ISO/IEC 42001 Lead Implementer: Artificial Intelligence Management System (AIMS) Implementation Lead

Date and duration
Training code : ISO42001LI-EN Duration : 4,5 days Nombre d'heures : 31 heures

Training with certification
SO/IEC 42001: management of Artificial Intelligence

Body
Today, thanks to rapid technological advances, **artificial intelligence (AI)** is nearly everywhere. It is becoming widespread across many sectors, but its evolution requires specific skills to ensure proper use while respecting ethical standards. This training is designed to provide you with practical skills in the implementation and responsible **management of an Artificial Intelligence Management System (AIMS)** in compliance with the ISO/IEC 42001 standard, published in 2023. It will provide you with essential knowledge, introduce you to best practices for AI implementation, and give you a **governance model** that allows seamless integration within your organization. At the end of this program, and after passing the exam, you will be able to obtain the official title of **PECB Certified ISO/IEC 42001 Lead Implementer** (more information available in the certification section).

Objectifs

By the end of the ISO/IEC 42001 Lead Implementer training, you will be able to:

- Understand the principles and operation of an Artificial Intelligence Management System (AIMS) based on the ISO/IEC 42001:2023 standard
- Know the specific requirements of ISO/IEC 42001 related to the role of Lead Implementer of an AIMS
- Apply the PECB IMS2 methodology and other best practices to implement an AIMS in compliance with ISO/IEC 42001
- Support an organization in the implementation, maintenance, and continual improvement of an AIMS
- Assist an organization in preparing for a certification audit conducted by an independent body
- Successfully pass the PECB ISO/IEC 42001 Lead Implementer exam and obtain one of the four associated certifications

Points forts

- Practical exercises based on real case studies with 400 pages of documentation
- 31 CPD credits
- PECB certification exam included in the training fee
- Free retake within 12 months in case of failure

Certification

This training allows you to take the professional certification exam PECB Certified ISO/IEC 42001 Lead Implementer. A coupon code will be provided at the end of the course, allowing you to schedule your exam at the date and time of your choice.

Exam details:

The exam is available in French or English and is conducted online. Format: multiple-choice questionnaire (MCQ) with 80 questions. Duration: 3 hours maximum. The exam complies with the requirements of the PECB examination and certification program. It covers the following areas of competence:

- Principles and fundamental concepts of an Artificial Intelligence Management System (AIMS)
- AIMS requirements
- Planning and implementing an AIMS based on ISO/IEC 42001
- Monitoring and measuring an AIMS based on ISO/IEC 42001
- Continual improvement and preparation for an AIMS certification audit

Certification information:

Once you have passed the exam and met the requirements, you may apply for one of the **following four certifications:**

- **PECB Certified ISO/IEC 42001 Provisional Implementer**: No professional experience required; signing of the PECB Code of Ethics
- **PECB Certified ISO/IEC 42001 Implementer**: 2 years of professional experience, including 1 year in AI management; 200 hours of project activities; signing of the PECB Code of Ethics
- **PECB Certified ISO/IEC 42001 Lead Implementer**: 5 years of professional experience, including 2 years in AI management; 300 hours of project activities; signing of the PECB Code of Ethics
- **PECB Certified ISO/IEC 42001 Senior Lead Implementer**: 10 years of professional experience, including 7 years in AI management; 1,000 hours of project activities; signing of the PECB Code of Ethics

For further details, please refer to the PECB Examination Rules and the PECB Certification Rules.

Modalités d'évaluation

Quiz / QCM
Etude de cas

Pré-requis

Attending this PECB training requires the following prerequisites:

- Basic knowledge of the ISO/IEC 42001 standard
- Basic understanding of how an Artificial Intelligence Management System (AIMS) operates

Public

This training is intended for the following audiences:

- Professionals responsible for supervising and managing AI projects
- AI consultants
- Expert advisors and specialists seeking to master the practical implementation of AIMS in compliance with ISO/IEC 42001
- Managers responsible for ensuring that AI projects comply with organizational AI requirements
- Team members involved in the implementation of AI systems
- Executives and decision-makers overseeing AI implementation and its alignment with ISO/IEC 42001

Programme

Note: *The course materials are available in both French and English.*

Day 1: Introduction to ISO/IEC 42001 and AIMS

- Introduction Round
  - Individual introductions
  - Exploration of participants' expectations and objectives
  - Introduction to the training framework
  - Alignment with specific goals and challenges
  - Identification of participants' expectations and perspectives
- Presentation of the ISO/IEC 42001:2023 standard and its importance in Artificial Intelligence (AI) management
- Fundamental principles of an Artificial Intelligence Management System (AIMS)
- Initial steps in implementing an AIMS
- Identifying stakeholders and objectives for implementation

Day 2: Planning the Implementation of an AIMS

- Developing the project plan
- Identifying required resources and assigning responsibilities
- Key Performance Indicators (KPIs) to measure AIMS effectiveness
- Assessing potential risks related to implementation
- Defining mitigation strategies

Day 3: Implementing an AIMS

- Establishing AIMS policies and procedures
- Training staff on new AI-related processes and technologies
- Integrating AI management tools into existing operational processes
- Assessing compliance with ISO/IEC 42001:2023 requirements

Day 4: Monitoring, Continuous Improvement, and Preparing for Certification Audit

- Tools for monitoring and controlling AIMS performance
- Identifying opportunities for continual improvement
- Preparing for the ISO/IEC 42001 certification audit
- Reviewing compliance requirements and best practices for audit success

Day 5 (half-day): Exam Preparation

- Review of key concepts and skills acquired throughout the training

PECB

Training content provided in partnership with PECB.