EuroSPI / ASA Certified Innovation Agent and ISO 560xx Assessor

Goal

In the training course the attendees get introduced to the ISO 560xx norm series for innovation management systems in organizations. This includes an interpretation of ISO 560xx for the automotive sector, a set of best practices for each chapter of the norm series, and an innovation capability assessment model. It helps to prepare for future ISO 560xx audits. This new norm series addresses very strongly new topics like strategic intelligence management, AI and big data to help in innovation forecasts. The Innovation Agent Task Force, established in the EU Blueprint Project FLAMENCO (Forward Looking Approaches for Green Mobility Ecosystem Network Collaboration) and promoted in 2025 to an ASA Working Group developed an ISO 560xx and ISO 33020 based innovation capability assessment model and tool, designed an AI tool for ideators which can be used for data analysis, and developed a set of training materials to understand practically the implementation of ISO 560xx in automotive and to assess the innovation capability.

In this course the use of the innovation capability assessmeent model, the underlying ISO 560xx process knowledge and the sample usage of an AI tool for indeators is trained. Attendees receive a certificate as an EuroSOI/ASA certified innovation agent and assessor.

Content

Following the work of the ASA Innovation Agent Working Group, the ISO 560xx processes have been grouped according to their domains of activity. The resulting process groups are classified into three categories:

Primary Life Cycle Processes, Organizational Life Cycle Processes, and Supporting Life Cycle Processes.

The Organizational Processes category includes processes that implement the innovation management process within the organization and evaluate its effectiveness through an innovation capability assessment model.

The Primary Processes category comprises idea generation, big data analysis, and strategic intelligence, including AI, to support sound innovation decisions in a complex, data-driven market.

The Supporting Processes category includes processes that support other processes at different stages of the innovation management system.

Content (continued)

The primary processes category consists of the following groups:

TIM (Tools and Methods for Idea Management), related to ISO/DIS 56007, with the processes
TIM.1 Preparing for Idea Management
TIM.2 People and Organization
TIM.3 Idea Management Process and Activities

SIM (Strategic Intelligence Management), related to ISO 56006, with the processes
SIM.1 Strategic Intelligence Management Setup
SIM.2 Strategic Intelligence Cycle
SIM.3 Intelligence Communication

The supporting processes category consists of the following groups:

TAM (Tools and Methods for Innovation Partnerships), related to ISO 56003, with the processes
TAM.1 Innovation Partnership Framework
TAM.2 Entering an Innovation Partnership
TAM.3 Partner Selection
TAM.4 Partner Alignment
TAM.5 Interaction between Partners

IPM (Intellectual Property Management), related to ISO 56005, with the processes
IPM.1 IPM Framework
IPM.2 IP Strategy
IPM.3 IP Management in Innovation Processes

The organizational processes category consists of the following groups:

IMS Innovation Management System, related to ISO 56001/56002, with the processes
IMS.0 Introduction
IMS.1 Leadership
IMS.2 Planning
IMS.3 Resource Management
IMS.4 Competence Management
IMS.5 IMS Implementation and Operation
IMS.6 Performance Evaluation

ASM (Innovation Assessment), related to ISO/TR 56004, with the processes
ASM.1 Assessment Process
ASM.2 Perform Assessments
ASM.3 Benchmark and Improve

Schedule

Day 1	Topic	Content	Exam relevant
08.30 - 09.00	Introduction		no
09.00 - 10.15	The innovation Capability Assessment Model - Introduction and Process Reference Model PRM Scope	Structure of the Process Reference Model and Process Assessment Model, and capability levels. Explaining the relationship with : Innovation Assessment ISO/TR 56004	yes
10.15 - 10.30	Coffee Break		
10.30 - 12.00	The innovation Capability Assessment Model - PAM and Assessment indicators Level 1 (Purpose, Outcomes, BPs, OIIs, and rating at level 1)	PAM level 1	yes
12.00 - 13.00	Lunch Break		
13.00 - 14.30	The innovation Capability Assessment Model - PAM and Assessment indicators Levels 2-5 (Achievements, GPs, OIIs, and rating at level 2-5)	PAM at levels 2-5	yes
14.30 - 15.00	Coffee Break		
15.00 - 16.30	Short demo exercise in the team to assess TIM.1 at level 1	Exercise applying the innovation capability assessment tool on an example case together with the trainer (Case study) Note: More exercises in the next days	yes for rating principles

Day 2	Topic	Content	Exam relevant
09.00 - 10.15	Tools and Methods for Idea Management ISO/DIS 56007	The content and meaning of the norm part	yes
10.15 - 10.30	Coffee Break		
10.30 - 12.00	TIM (Tools and Methods for Idea Management) ISO/DIS 56007 TIM.1 Preparing for Idea Management TIM.2 People and Organisation TIM.3 Idea Management Process and Activities	The Process Reference Model - TIM.x processes - of the innovation capability assessment model	yes
12.00 - 13.00	Lunch Break		
13.00 - 14.30	Exercise using AI for Data Analysis	Exercise with the exemplary SmartSPI tool (developed by the innovation agent working group, integrating OpenAI, Gemini, Mistral and Scholarly for data research and analysis	yes for AI usage principles
14.30 - 15.00	Coffee Break		
15.00 - 17.00	Assessment Exercise for TIM.1, TIM.2,TIM.3	Exercise applying the innovation capability assessment tool on SIM.x processes (Case study)	yes for rating principles

Day 3	Topic	Content	Exam relevant
09.00 - 10.15	Strategic intelligence management ISO 56006	The content and meaning of the norm part	yes
10.15 - 10.30	Coffee Break		
10.30 - 12.00	SIM (Strategic Intelligence Management) ISO 56006 SIM.1 Strategic Intelligence Management Setup SIM.2 Strategic Intelligence Cycle SIM.3 Intelligence Communication	The Process Reference Model - SIM.x processes - of the innovation capability assessment model	yes
12.00 - 13.00	Lunch Break		
13.00 - 14.30	Exercise using AI for Data Analysis	Exercise with the exemplary SmartSPI tool (developed by the innovation agent working group, integrating OpenAI, Gemini, Mistral and Scholarly for data research and analysis	yes for AI usage principles
14.30 - 15.00	Coffee Break		
15.00 - 17.00	Assessment Exercise for SIM.1, SIM.2, SIM.3	Exercise applying the innovation capability assessment tool on SIM.x processes (Case study)	yes for rating principles

Schedule

Day 4	Topic	Content	Exam relevant
09.00 - 10.30	Innovation Management System ISO 56001/56002 IMS Innovation Management System ISO 56001/56002 IMS.0 Introduction IMS.1 Leadership IMS.2 Planning IMS.3 Resource Management IMS.4 Competence Management IMS.5 IMS Implementation and Operation IMS.6 Performance Evaluation	The content and meaning of the norm part The Process Reference Model - IMS.x processes - of the innovation capability assessment model	yes
10.30 - 10.45	Coffee Break		
10.45 - 12.15	Tools and Methods for Innovation Partnerships ISO 56003 TAM (Tools and Methods for Innovation Partnerships) ISO 56003 TAM.1 Innovation Partnership Framework TAM.2 Entering an Innovation Partnership TAM.3 Partner Selection TAM.4 Partner Alignment TAM.5 Interaction between Partners	The content and meaning of the norm part The Process Reference Model - TAM.x processes - of the innovation capability assessment model	yes
12.00 - 13.00	Lunch Break		
13.00 - 14.30	Intellectual Property Management ISO 56005 IPM (Intellectual Property Management) ISO 56005 IPM.1 IPM Framework IPM.2 IP Strategy IPM.3 IP Management in Innovation Processes	The content and meaning of the norm part The Process Reference Model - IPM.x processes - of the innovation capability assessment model	yes
14.30 - 15.00	Coffee Break		
15.00 - 17.00	Assessment Exercise for IMS.4 and TAM.1	Exercise applying the innovation capability assessment tool on IMS.4 and TAM.1 processes (Case study)	yes for rating principles

Day 5	Topic	Content	Exam relevant
09.00 - 10.30	PAM level 2 to 5 deepening (continuing day 1)	Understanding higher capability levels, and preparing a level 2 and 3 exercise	yes
10.30 - 10.45	Coffee Break		
10.45 -12.00	Assessment Exercise rating levels 2 and 3 for a selected TIM.x or SIM.x process (continuing the exercises from day 2)	Exercise applying the innovation capability assessment tool for a level 2 and 3 rating (Case study)	yes for rating principles
12.00 - 13.00	Lunch Break		
13.00 - 14.00	Assessment Exercise rating levels 2 and 3 for a selected TIM.x or SIM.x process (continuing the exercises from day 2)	Exercise applying the innovation capability assessment tool for a level 2 and 3 rating (Case study)	yes for rating principles
14.00 - 15.00	Summary of lessons learned		
16.00 - 17.30	Exam	Computer based exam - EuroSPI Exam system	

Training Materials

The training materials include slides, use of an innovation capability assessment tool, and use of an AI data analysis tool. The tools have been developed in cooperation with the innovation agent working group in ASA, the Automotive Skills Alliance.

Target Group and Prerequisites

The course requires automotive or similar industry (IT, defense, aerospace) background as a manger or consultant. It empowers managers and consultants to use an innovation capability assessment model and tool, to use and properly set up AI interaction for innovation decisions. It is held as industry course by the EuroSPI academy, there are related PhD and master thesis at partnering unive4rsities elaborating new research o this. The assessment model was trialed by leading Automotive Tier 1, defense and medical industry.

Cancellation

Cancellation is not possible. You may determine a substitute or attend the course at a later date.

Examination and Certification

Exams are organised by the EuroSPI / ASA certification organisation. In case of safety engineers the exam is based on a set of mandatory exercises to be performed in the course under the observation of the trainers. The EuroSPI / ASA system allows to register with a job role, upload the exercises and have an assessor in the system assessing the student performance in the practical exercises. The EuroSPI / ASA system generates a unique certification ID and certificate for the attendee. Every 2 years the certificate will later need to be renewed by attending a short update training of 1 day to learn about the new state of the art developments in functional safety.

The EuroSPI Academy

The training is held in the EuroSPI academy (https://academy.eurospi.net/) in cooperation with ISCN. The moodle based training environment integrates all above mentioned training materials and tools in an effective online training platform.

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