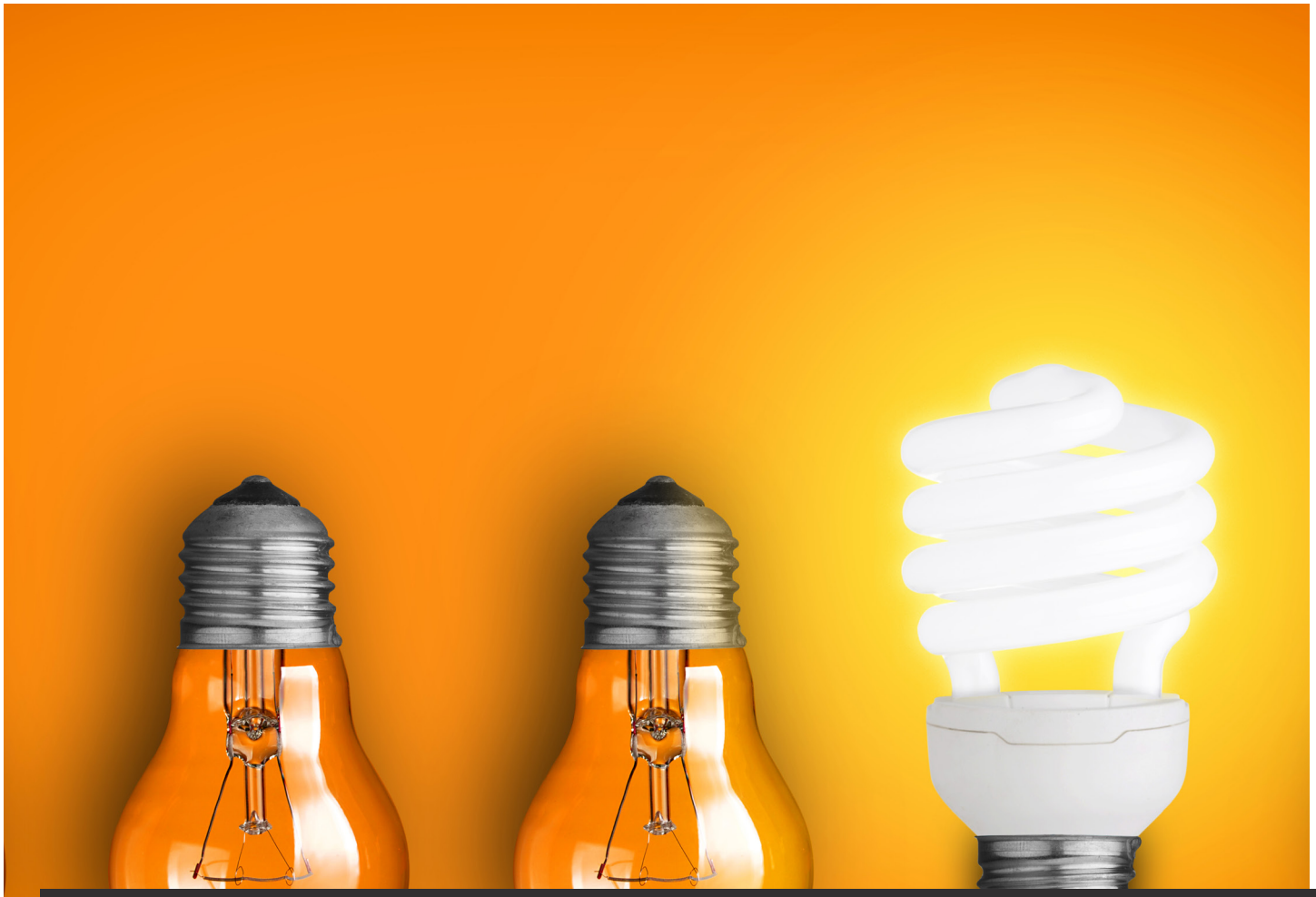
PECB BEYOND RECOGNITION



PECB Certified ISO 50001
Lead Auditor

Master the Audit of Energy Management Systems (EnMS) based on ISO 50001

Why should you attend?

ISO 50001 Lead Auditor training enables you to develop the necessary expertise to perform an Energy Management System (EnMS) audit by applying widely recognized audit principles, procedures and techniques. During this training course, you will acquire the necessary 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 50001 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.



Who should attend?

- Auditors seeking to perform and lead Energy Management System (EnMS) certification audits
- Managers or consultants seeking to master an EnMS audit process
- Individuals responsible for maintaining conformance with Energy Management System requirements
- Technical experts seeking to prepare for an Energy Management System audit
- Expert advisors in Energy Management

Course agenda

Duration: 5 days

Day 1 | Introduction to Energy Management Systems (EnMS) and ISO 50001

- Course objectives and structure
- Standards and regulatory frameworks
- Certification process
- Fundamental principles of Energy Management Systems
- Energy Management Systems (EnMS)

Day 2 | Audit principles, preparation and launching of an audit

- Fundamental audit concepts and principles
- Evidence based audit approach
- Initiating the audit
- Stage 1 audit
- Preparing the stage 2 audit (on-site audit)
- Stage 2 audit (Part 1)

Day 3 | On-site audit activities

- Stage 2 audit (Part 2)
- Communication during the audit
- Audit procedures
- Creating audit test plans
- Drafting audit findings and non-conformity reports

Day 4 | Closing the audit

- Documentation of the audit and the audit quality review
- Closing the audit
- Evaluating action plans by the auditor
- Benefits of the initial audit
- Managing an internal audit program
- Competence and evaluation of auditors
- Closing the training

Day 5 | Certification Exam



Learning objectives

- Understand the operations of an Energy Management System (EnMS) based on ISO 50001
- Acknowledge the correlation between ISO 50001 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 50001 in the context of an EnMS 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

Examination

Duration: 3 hours

The "PECB Certified ISO 50001 Lead Auditor" exam fully meets the requirements of the PECB Examination and Certification Program (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 | Fundamental audit concepts and principles

Domain 4 | Preparation of an ISO 50001 audit

Domain 5 | Conducting an ISO 50001 audit

Domain 6 | Closing an ISO 50001 audit

Domain 7 | Managing an ISO 50001 audit program

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 audit experience	Other requirements
PECB Certified ISO 50001 Provisional Auditor	PECB Certified ISO 50001 Lead Auditor Exam or equivalent	None	None	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Auditor	PECB Certified ISO 50001 Lead Auditor Exam or equivalent	**Two years:** One year of work experience in Energy Management	Audit activities: a total of 200 hours	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Lead Auditor	PECB Certified ISO 50001 Lead Auditor Exam or equivalent	**Five years:** Two years of work experience in Energy Management	Audit activities: a total of 300 hours	Signing the PECB Code of Ethics
PECB Certified ISO 50001 Senior Lead Auditor	PECB Certified ISO 50001 Lead Auditor Exam or equivalent	**Ten years:** Seven years of work experience in Energy Management	Audit 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