



Innovate or Evaporate



**ASQ North Jersey Section 304
SPRING QUALITY CONFERENCE 2023**



**Frank Voehl
CEO
20-20 Innovation**



**Rick Fernandez
President
20-20 Innovation**

This material is the intellectual property of 20-20 Innovation, Inc. Any copies or other use of these materials without prior written consent is a violation of the copyright laws of the US.

© 2021-2023 All rights reserved by 20-20 Innovation, Inc.

Web Site: www.2020-Innovation.com



Some Take Aways

- **Discover** the Opportunities, Make new ideas viable and implementable
- Gain ideas to **Launch & Introduce** new products and services
- **Start Innovation Efforts** in your life and organization
- There are 5 Exercises which will be used to internalize and prepare the participant for the 3 items above.

Outline Overview of Foundation Level 1

WHAT IS INCLUDED

- SDG Sustainable Goals as Supported by ISO Standards
- Starting with Why
- Pains
- VUCA
- Benefits
- Your Role in an Innovation Management System
- Individual Development Pathway
- Ecosystem
- Value Driven Innovation
- Your Recipe for Innovation Success
- IMS Principles
- S3 – Part of Foundations Level 2
- M5
- Competencies
- IMS as the Business Operating System
- Bibliography

WHAT IS NOT INCLUDED

- Not focused on tools
- Not focused on ISO 56002 clauses

Simon Sinek's Golden Circle

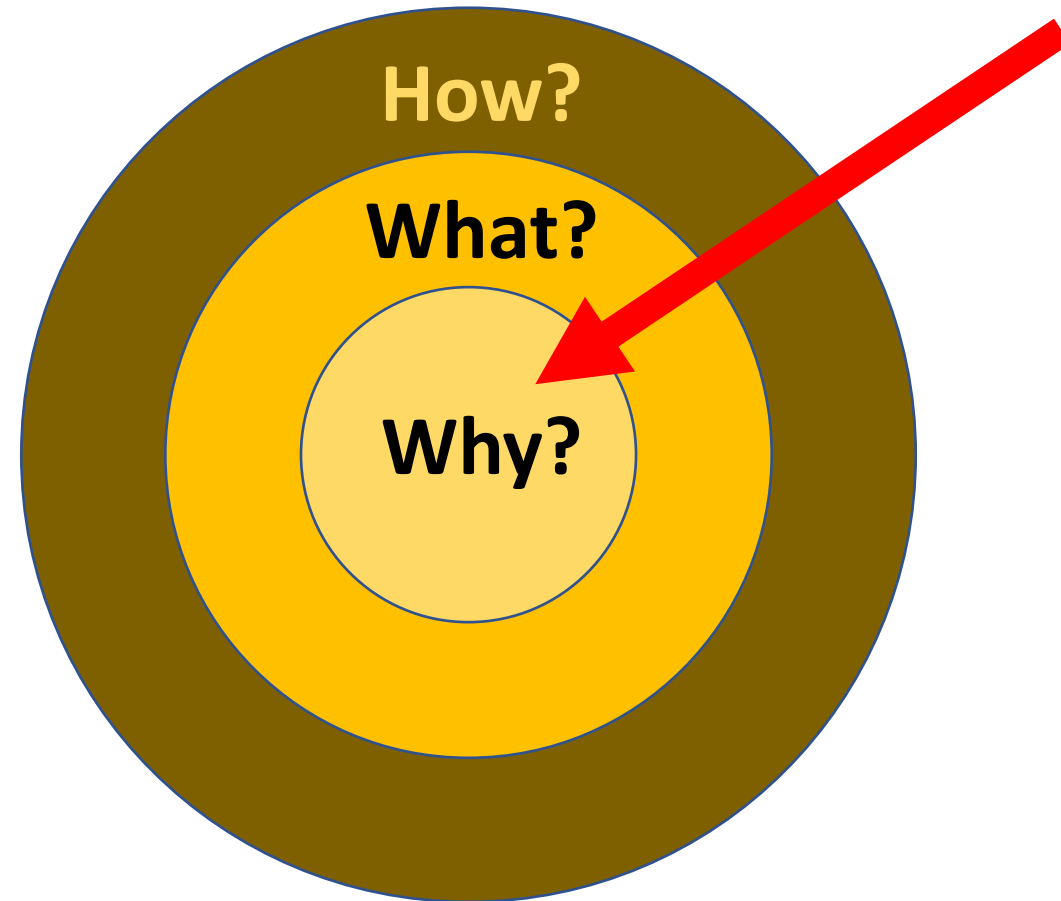


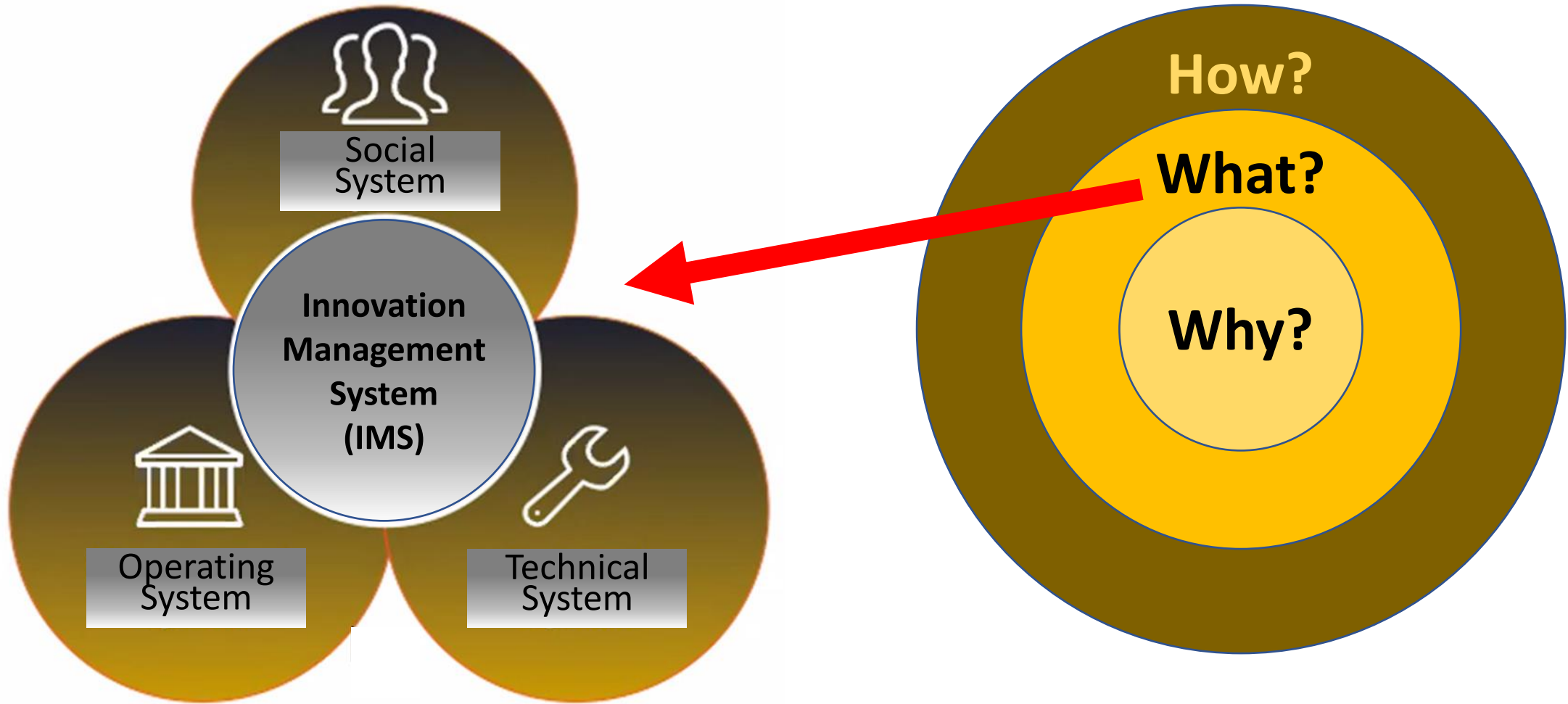
Starting with Why

Innovation has moved
from being an option
to a **requirement**

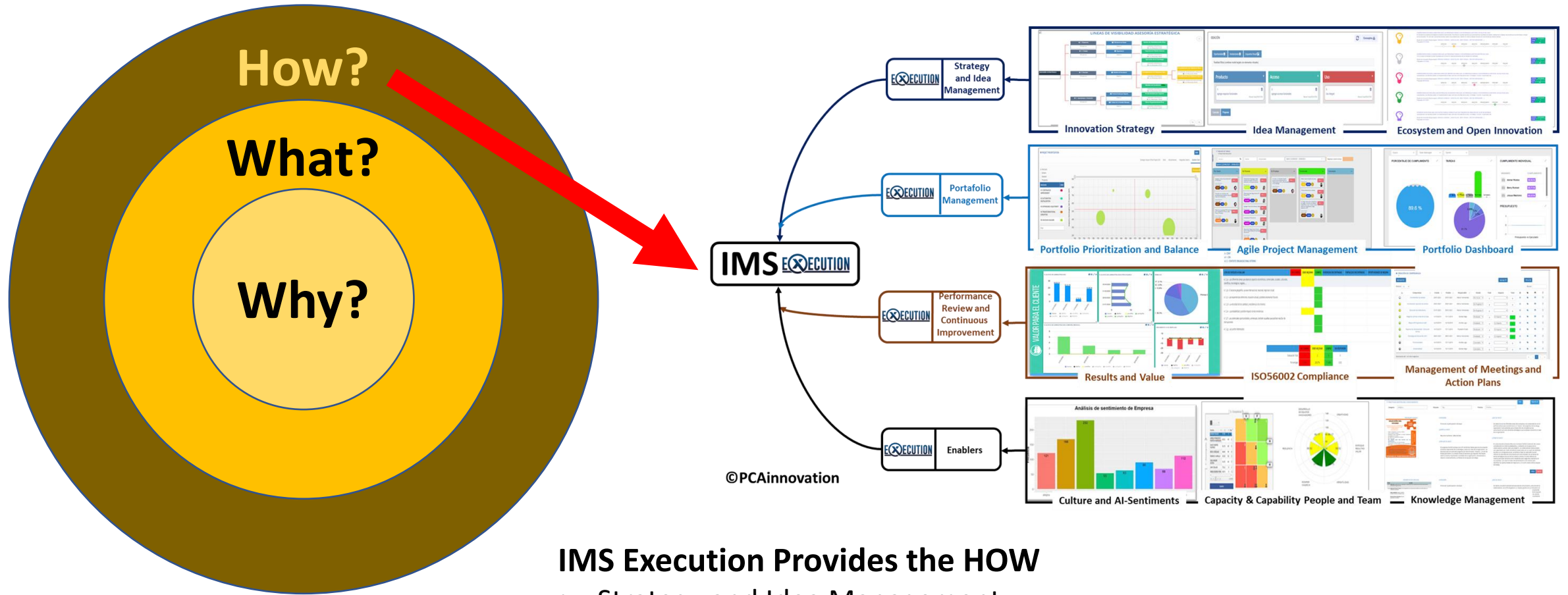
Google is in danger of losing its search superiority because Microsoft has come up with ChatGPT4 and integrated it into their search engine. It is starting to win converts to BING and threatening Google.

Case in point. Samsung just announced it moving its default search engine to BING instead of Google in all its devices.





- The IMS cultivates a fertile environment by allowing innovation to take root and blossom throughout the organization.
- It is important for leaders to promote innovation to their team members.
- They need to establish an innovative imperative , by the actions they take to encourage team members to seek new and creative ideas.



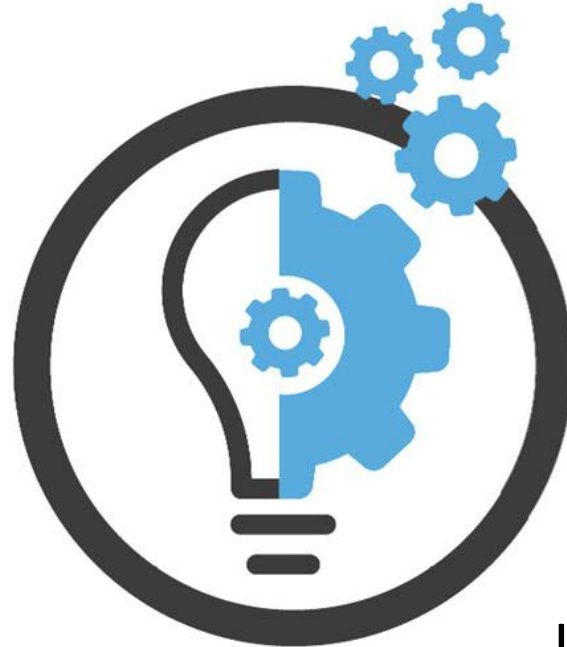
IMS Execution Provides the HOW

- Strategy and Idea Management
- Portfolio Management
- Performance Review and Continuous Improvement
- Enablers
 - ✓ Culture and Sentiments
 - ✓ Capacity and Capability People and Teams
 - ✓ Knowledge Management

ISO 56002 – Innovation Management System Integration with Other MS Standards (HLS)



ISO 56002
Innovation



ISO 22301
Resilience



ISO 9001
Quality

ISO 14001
Environmental

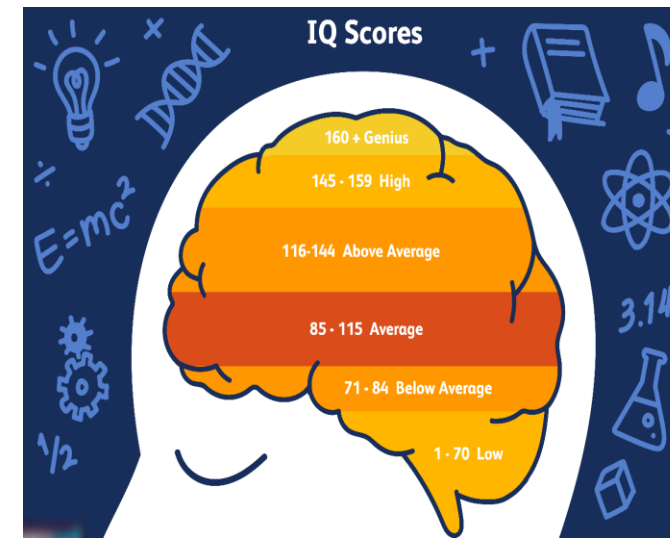


These standards can be applied to any organization, large or small, regardless of its product or service and regardless of its sector of activity.

Fighting the Virus with the Innovation Quotient (IQ)

A company's Innovation Quotient (IQ) consists of five scales, just as a person's IQ consists of

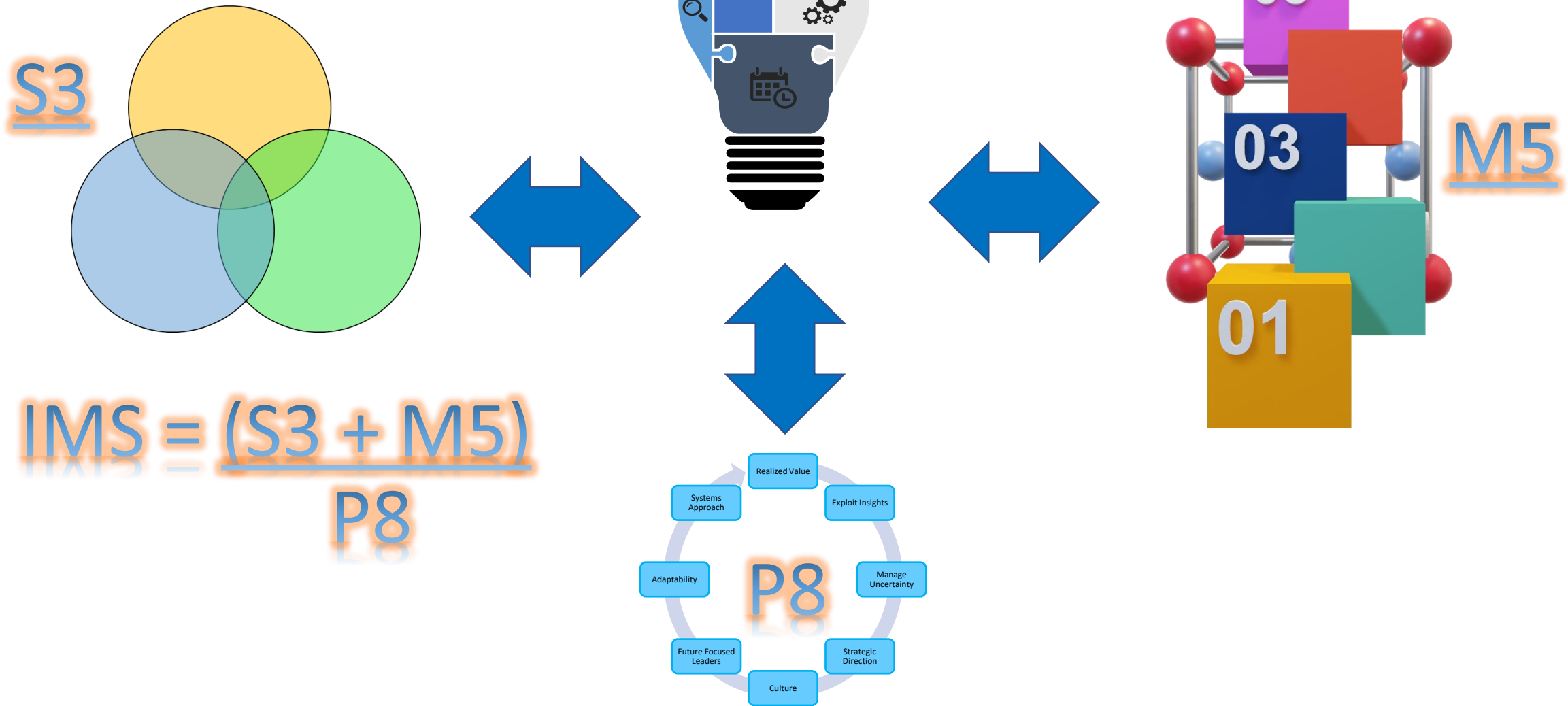
- Verbal Comprehension
- Visual Spatial
- Fluid Reasoning
- Working Memory, and
- Processing Speed.



For an organization, its IQ consists of Seven areas:

- Innovation Culture and Competencies
- Process Management
- Innovation Project Management
- Innovation Portfolio Management
- Knowledge Management
- Innovation Operations Measurement
- Assess and Improve the IMS

Your Recipe for Innovation Success:



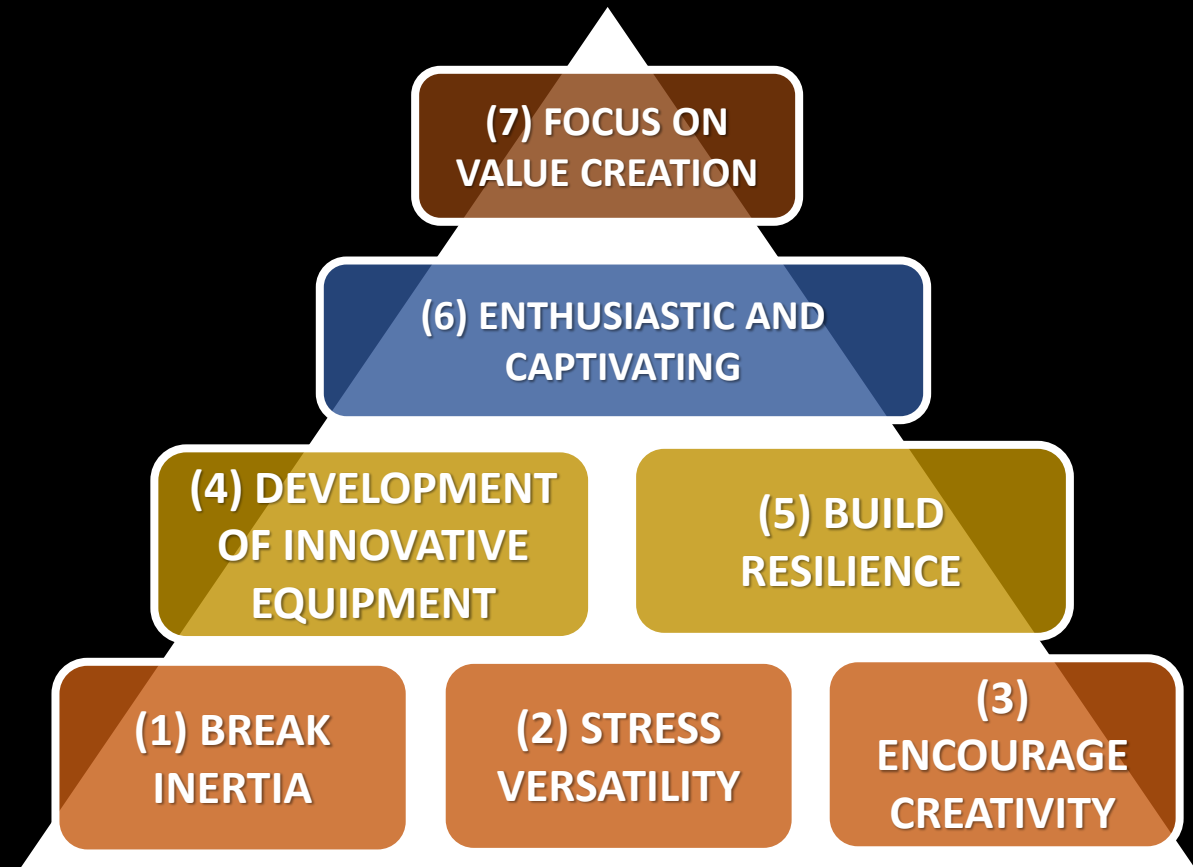


COMPETENCY

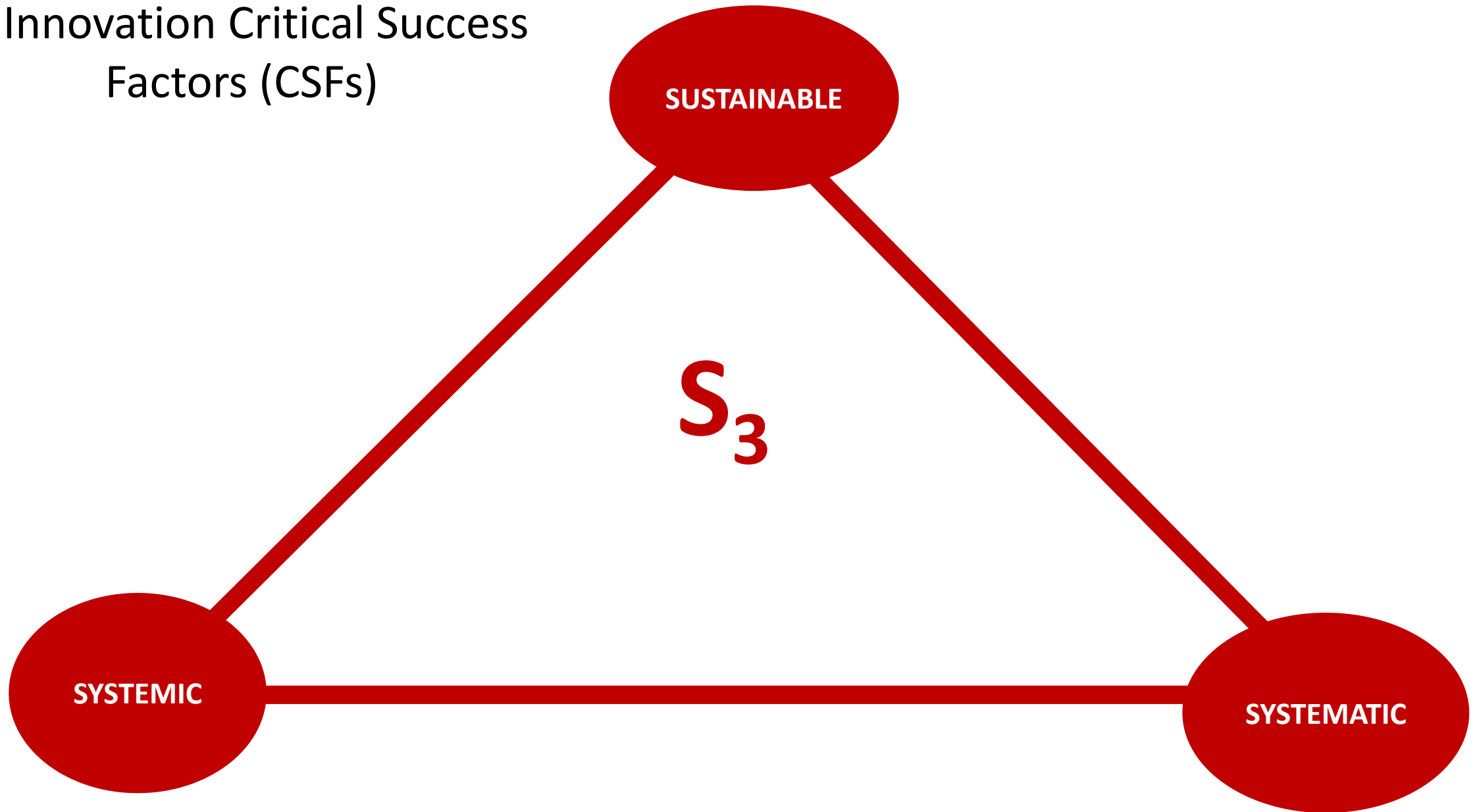
Building Blocks

LEADERSHIP FOR INNOVATION

COMPETENCIES-ENABLERS-BEHAVIORS



4. Innovation Critical Success Factors (CSFs)



IMS EXECUTION

EXECUTION Strategy and Idea Management

Innovation Strategy | **Idea Management** | **Ecosystem and Open Innovation**

EXECUTION Portafolio Management

Portfolio Prioritization and Balance | **Agile Project Management** | **Portfolio Dashboard**

EXECUTION Performance Review and Continuous Improvement

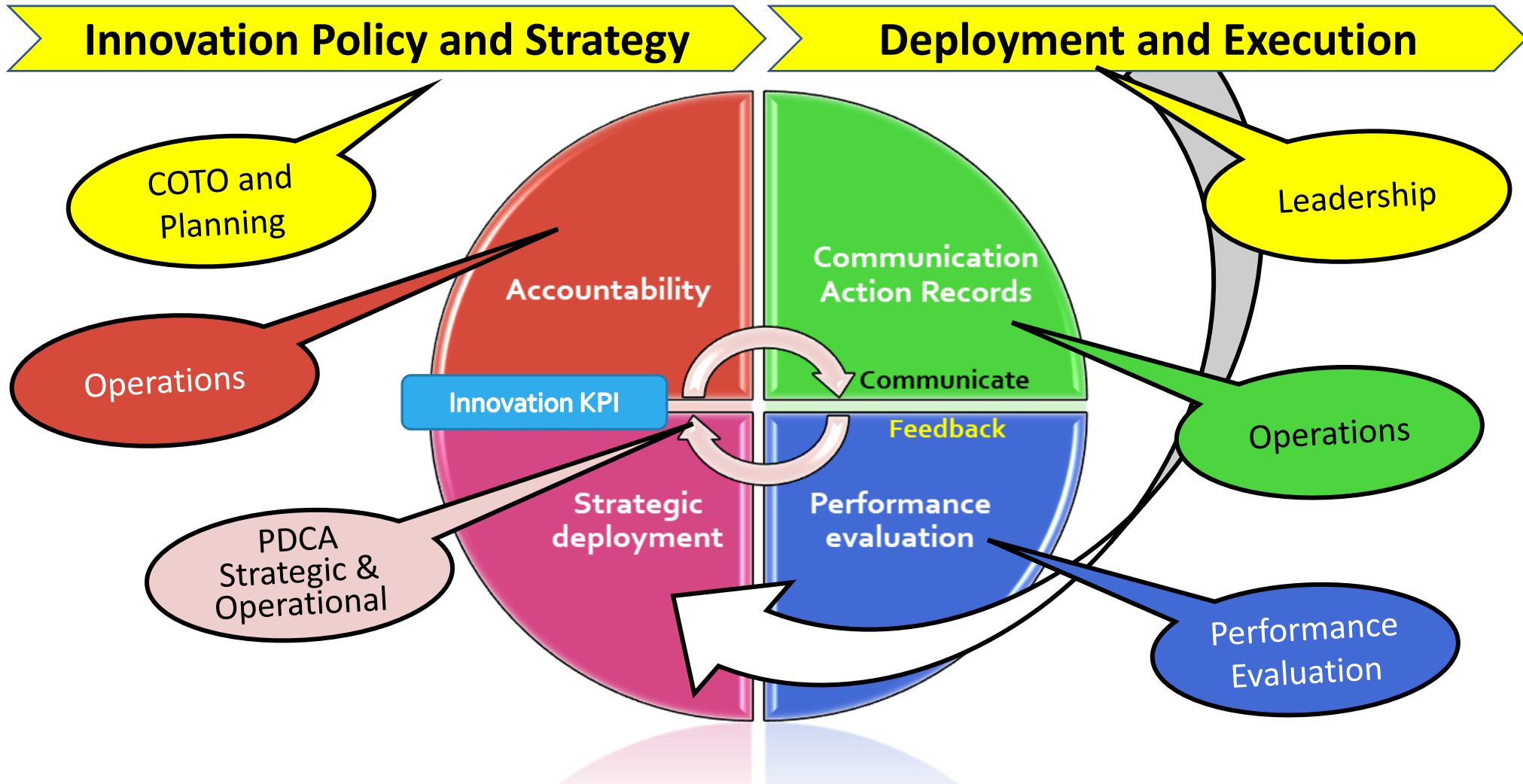
Results and Value | **ISO5602 Compliance** | **Management of Meetings and Action Plans**

EXECUTION Enablers

Culture and AI-Sentiments | **Capacity & Capability People and Team** | **Knowledge Management**

©PCAinnovation

INNOVATION MANAGEMENT SYSTEM THE BUSINESS OPERATING SYSTEM



INNOVATION MANAGEMENT SYSTEM THE BUSINESS OPERATING SYSTEM

Innovation Policy and Strategy

Deployment and Execution

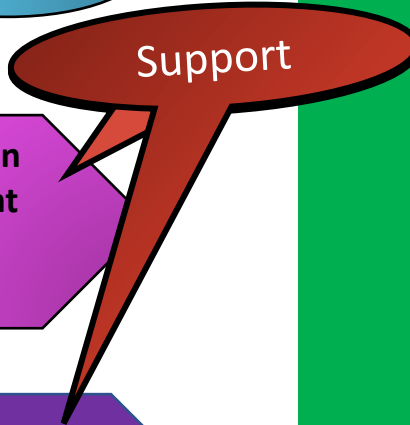
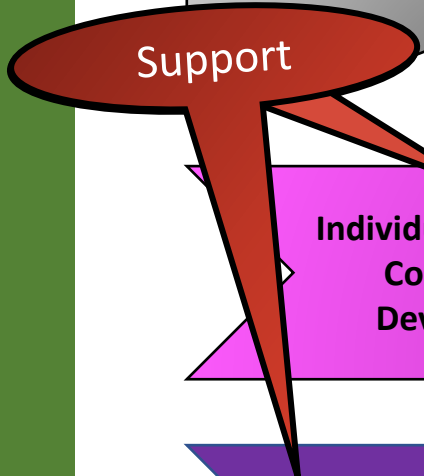
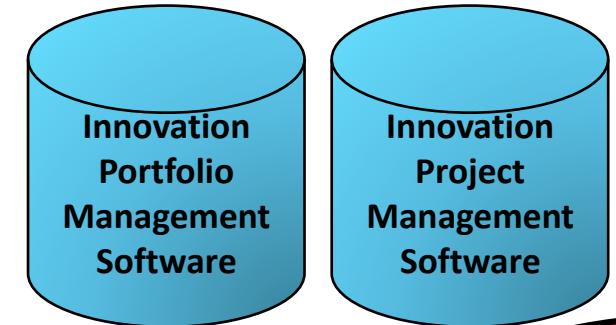
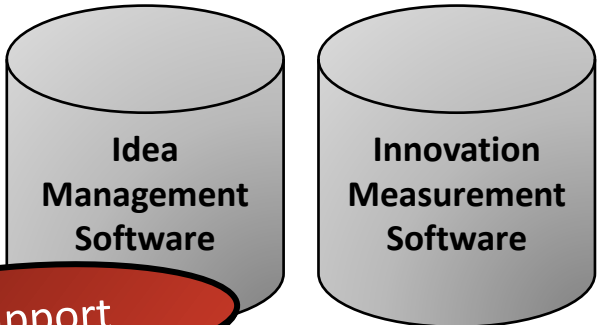
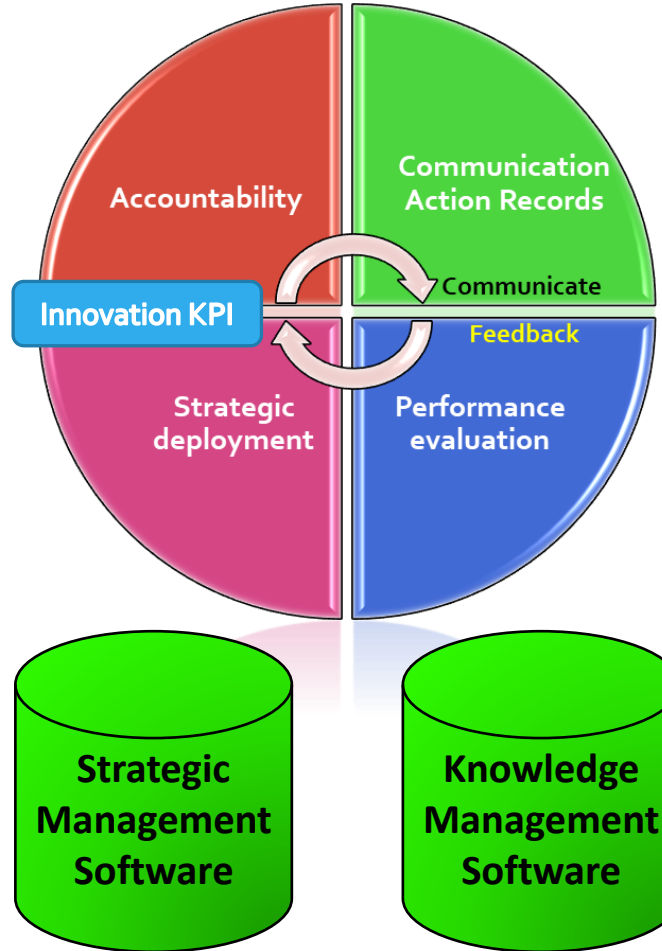


Innovation Policy and Strategy

Deployment and Execution

Innovation Management Process

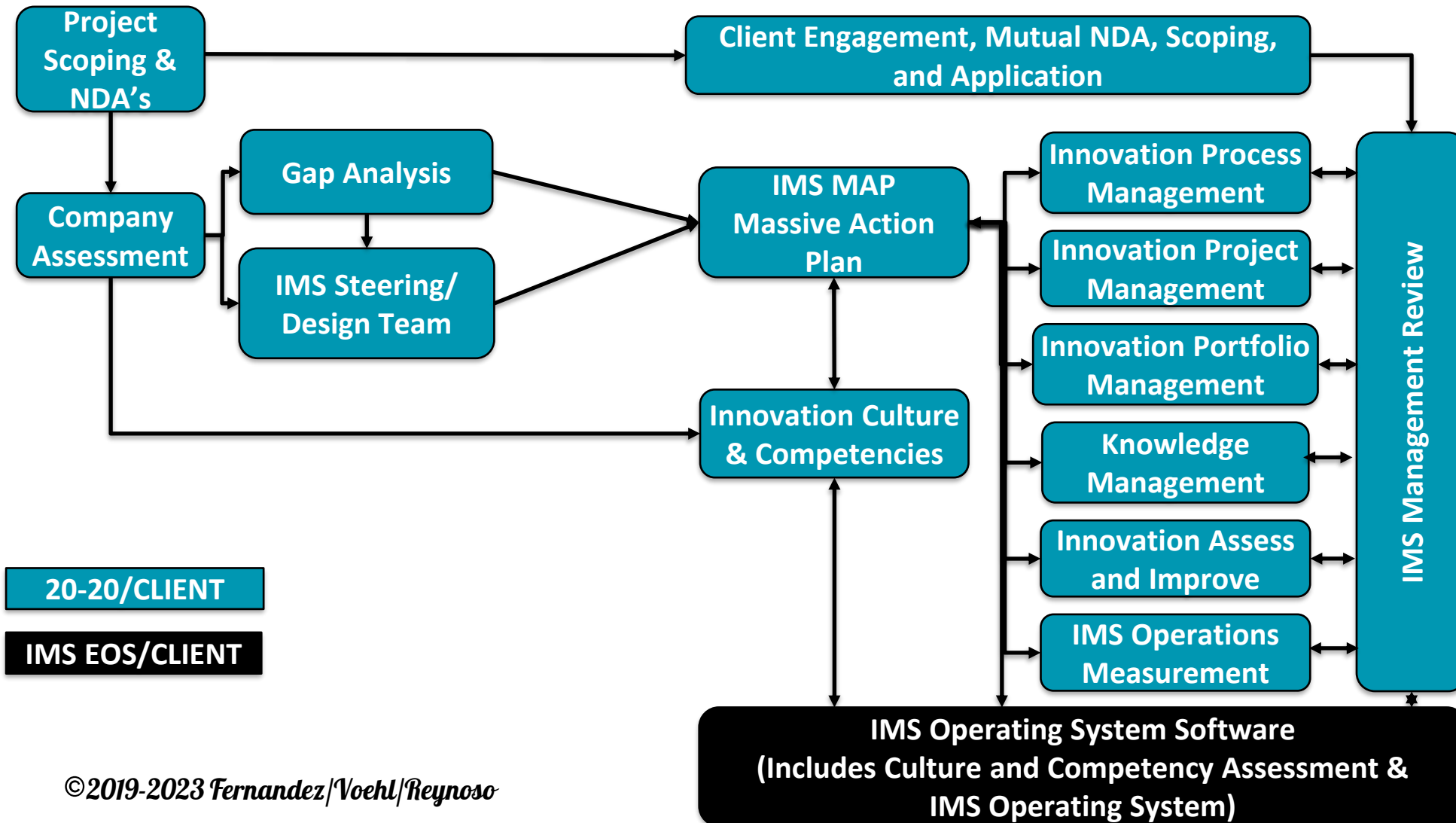
Innovation Project Management Process



Communicate & Transform Innovation Culture

Innovation Benchmarking & Best Practices

INNOVATION MANAGEMENT SYSTEM(IMS) DEPLOYMENT PLAN



20-20/CLIENT
IMS EOS/CLIENT

©2019-2023 Fernandez/Voehl/Reynoso

What is Your Role in Innovation Management



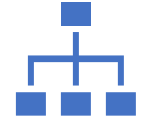
Collecting data on the company's current performance.



Running diagnostic tests.



Measuring performance against industry benchmarks.



Figuring out organizational needs and bottlenecks.



Participating in Innovation Teams



Ensuring the linkage of programs to company goals.



Working with leaders and department heads to solve specific problems



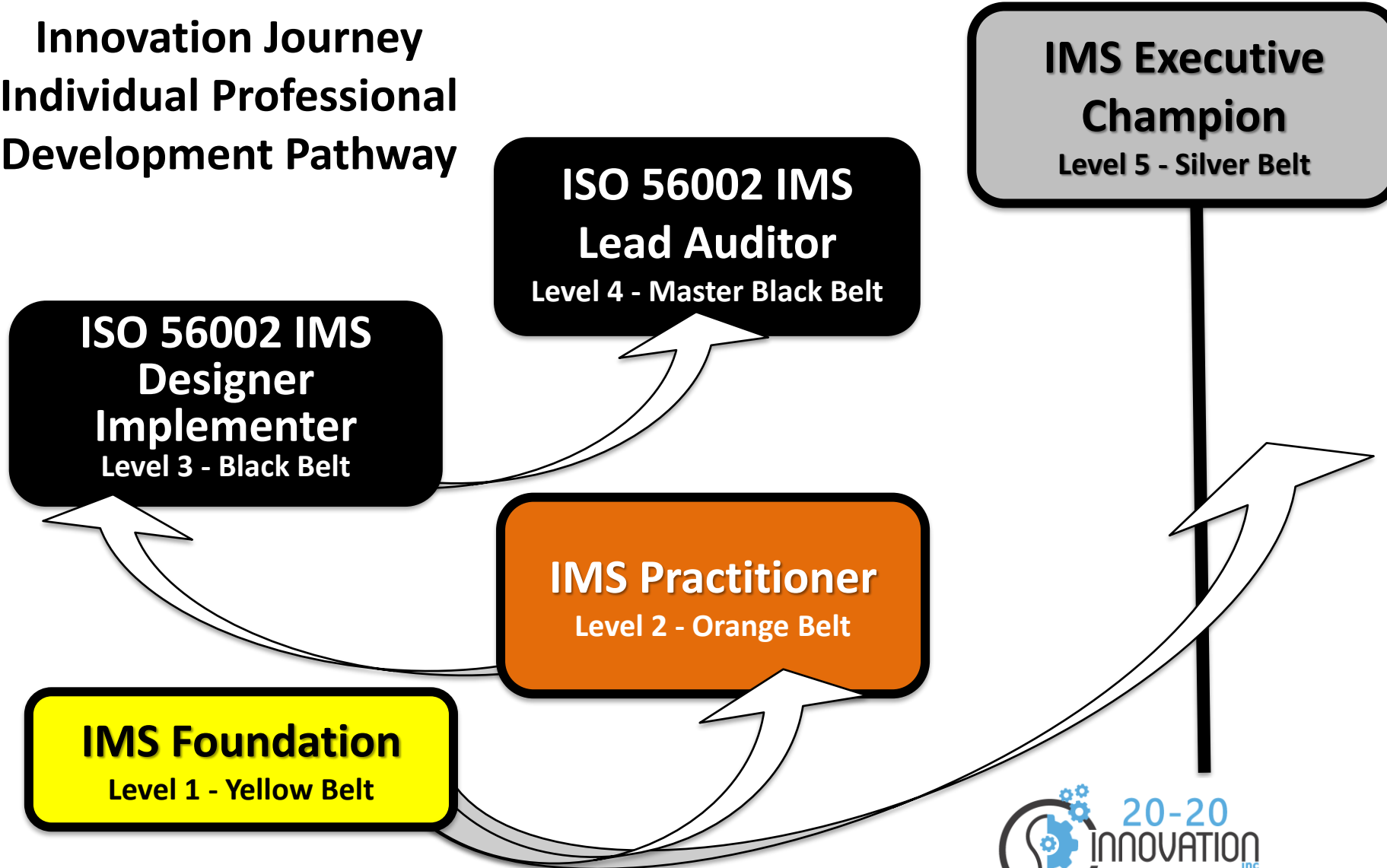
Exercise #1

How does Innovation Benefit your Organization

- Step 1 – Go to workbook and read each of the 5 the item descriptions related to this exercise
- Step 2 – Score between 1 (low) to 5 (high) as to how valid the statement in the description applies to you individually.
- Step 3 – Provide a short explanation of your rationale to discover why you scored at the level you identified. 5 minutes
- Step 4 – Now as a team generate ideas/opportunities for you to launch and startup this group of Benefits in your organization. 10 minutes.

Innovation Journey Models for Individuals and Organizations

Innovation Journey Individual Professional Development Pathway

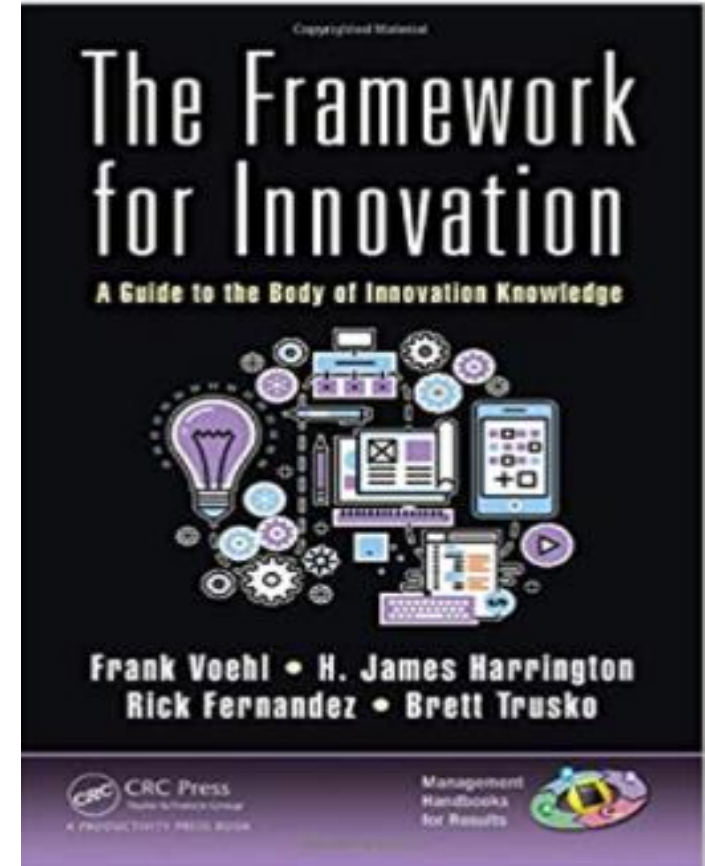


Innovation Journey Organizational Development Pathway



Innovation Bibliography

- ***The Framework for Innovation***, by Voehl, Harrington, Fernandez & Trusko
- ***Total Innovation Management Excellence (TIME)***, by Voehl & Harrington
- ***The Innovation Systems Cycle***, by Harrington & Voehl
- ***The Innovation Tools Handbooks***, Three Volume Handbook Set, by Harrington & Voehl
- ***Deming: The Way We Knew Him***, by Frank Voehl
- ***Business Innovation for Dummies v2***, by Hiam, Voehl & Fernandez
- ***Knowledge Management Excellence***, by Harrington & Voehl





Frank Voehl, LSSGMBB, CPM/CPI

Cell: +1 (954) 830-1366

Email: FrankV@2020-Innovation.com

Web Site: www.strategyassociates.cc



Rick Fernandez, LSSBB, CPM

Cell: +1 (305) 804-3481

Email: RickF@2020-Innovation.com

Web Site: www.2020-Innovation.com