation level**
- **5 day training** for **Lead level**

### For Self-Study

- The duration depends to the trainee and it should not exceed **one month**. The trainee will inform on the date he will be ready to pass the certification exam so that PECB can provide the exam materials accordingly.



## Cost Implication

The training cost depends to the type of training selected. It includes the following aspects:



**Trainer cost** for the “face to face training”



**Tea breaks and luncheons**



**Conference venue** and all required logistics including video conference equipment for online training



**Post and bank fees**



**Course and exam materials print out**



**Follow up and administration fees**

The average estimate cost present as follows for each type of the training listed above:



**Face to face training**

**Kes 170,000 to Kes 210,000 per trainee**

*This price can be negotiated depending on the number of trainees provided*



**Online training with the other trainer intervening remotely**

**Kes 120,000 to Kes 160,000**

*Can be also negotiated depending on the number of trainees provided*



**Self-study**

**Kes 85,000**

*Can also be negotiated depending on the number of trainees and on the need for course materials print out or not*