PECB CERTIFIED ISO 55001
LEAD IMPLEMENTER

MASTERING THE IMPLEMENTATION AND MANAGEMENT OF AN ASSET MANAGEMENT SYSTEM (AMS) BASED ON ISO 55001.

SUMMARY

This five-day intensive course enables participants to develop the necessary expertise to support an organization in establishment, implementation, maintenance and improvement of the Asset Management System (AMS) based on ISO 55001:2014. This training is consistent with the project management practices established in ISO 10006 (Quality Management Systems - Guidelines for Quality Management in Projects), and is also fully compatible with ISO 55002 (Guidelines for the implementation of an AMS). This course can be used by any organization, which will determine its assets that will include in the system scope.

- Asset managers or consultants wanting to prepare and to support an organization in the implementation of an Asset Management System (AMS)
- ISO 55001 auditors who wish to fully understand the Asset Management System implementation process
- Members of asset management team
- Expert advisors in asset management
- Technical experts wanting to prepare for an asset management function or for an AMS project management function

COURSE AGENDA   DURATION: 5 DAYS

DAY 1

Introduction to ISO 55001 and initiation of an AMS

- Course objective and structure
- Standard and regulatory framework
- Asset Management System (AMS)
- Fundamental principles of Assets Management
- Initiating the AMS implementation
- Understanding the organization and clarifying the Assets Management objectives
- Analysis of the existing management system

DAY 2

Plan the implementation of the AMS

- Leadership and approval of the AMS project
- AMS scope
- Policies for asset management
- Risk assessment
- Definition of the organizational structure of asset management

DAY 3

Deploying the AMS

- Definition of the Information Management process
- Definition of the document management process
- Design of asset management controls and drafting of specific policies & procedures
- Communication plan
- Training and awareness plan
- Operations Management

DAY 4

AMS measurement, continuous improvement and preparation for 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

▶ To understand the implementation of an Asset Management System in accordance with ISO 55001

▶ To understand the components and the operation of an Asset Management System based on ISO 55001 and its principal processes

▶ To understand the goal, content and correlation between ISO 55001 and ISO 55002 as well as with other standards and regulatory frameworks

▶ To master the concepts, approaches, standards, methods and techniques for the implementation and effective management of an AMS

▶ To understand the relationship between the asset management and the compliance with the requirements of different stakeholders of an organization

▶ To acquire necessary expertise to manage a team implementing ISO 55001

▶ To acquire the competence to effectively advise organizations on the best practices in asset management

EXAMINATION

The "Certified ISO 55001 Lead Implementer" exam fully meets the requirements of the PECB Examination and Certification Program (ECP). The exam covers the following competence domains:

1

Domain 1: Fundamental principles and definitions in asset management
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can understand, interpret and illustrate the main asset management concepts related to Asset Management and Asset Management System based on ISO 55001.
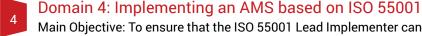
2

Domain 2: Guidance on Asset Management Best Practices based on ISO 55001
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can understand, interpret and provide guidance on how to implement and manage Asset Management System based on ISO 55001 and ISO 55002.

3

Domain 3: Planning an AMS based on ISO 55001
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can plan the implementation of an AMS in preparation for an ISO 55001 certification.

4

Domain 4: Implementing an AMS based on ISO 55001
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can implement the processes of Asset Management reference frameworks based on ISO 55001.

5

Domain 5: Performance evaluation, monitoring and measurement of an AMS based on ISO 55001
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can evaluate, monitor and measure the performance of an AMS in the context of an ISO 55001 certification.

6

Domain 6: Continual improvement of an AMS based on ISO 55001
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can provide guidance on the continuous improvement of an AMS in the context of ISO 55001.

7

Domain 7: Preparation for an AMS certification audit
Main Objective: To ensure that the ISO 55001 Lead Implementer candidate can prepare and assist an organization for the certification of an AMS against the ISO 55001 standard.

▶ The "Certified ISO 55001 Lead Implementer" exam is available in different languages (the complete list of languages can be found in the examination application form)

▶ Duration: 3 hours

▶ For more information about the exam, refer to PECB section on ISO 55001 Lead Implementer Exam

CERTIFICATION

► After successfully completing the exam, participants can apply for the credentials of Certified ISO 55001 Provisional Implementer, Certified ISO 55001 Implementer or Certified ISO 55001 Lead Implementer, depending on their level of experience.

► A certificate will be issued to participants who successfully pass the exam and comply with all the other requirements related to the selected credential

► For more information about ISO 55001 certifications and PECB certification process, refer to PECB section on ISO 55001 Lead Implementer Certification

Credential	Exam	Professional Experience	Asset Management Audit Experience	Asset Management Project Experience	Other Requirements
PECB Certified ISO 55001 Provisional Implementer	PECB Certified ISO 55001 Provisional Implementer Exam	None	None	None	Signing the PECB code of ethics
PECB Certified ISO 55001 Implementer	PECB Certified ISO 55001 Lead Implementer Exam	**Two years** One year of Asset Management work experience	None	Project activities totaling 200 hours	Signing the PECB code of ethics
PECB Certified ISO 55001 Lead Implementer	PECB Certified ISO 55001 Lead Implementer Exam	**Five years** One year of Asset Management work experience	None	Project activities totaling 300 hours	Signing the PECB code of ethics

GENERAL INFORMATION

► Certification fees are included in the exam price

► A student manual containing over 450 pages of information and practical examples will be distributed to participants

► A participation certificate of 31 CPD (Continuing Professional Development) credits will be issued to participants

► In case of failure of the exam, participants are allowed to retake the exam for free under certain conditions