ISO 5600x Assessments
&
The Innovation Agent
Task Force

MA Laura Aschbacher, EuroSPI GesmbH, Innovation Expert & Provisional Assessor

Dr Richard Messnarz, ISCN GesmbH, Instructor and Principal Assessor
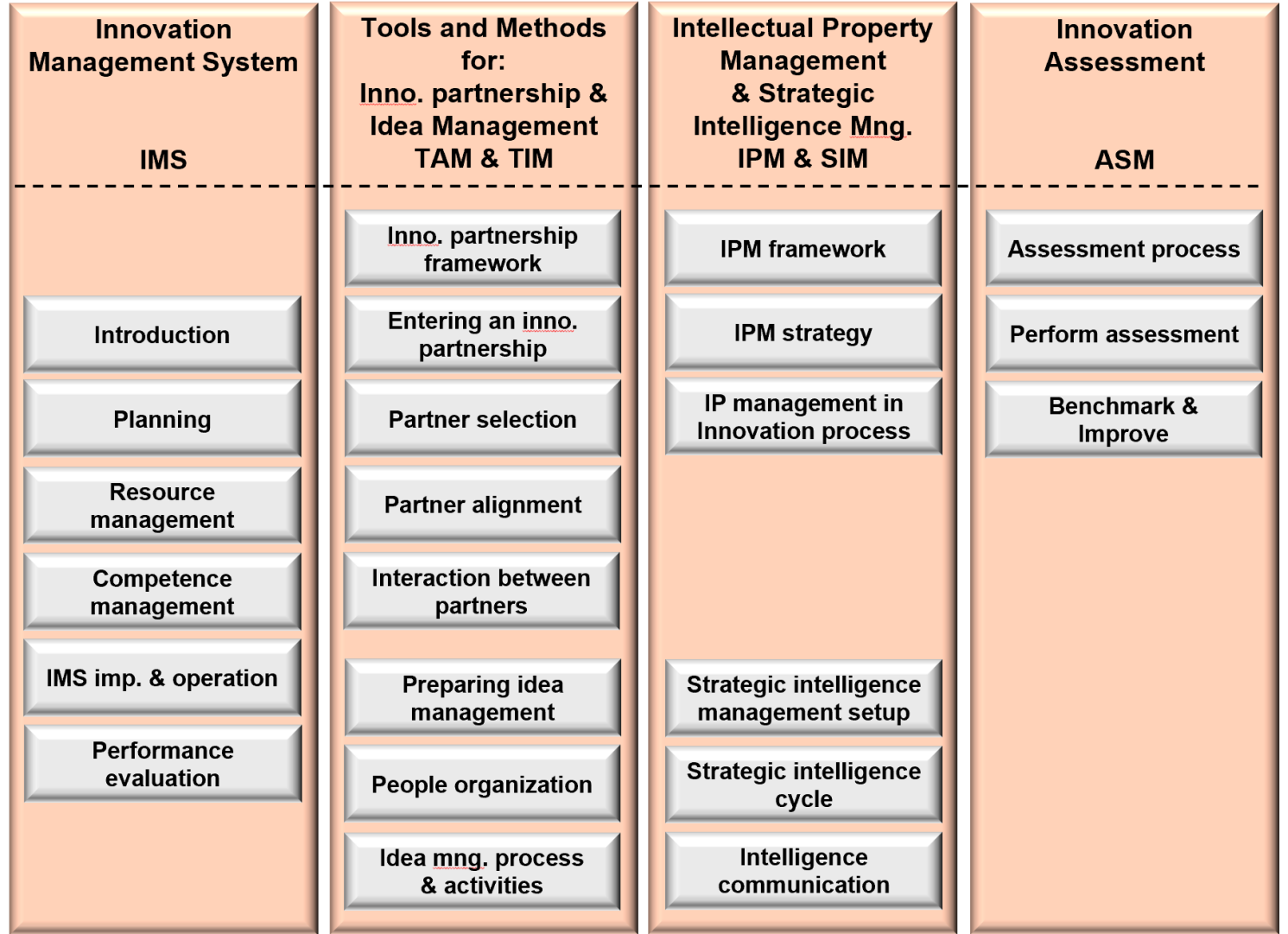
Dipl.Ing. Damjan Ekert, ISCN GesmbH, Instructor and Principal Assessor

ISO 5600x

Document Name	Description
ISO 56000:2020	Innovation management — Fundamentals and vocabulary
ISO/AWI 56001	Innovation management — Innovation management system — Requirements
ISO 56002:2019	Innovation management — Innovation management system — Guidance
ISO 56003:2019	Innovation management — Tools and methods for innovation partnership — Guidance
ISO/TR 56004:2019	Innovation Management Assessment — Guidance
ISO 56005:2020	Innovation management — Tools and methods for intellectual property management — Guidance
ISO 56006:2021	Innovation management — Tools and methods for strategic intelligence management — Guidance
ISO/DIS 56007	Innovation management — Tools and methods for idea management — Guidance
ISO/CD 56008	Innovation management — tools and methods for innovation operation measurements — Guidance
ISO/DTS 56010	Innovation management - Illustrative examples of ISO 56000

While norm parts will update, the basic process landscape derived will stay.

ISO 5600x Process Model

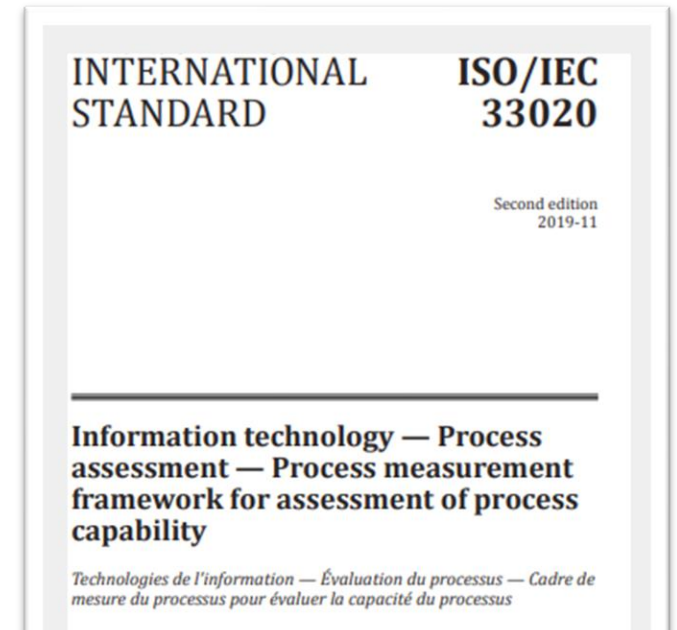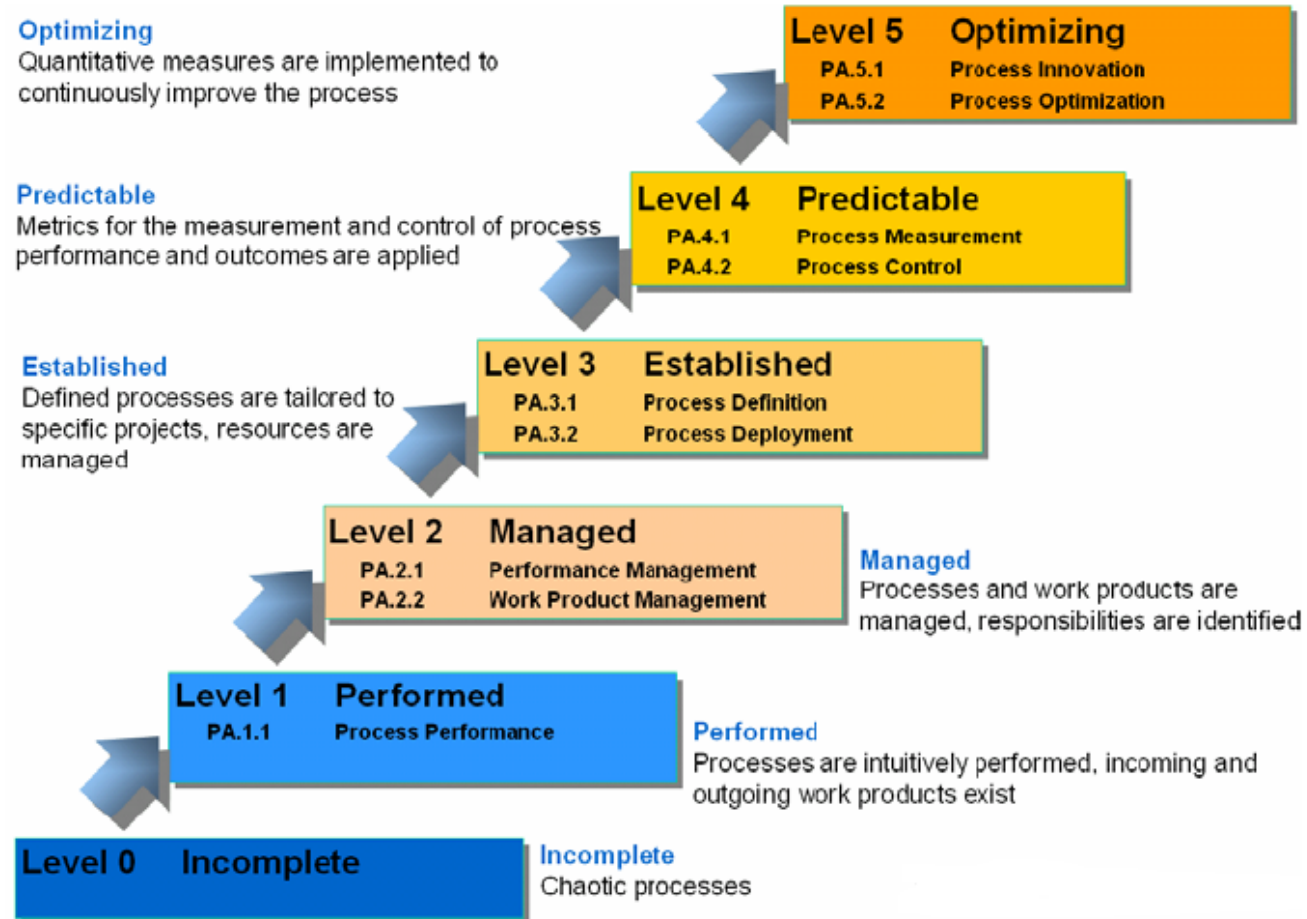| Innovation Management System IMS	Tools and Methods for: Inno. partnership & Idea Management TAM & TIM	Intellectual Property Management & Strategic Intelligence Mng. IPM & SIM	Innovation Assessment ASM
	Inno. partnership framework	IPM framework	Assessment process
Introduction	Entering an inno. partnership	IPM strategy	Perform assessment
Planning	Partner selection	IP management in Innovation process	Benchmark & Improve
Resource management	Partner alignment		
Competence management	Interaction between partners		
IMS imp. & operation	Preparing idea management	Strategic intelligence management setup	
Performance evaluation	People organization	Strategic intelligence cycle	
	Idea mng. process & activities	Intelligence communication	

ISO 33020 Measurement Framework

Defines a **process measurement framework** for the process quality characteristic of process capability.

The process measurement framework in the ISO 33020 conforms to the requirements of ISO/IEC 33003 and is applicable to any **domain**.

ISO/IEC 330XX: Series of standards for Process assessments

INTERNATIONAL STANDARD

ISO/IEC 33020

Second edition 2019-11

Information technology — Process assessment — Process measurement framework for assessment of process capability

Technologies de l'information — Évaluation du processus — Cadre de mesure du processus pour évaluer la capacité du processus

Capability Levels

Optimizing
Quantitative measures are implemented to continuously improve the process

Level 5   Optimizing
PA.5.1   Process Innovation
PA.5.2   Process Optimization

Predictable
Metrics for the measurement and control of process performance and outcomes are applied

Level 4   Predictable
PA.4.1   Process Measurement
PA.4.2   Process Control

Established
Defined processes are tailored to specific projects, resources are managed

Level 3   Established
PA.3.1   Process Definition
PA.3.2   Process Deployment

Level 2   Managed
PA.2.1   Performance Management
PA.2.2   Work Product Management

Managed
Processes and work products are managed, responsibilities are identified

Level 1   Performed
PA.1.1   Process Performance

Performed
Processes are intuitively performed, incoming and outgoing work products exist

Level 0   Incomplete

Incomplete
Chaotic processes

Assessment Rating & Level Achievement

1. All practices for a process (Base Practices) are rated with the NPLF- method.
2. The single ratings for practices are aggregated into a total rating for a process or process attribute which again receives a NPLF evaluation. (in most cases the average is calculated from the single ratings and mapped onto the NPLF intervals e.g. L from 51 to 85)
3. If the process is rated with L or F, level 1 is achieved.
4. Also all process attributes on the higher levels are rated with the NPLF-method.
5. A capability level can only be achieved if all ratings at lower levels are fully, thus take care that you complete all requirements at lower levels.

Process attributes on higher levels are generic and are applied on all processes.

Interval in %			Rating	
0	-	15	N	Not achieved	(not achieved)
16	-	50	P	Partially	(partially)
51	-	85	L	Largely	(largely)
86	-	100	F	Fully achieved	(fully)

ISO 33020 Measurement Framework

CALCULATION

Capability Level Attributes for 2024 01 ISO 56000 Assessment L1 - L5 ⓘ

Processes	Assessors	Attributes 1	2.1	2.2	3.1	3.2	4.1	4.2	5.1	5.2
IMS.1 Leadership	Laura Aschbacher	50%								
IMS.4 Competence Management	Laura Aschbacher	100%	84%	100%	50%	34%				
IPM.2 IP Strategy	Laura Aschbacher	56%								
SIM.1 Strategic Intelligence Management Setup	Laura Aschbacher	76%	67%	50%						
SIM.3 Intelligence Communication	Laura Aschbacher	100%	84%	100%	50%	33%				
TAM.4 Partner Alignment	Laura Aschbacher	22%								
		1	2.1	2.2	3.1	3.2	4.1	4.2	5.1	5.2

On the screenshot you can see the different processes on the left and the rating of the corresponding process attributes on the right. After being assessed, the tool aggregates the single practice ratings to an overall process attribute rating with N/P/L/F and a percentage.

The Capability Adviser Assessment Report

In the final stages of the assessment a detailed report will be generated by the Capability Adviser Tool.

Assessment Report Innovation Management Assessment

Component X Project

30.01.23

State	Name	Date	Signature
Created			
Reviewed			
Approved			

Experiences from Practice

MA Laura Aschbacher, EuroSPI GesmbH, Innovation Expert & Provisional Assessor

Dr Richard Messnarz, ISCN GesmbH, Instructor and Principal Assessor

Dipl.Ing. Damjan Ekert, ISCN GesmbH, Instructor and Principal Assessor

ISCN
www.iscn.com
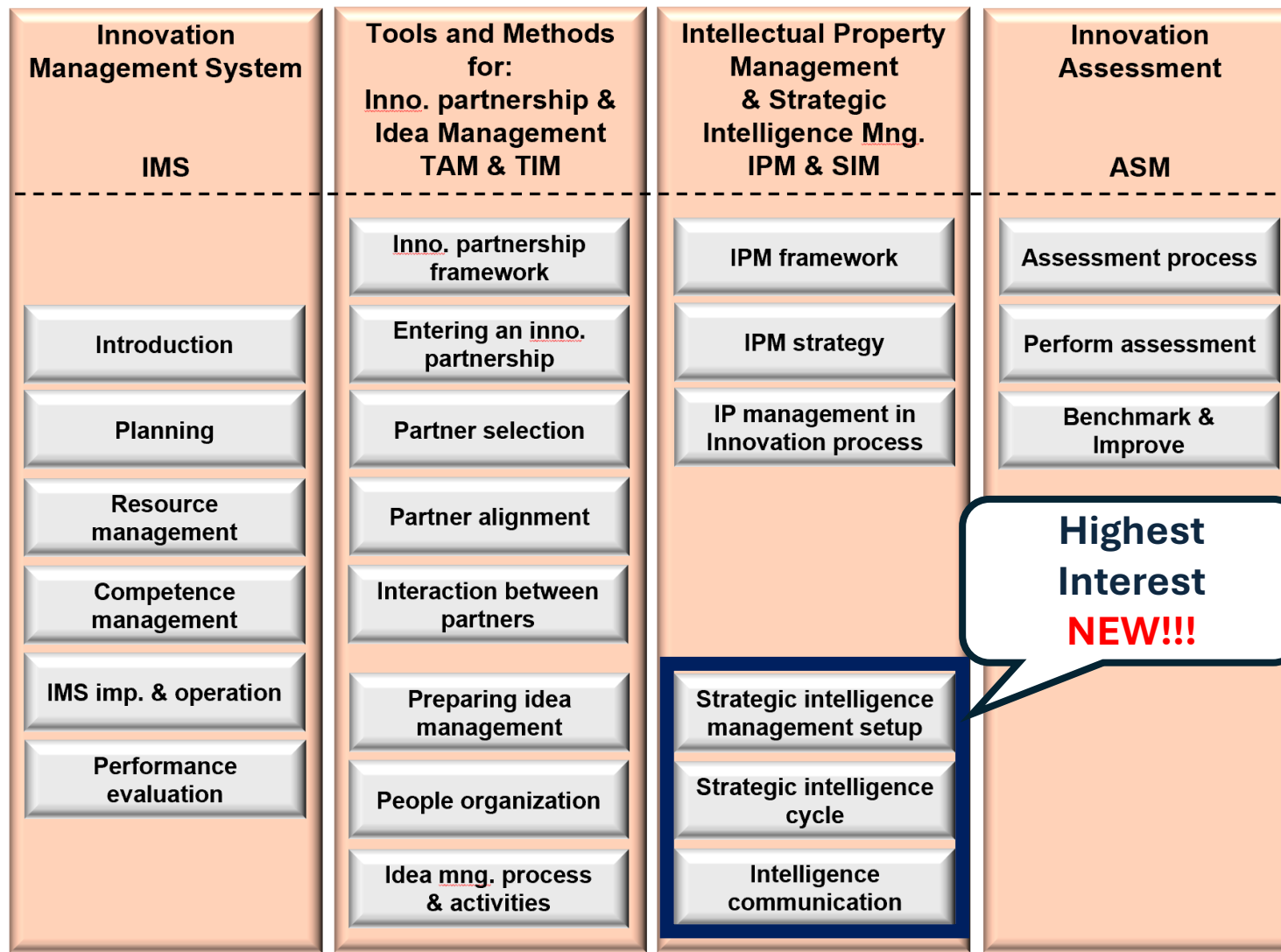
Experience from Trials

Trials with **4 world leading organisations** in **automotive, medical, IT, and defense**, plus a European network.

Content related:

All 4 found most interesting the **SIM process group**.

In SIM in cooperation with an MBA study at TU Graz a further set of **sub-criteria, sub-questions and cases** have been analysed.

The conclusion is that leadership requires the **strategic analysis of data to make right decisions** for innovation projects.

Norm Related:

The new ISO 56000 **creates a framework which allows to map your organization to a future innovation driven** networked **company** architecture with networked ideas, competencies, partners, and data etc. and protection of IPR.

Task Force Build Up

Task Force under ASA Automotive Skills Allliance Set Up.

https://automotive-skills-alliance.eu/

Task Force:

Advisory Expert Panel, Training and Certifiers, Innovation Agent Job Role and the Assessment Tool is one of the tools trained (a pool of methods is provided as well)

Foundation (invitations started 20.8.2024):

The task force is founded, more members can join.

https://conference.eurospi.net/images/DownloadCenter/Innovation-Agent-Task-Force-Committee-Agreement.pdf

So far (in 2 weeks) **27 experts** from **Austria, Belgium, Bulgaria, Czech Republic, Denmark, Egypt, Finland, France, Germany, Greece, Ireland, Japan, Latvia, Netherlands, Nigeria, North America, Romania, Slovenia, Sweden, Turkey, joined already**.

The advisory panel membership is based on an invitation and check, in case of interest send an email to Dr Richard Messnarz, rmess@iscn.com
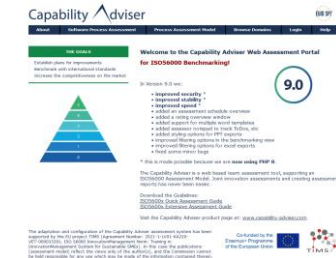
Task Force Build Up
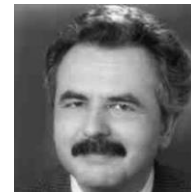
R. Messnarz   L. Aschbacher   D. Ekert

Expert Panel and Country Contact Points

M. Zelmenis
Latvia

A. Riel
France

B. Gallina
Sweden

D. Aust
Germany

J. Johansen
Denmark

H. Theodorie
Netherlands

J. Hyland
Canada

D. Stevens
Belgium

K. Siakas
Finland

M. Tudor
Romania

M. Stefanova –
Pavlova
Bulgaria

M. Zorman
Slovenia

M. Yilmaz
Turkey

S. Norimatsu
Japan

O. Odeleye
Nigeria

L. Pörtner
Germany

P. Ckarke
Ireland

R. Mayer
Germany

R. Bogdan
Romania

S. Samer
Egypt

S. Stolfa
Czech Republic

T. Ntinou
Greece

R. Edlmann
Germany

Bahadur Shah
Germany

EU Support

EU Blueprint DRIVES (2018-2022)
Sector skills study shows **innovation is placed on top position 4 of required job roles**.

EU Project TIMS (2023-2024)
Developed **training materials and assessment portal** for innovation management systems based on upcoming ISO 56000 norm series.

EU Blueprint FLAMENCO (2023-2024) For the exploitation of Blueprints in the green mobility area the Automotive Skills Alliance has been formed as an association. FLAMENCO **developed a service model to launch job roles with certificates for the sector.** FLAMENCO **launches the innovation agent task force and certification** in 2024 **.** TIMS materials will also contribute to the knowledge pool.

Marie Curie OpenInnoTrain (2018-2022)
Openinnotrain sponsors travel cost of researchers to **work together in innovation topics** (no effort is funded)

Thank you for cooperating with ISCN

ISCN is INTACS certified training provider for Automotive SPICE assessor courses and is certified by VDA to hold provisional and competent ASPICE assessor courses

ISCN moderates the German task force SOQRATES (https://soqrates.eurospi.net) since 2003 where >20 Tier 1 collaborate on ASPICE, Safety and Security.

ISCN organises the EuroSPI conference since 1994 where e.g. VW is organising a workshop community, and VW, Rheinmetall AG, EB, MAGNA, AVL held key notes. https://www.eurospi.net, EuroSPI certificates are issued by EuroSPI Certificates & Services GmbH (www.eurospi.net) in cooperation with DRIVES and the Automotive Skills Alliance (ASA). The ASA was founded by the EU Blueprint Project Drives and ALBATTS with support from the European Automobile Manufacturers' Association (ACEA). https://automotive-skills-alliance.eu/