



## **PECB CERTIFIED ISO 21500 LEAD IMPLEMENTER**

### **MASTERING THE MANAGEMENT OF A PROJECT BASED ON ISO 21500**

#### **SUMMARY**

This five-day intensive course enables participants to develop the necessary expertise to support an organization in implementing Guidance on Project Management as specified in ISO 21500. Participant will also gain a thorough understanding of best practices used to implement Project Management processes. This training is consistent with the project management practices in ISO 1006 (Quality Management Systems – Guidelines for Quality Management in Projects).



## WHO SHOULD ATTEND?

- ▶ Project managers
- ▶ Operations managers
- ▶ Program managers
- ▶ Quality managers
- ▶ Senior managers
- ▶ Consultants
- ▶ Members of a Project Management team
- ▶ Project sponsors

## COURSE AGENDA

DURATION: 5 DAYS

DAY 1

### Introduction, project management framework and project management concepts and processes as specified in ISO 21500; initiating processes

- ▶ Introduction to project management
- ▶ Terms and definitions related to Project Management
- ▶ Project Management standards, frameworks and methodologies
- ▶ Project Management concepts and their relationships
- ▶ Project Management processes
- ▶ Initiation of Project Management processes

DAY 2

### Planning the processes as specified in ISO 21500

- ▶ Develop project plans
- ▶ Define scope, create work breakdown structure and define activities
- ▶ Estimate resources and define project organization
- ▶ Sequence activities, estimate activity durations and develop schedule
- ▶ Estimate costs and develop budget
- ▶ Identify and assess risks
- ▶ Plan quality
- ▶ Plan procurements
- ▶ Plan communications

DAY 3

### Implementing the processes as specified in ISO 21500

- ▶ Direct project work
- ▶ Manage stakeholders
- ▶ Develop project team
- ▶ Treat risks
- ▶ Perform quality assurance
- ▶ Select suppliers
- ▶ Distribute information

DAY 4

### Controlling and closing the processes as specified in ISO 21500

- ▶ Control project work and changes
- ▶ Control scope
- ▶ Control resources and manage project team
- ▶ Control schedule
- ▶ Control costs
- ▶ Control risks
- ▶ Perform quality control
- ▶ Administer procurements
- ▶ Manage communications
- ▶ Close project phase or project

DAY 5

### Certification Exam



## LEARNING OBJECTIVES

- ▶ To understand the implementation of Guidance on Project Management in accordance with ISO 21500
- ▶ To gain a comprehensive understanding of the concepts, approaches, methods, techniques and processes allowing an effective project management according to ISO 21500
- ▶ To understand the relationship between the project management and the compliance with the requirements of different stakeholders of an organization
- ▶ To acquire the competence to initiate, plan, implement, control and close a project as specified in ISO 21500
- ▶ To acquire the competence to effectively advise organizations on the best practices in project management

## EXAMINATION

The “PECB Certified ISO 21500 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 concepts in Project Management

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can understand, interpret and illustrate the main Project Management concepts related to guidance on Project Management (GPM)

### 2 Domain 2: Project management best practices based on ISO 21500

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can understand, interpret and provide guidance on how to implement and manage Project Management requirements based on best practices of ISO 21500

### 3 Domain 3: Planning a GPM based on ISO 21500

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can plan the implementation of a GPM in preparation for an ISO 21500 certification

### 4 Domain 4: Implementing a GPM based on ISO 21500

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can implement the processes of a GPM required for an ISO 21500 certification

### 5 Domain 5: Performance evaluation, monitoring and measurement of a GPM based on ISO 21500

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can evaluate, monitor and measure the performance of a GPM in the context of an ISO 21500 certification

### 6 Domain 6: Continual improvement of a GPM based on ISO 21500

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can provide guidance on the continual improvement of a GPM in the context of ISO 21500

### 7 Domain 7: Preparation for a GPM certification audit

Main Objective: To ensure that the ISO 21500 Lead Implementer candidate can prepare and assist an organization for the certification of a GPM against the ISO 21500 standard

- ▶ The “PECB Certified ISO 21500 Lead Implementer” exam is available in different languages, such as English, French, Spanish and Portuguese
- ▶ Duration: 3 hours
- ▶ For more information about the exam, please visit: [www.pecb.com](http://www.pecb.com)



## CERTIFICATION

- ▶ After successfully completing the exam, participants can apply for the credentials of PECB Certified ISO 21500 Provisional Implementer, PECB Certified ISO 21500 Implementer or PECB Certified ISO 21500 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:

Credential	Exam	Professional Experience	GPM Audit Experience	GPM Project Experience	Other Requirements
<b>PECB ISO 21500 Provisional Implementer</b>	PECB ISO 21500 Lead Implementer Exam	None	None	None	Signing the PECB code of ethics
<b>PECB ISO 21500 Implementer</b>	PECB ISO 21500 Lead Implementer Exam	<b>Two years</b> One year of Guidance on Project Management work experience	None	Project activities totaling 200 hours	Signing the PECB code of ethics
<b>PECB ISO 21500 Lead Implementer</b>	PECB ISO 21500 Lead Implementer Exam	<b>Five years</b> Two years of Guidance on Project 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
- ▶ Participant manual contains over 450 pages of information and practical examples
- ▶ 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 it for free under certain conditions

For additional information, please contact us at [info@pecb.com](mailto:info@pecb.com) | [www.pecb.com](http://www.pecb.com)