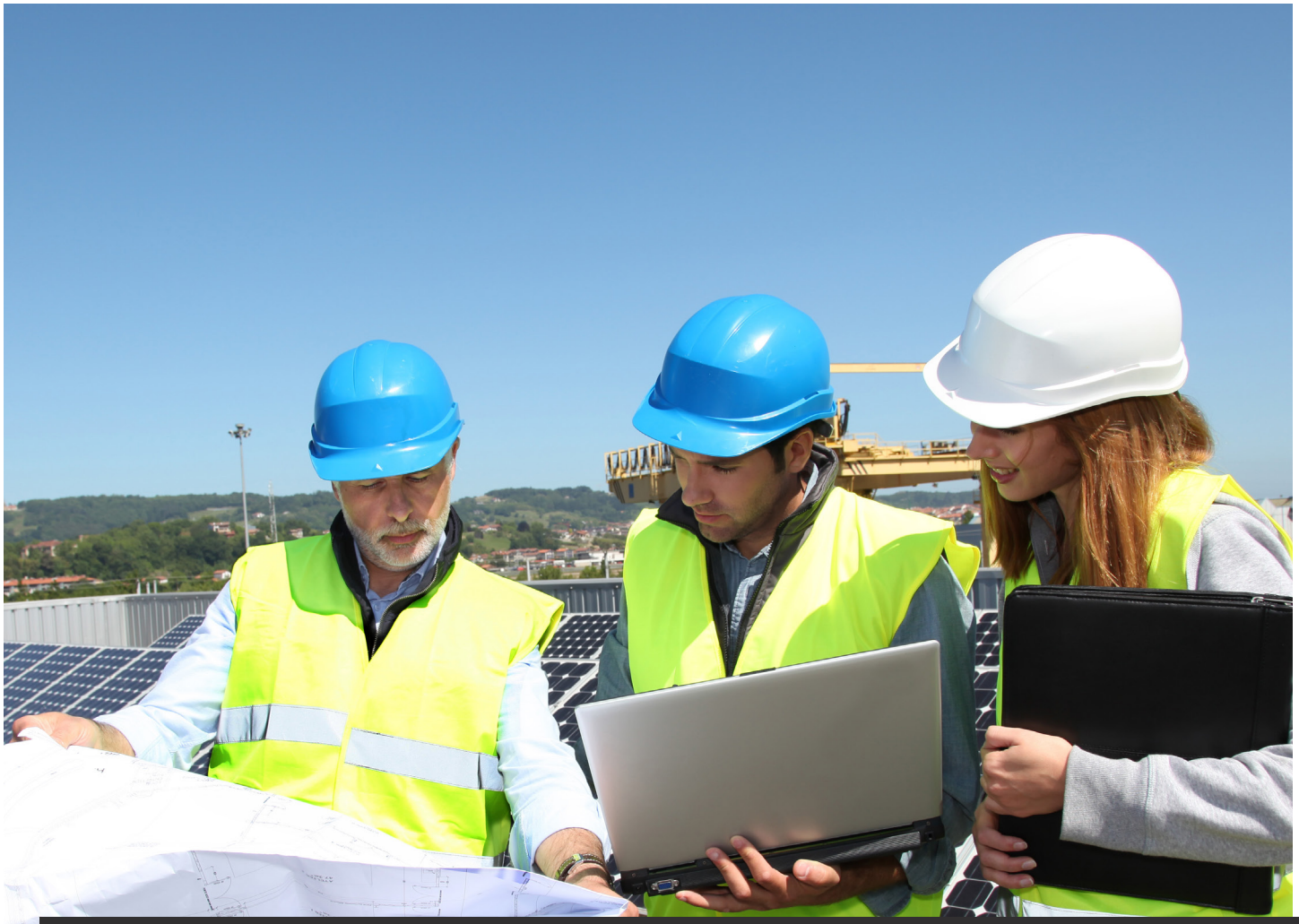
PECB BEYOND RECOGNITION



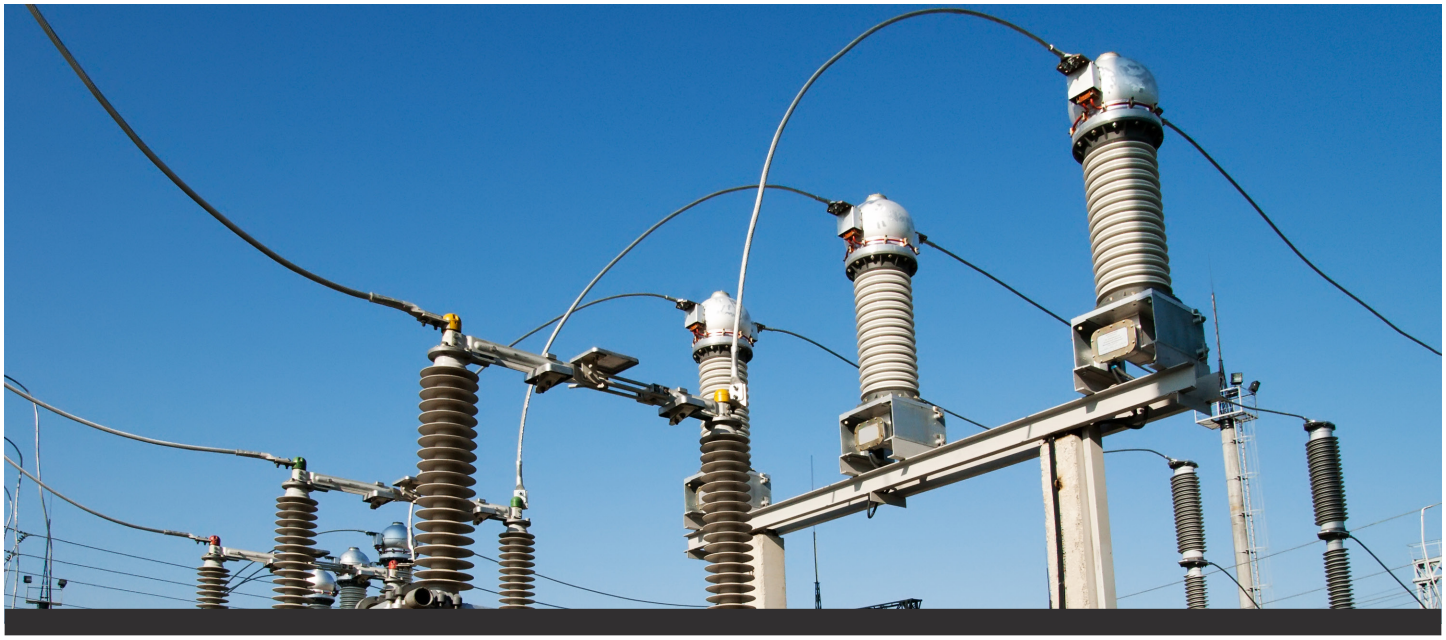
PECB Certified ISO 50001
Lead Implementer

Master the implementation and management of Energy Management Systems (EnMS) based on ISO 50001

Why should you attend?

ISO 50001 Lead Implementer training enables you to develop the necessary expertise to support an organization in establishing, implementing, managing and maintaining an Energy Management System (EnMS) based on ISO 50001. During this training course, you will also gain a thorough understanding of the best practices of Energy Management Systems (EnMS) and be able to decrease an organization`s energy costs and improve its energy performance and sustainability.

After mastering all the necessary concepts of Energy Management Systems, you can sit for the exam and apply for a "PECB Certified ISO 50001 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 50001 in an organization.



Who should attend?

- Managers or consultants involved in Energy Management
- Expert advisors seeking to master the implementation of an Energy Management System
- Individuals responsible for maintaining conformance with EnMS requirements
- EnMS team members

Course agenda

Duration: 5 days

Day 1 | Introduction to ISO 50001 and initiation of an EnMS

- Course objective and structure
- Standard and regulatory framework
- Main concepts of the standard
- Energy Management System (EnMS)
- Initiating the Energy Management System (EnMS)
- Understanding the organization
- Analysis of the existing management system
- Leadership and project approval

Day 2 | Planning the implementation of an EnMS

- EnMS scope
- Energy policy
- Energy Planning

Day 3 | Implementation of an EnMS

- Management Responsibility
- Competence, training and awareness plan
- Communication plan
- Definition of the document management process
- Design of controls and drafting of specific policies & procedures
- Operations Management
- Procurement process

Day 4 | EnMs monitoring, measurement, continuous improvement and preparation for a certification audit

- Monitoring, Measurement, Analysis and Evaluation
- Internal Audit
- Management Review
- Treatment of problems and non-conformities
- Continual improvement
- Preparing for the certification audit
- Competence and evaluation of implementers
- Closing the training

Day 5 | Certification Exam



Learning objectives

- Acknowledge the correlation between ISO 50001 and other standards and regulatory frameworks
- Master the concepts, approaches, methods and techniques used for the implementation and effective management of an EnMS
- Learn how to interpret the ISO 50001 requirements in the specific context of an organization
- Learn how to support an organization to effectively plan, implement, manage, monitor and maintain an EnMS
- Acquire the expertise to advise an organization in implementing Energy Management System best practices

Examination

Duration: 3 hours

The "Certified ISO 50001 Lead Implementer" exam fully meets the requirements of the PECB Examination and Certification Programme (ECP). The exam covers the following competency domains:

Domain 1 | Fundamental principles and concepts of an Energy Management System (EnMS)

Domain 2 | Energy Management System (EnMS)

Domain 3 | Planning an EnMS implementation based on ISO 50001

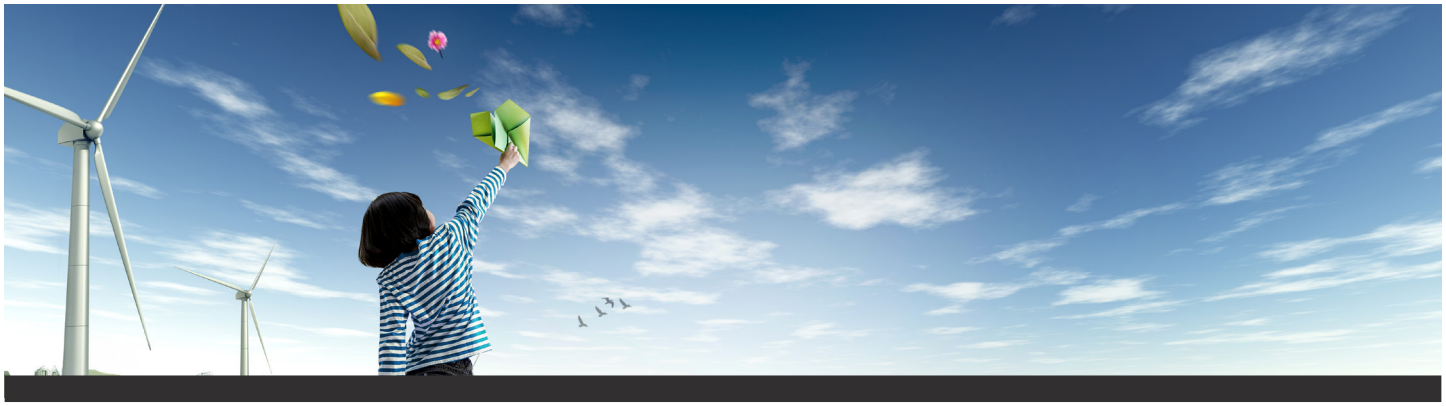
Domain 4 | Implementing an EnMS based on ISO 50001

Domain 5 | Performance evaluation, monitoring and measurement of an EnMS based on ISO 50001

Domain 6 | Continual improvement of an EnMS based on ISO 50001

Domain 7 | Preparing for an EnMS certification audit

For more information about exam details, please visit Examination Rules and Policies.



Certification

After successfully completing the exam, you can apply for the credentials shown on the table below. You will receive a certificate once you comply with all the requirements related to the selected credential.

For more information about ISO 50001 certifications and the PECB certification process, please refer to the Certification Rules and Policies.

Credential	Exam	Professional experience	EnMS project experience	Other requirements
PECB Certified ISO 50001 Provisional Implementer	PECB Certified ISO 50001 Lead Implementer Exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Implementer	PECB Certified ISO 50001 Lead Implementer Exam or equivalent	**Two years:** One year of work experience in Energy Management	Project activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Lead Implementer	PECB Certified ISO 50001 Lead Implementer Exam or equivalent	**Five years:** Two years of work experience in Energy Management	Project activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Senior Lead Implementer	PECB Certified ISO 50001 Lead Implementer Exam or equivalent	**Ten years:** Seven years of work experience in Energy Management	Project activities: a total of 1,000 hours	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Master	ISO 50001 Lead Implementer + ISO 50001 Lead Auditor (4 additional foundation exams)	**Fifteen years:** Ten years of work experience in Energy Management	Audit activities: 700 hours Project activities: 700 hours	Signing the PECB Code of Ethics

Note: *PECB Certified Individuals who do possess the Lead Implementer and Lead Auditor Credentials are qualified for the respective* ***PECB Master Credential****, given they have taken 4 additional Foundation Exams which are related to this scheme. For more detailed information about the Foundation Exams and the overall Master Requirements, please go to the following link: https://pecb.com/en/master-credentials.*

General information

- Certification and examination fees are included in the price of the training course
- Training material containing over 450 pages of information and practical examples will be distributed
- An attestation of course completion worth 31 CPD (Continuing Professional Development) credits will be issued to the participants who have attended the training course.
- In case of exam failure, you can retake the exam within 12 months for free