



TIMS - TRAINING IN INNOVATION MANAGEMENT SYSTEM FOR SUSTAINABLE SMES

INNOVATION ASSESSMENT - ISO 56000 BASED ASSESSMENT DEVELOPMENT

EUROSPI TECHDAY 29.8.2022 AND EUROSPI CONFERENCE 1.9.2022



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PROJECT TIMS AIMS

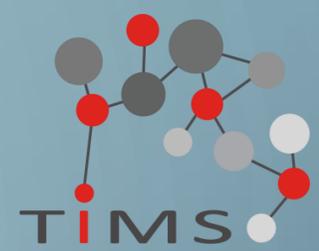
- Address the ones who need to acquire knowledge to initiate and implement innovative ideas or projects in organizations and to assist the organizations **to scale up the existing quality management system to innovation management system for launching the competitive strategy;**
- Support the setting up of and access to upskilling path way sfor VET learners with tailored learning offers, specially designed for SMEs environments;
- Increasing learning demand and take-up through effective outreach, guidance and motivation strategies which support the Upskilling Pathways to ensure that VET learners have access to relevant learning throughout life;
- Extending and developing the competences of educators and VET personal, by improving teaching methods and tools through effective use of innovative solutions and digital technologies;
- **Promoting innovation in European SMEs and Nigerian SMEs as the main tool to facilitate sustainability, learning throughout life, and adjusting to the changes** – like the pandemic crisis - at the European level;
- Help to reduce individual innovation investment of European and Nigerian SMEs (mainly small enterprises) fostering a Knowledge Europe-Africa and SME competitiveness;
- **Promote transnational networking and exchange between enterprises and VET providers at the European level,** applying theory to the European business scene, through the practical work performed under the TIMS project;



ISO 56000 INNOVATION MANAGEMENT 2/2

- ISO 56000 - Innovation management — Fundamentals and vocabulary
- ISO 56001 (Draft) - Innovation management — Requirements for Innovation Management Systems
- ISO 56002 - Innovation management — Innovation management system — Guidance
- ISO 56003 - Innovation management — Tools and methods for innovation partnership — Guidance

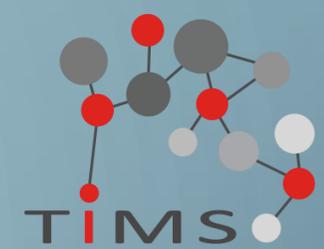




ISO 56000 INNOVATION MANAGEMENT 1 / 2

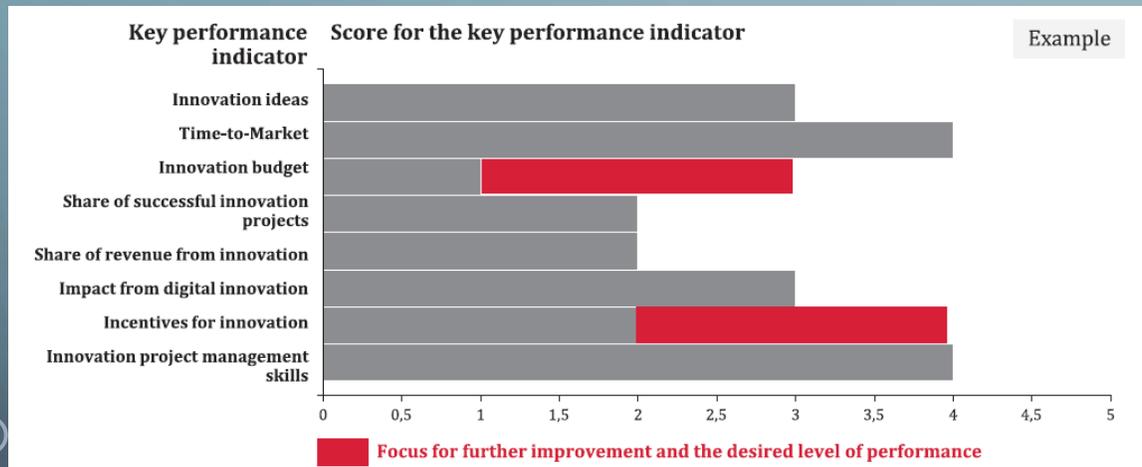
- ISO/TR 56004 - Innovation Management Assessment — Guidance
- ISO 56005 - Innovation management — Tools and methods for intellectual property management — Guidance
- ISO 56006 - Innovation management — Tools and methods for strategic intelligence management — Guidance
- ISO 56007/DIS - Innovation management — Tools and methods for idea management — Guidance



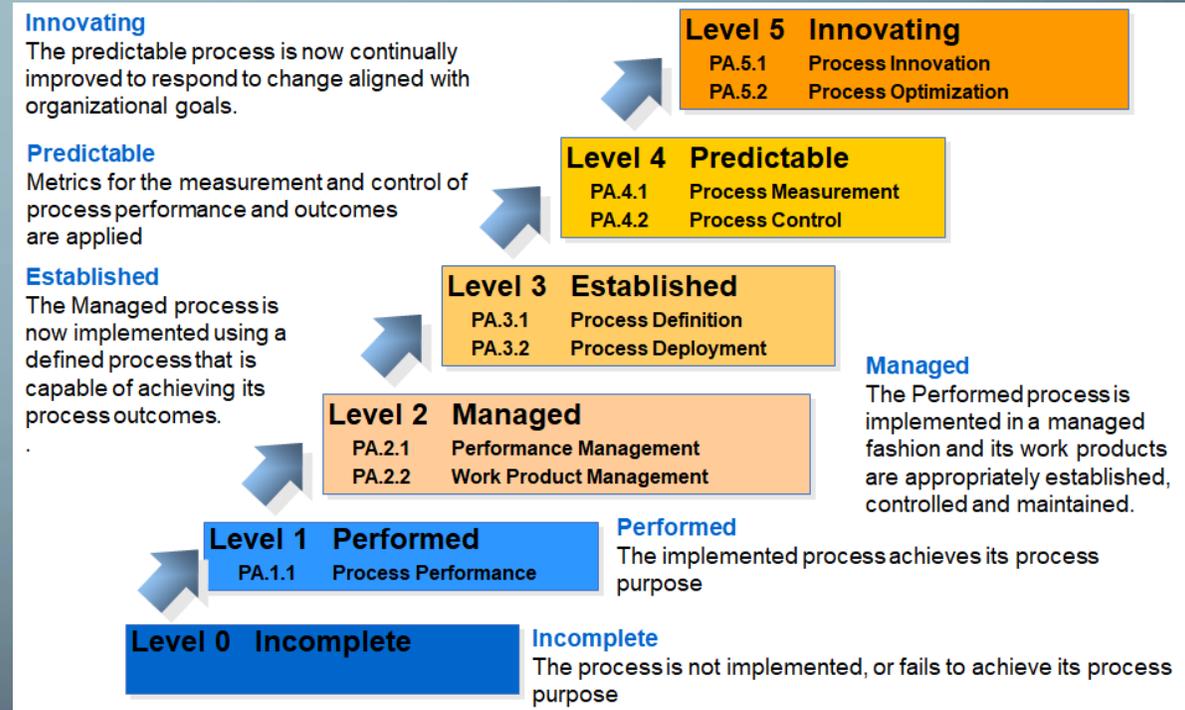


ISO 330XX AND ISO/TR 56004 ASSESSMENT AND INNOVATION NORM INTEGRATED

- Profile of innovation capability



ISO/TR 56004 Figure B.4



ISO 56000 BASED AND ISO 33020 COMPLIANT PROCESS REFERENCE MODEL DEVELOPMENT



- Process Descriptions and Landscape

PID	Standard Names / Processes	Mapping	Old Mapping
IMS	Innovation Management System	ISO 56002	TS 16555-1
IMS.0	Establish Innovation Management system		
IMS.1	Leadership		
IMS.2	Planning (Risk Management)		
IMS.3	Support		
IMS.4	Operation		
IMS.5	Performance Evaluation		
IMS.6	Improvement		
TaM	Tools and Methods for Innovation Partnerships	ISO 56003	TR 16555-5
TaM.1	Innovation Partnership Framework		
TaM.2	Entering an innovation partnership		
TaM.3	Partner selection		
TaM.4	Partner alignment		
TaM.5	Interaction between partners		
ASM	Assessment	ISO 56004	TR 16555-7
ASM.1	Assessment Process		
ASM.2	Prepare and Plan Assessment		
ASM.3	Conduct Assessment		
ASM.4	Conclude		
	Use Assessment Results for Improvement		

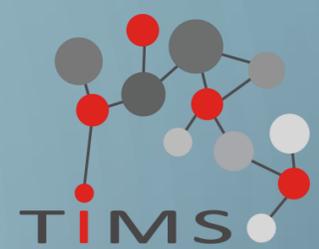
Example extract from TIMS PRM (Process Reference Model).

The PRM is derived from the ISO 56000 series relevant chapters and grouping by a process landscape.



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CAPABILITY ADVISER SET UP FOR ISO 56000 SELF ASSESSMENT AND INDEPENDENT ASSESSMENT

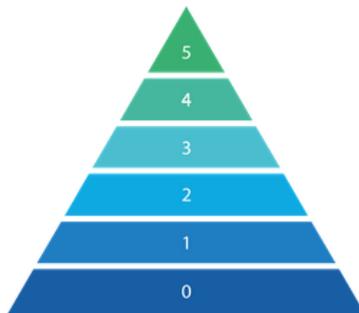


Capability Adviser

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THE GOALS

Establish plans for improvements
Benchmark with international standards
Increase the competitiveness on the market



Welcome to the Capability Adviser Web Assessment Portal

The Version 8.3 includes:

- Instanced processes
- Improved assessment report with BP- and GP-Matrices
- New and improved consolidation functionalities
- Streamlined report assessor workflow
- Progressbar and reminder functions so you never miss a rating
- Weakness export for import into your ticket system
- API Database for Power BI
- Small bug fixes and improvements

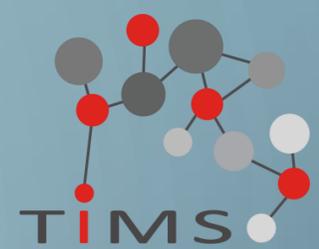
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CAPABILITY ADVISER SET UP FOR ISO 56000 SELF ASSESSMENT AND INDEPENDENT ASSESSMENT

All Units

- + ASM.1 Assessment Process
- + ASM.2 Prepare and Plan Assessments
- + ASM.3 Conduct Assessments
- + ASM.4 Conclude
- + ASM.5 Use Assessment Results for Improvement
- IMS.0 Introduction
 - » IMS.0 1
 - » IMS.0 2
 - » IMS.0 3
 - » IMS.0 4
 - » IMS.0 5
- + IMS.1 Leadership
- + IMS.2 Planning
- + IMS.3 Support
- + IMS.4 Operation
- + IMS.5 Performance Evaluation
- + IMS.6 Improvement
- + IPM.1 IPM Framework
- + IPM.2 IP Strategy
- + IPM.3 IP Management in Innovation Processes
- + IREQ.1 tbd
- + IREQ.2 tbd
- + IREQ.3 tbd
- + IREQ.4 tbd
- + MEASURE.1 tbd
- + MEASURE.2 tbd
- + MEASURE.3 tbd
- + MEASURE.4 tbd
- + SIM.1 Fundamentals
- + SIM.2 SI Cycle

TIMMS v0.1 Demo ISO 56000 Assessment

Introduction -

IMS.0 1: Summary Notes Save All Evidences Recommendations Rules

IMS.0.BP1 Determine relevant internal and external factors and opportunities. Factors relevant to the organization's purpose (mission) affecting the ability to achieve the intended results, and areas of opportunity should be determined.

N P L F Not App. Note

Strengths:

Current competitors do not have the joint rating of innovation approach (using an advanced infrastructure).

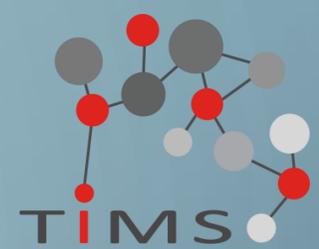
Weaknesses:

Our network of innovators includes Europe and USA, more involvement of Africa needed (here markets working towards Europe develop quickly now). We are well connected to Automotive, defence and automotive share in some areas same knowledge, network to be extended.

Comments/Suggestions:

Develop strategy to involve actors/innovators from other domain and from Africa (Egypt and Nigeria as first priority)





CAPABILITY ADVISER SET UP FOR ISO 56000 SELF ASSESSMENT AND INDEPENDENT ASSESSMENT

Capability Level Attributes for Demo ISO 56000 Assessment ⓘ

Processes	Assessors	Attributes									
		1	2.1	2.2	3.1	3.2	4.1	4.2	5.1	5.2	
IMS.0 Introduction	Richard Messnarz	L	L	F	L	L					
		1	2.1	2.2	3.1	3.2	4.1	4.2	5.1	5.2	

ISO 33020 based Process Attribute Profile

Capability Level Attributes for Demo ISO 56000 Assessment

PROCESSES	ASSESSORS	CAPABILITY LEVEL				
		1	2	3	4	5
IMS.0 Introduction	Richard Messnarz	1				
		1	2	3	4	5

ISO 33020 based Process Capability Profile



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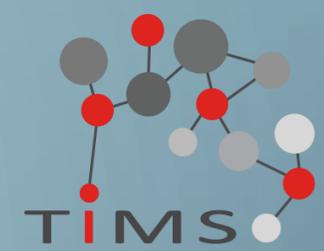


NEST STEPS – 2022/2023

- Development of PRM
- Configuration of Assessment System (Extension for Self Assessment)
- Trial Assessments and Training
- Rollout of Training and Assessment in 2023/2024



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