

INSTITUTE FOR PERFORMANCE EXCELLENCE



BALDRIGE | PERFORMANCE EXCELLENCE | QUALITY | LEADERSHIP

**The Baldridge Foundation
Institute for Performance Excellence**

Presents:

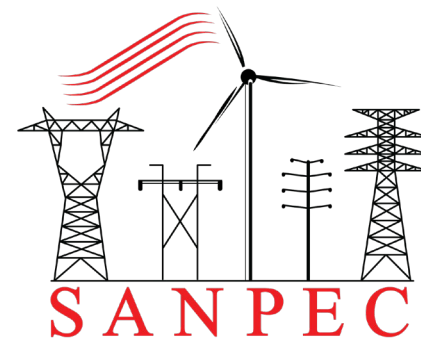
Optimizing Your Journey to Excellence

Integrating Business Architecture, AI, and Process Management

July 30, 2024



Mac Baldrige Society Members



Opening Remarks/Agenda

Introduction **Al Faber**, President & CEO
Baldrige Foundation

Panelist **Lourdes Gonzalez**, Principal Advisor
Lulu Process Design Group

**Audience
Questions** **Moderator – Al Faber**

Closing **Al Faber Remarks**

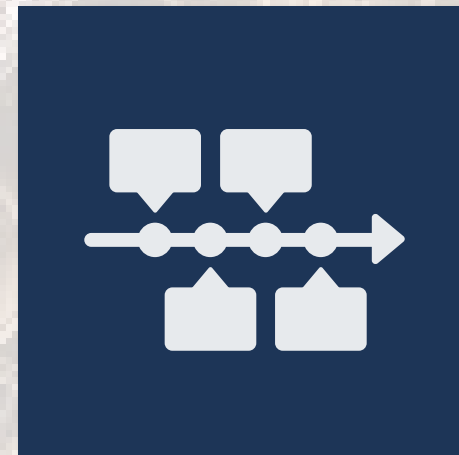
OUR JOURNEY TODAY

Optimizing Your Journey to Excellence: Integrating Business Architecture, AI, and Process Management



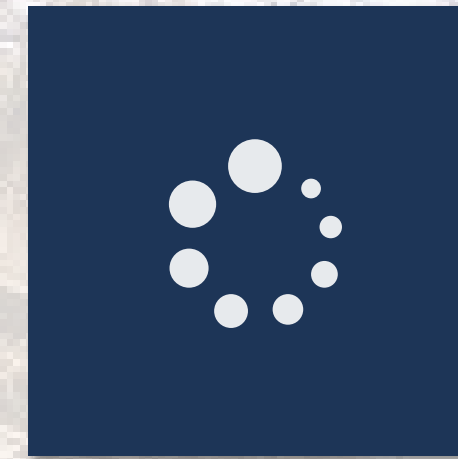
Baldrige Excellence Framework & Business Architecture

- Baldrige: a Compass for Success
- Fundamental Concepts of Business Architecture
- Alignment: Business architecture + Baldrige framework



AI + Process Architecture

- How to develop a process architecture
- Leveraging AI technologies to increase efficiency on process design
- AI + BPM Tips



Building a Culture for Active Process Management

- What is active process management?
- Key tools & techniques that help achieving process excellence



Augmenting Your Workforce Capability

- Tools and Tips for Effectively Preparing your People for Process Changes and for an AI-enabled future

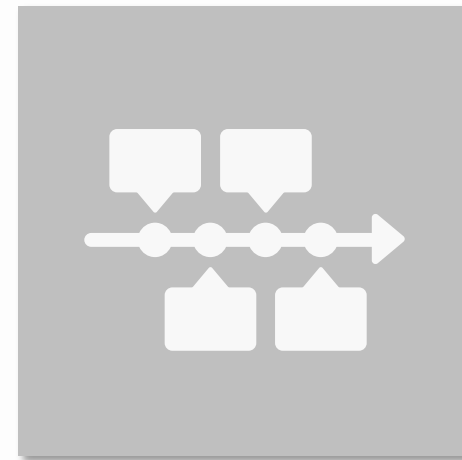
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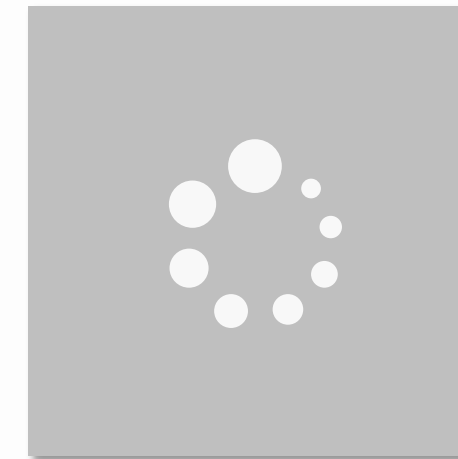
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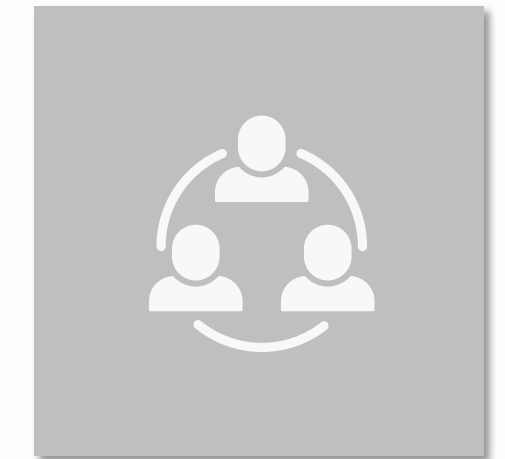
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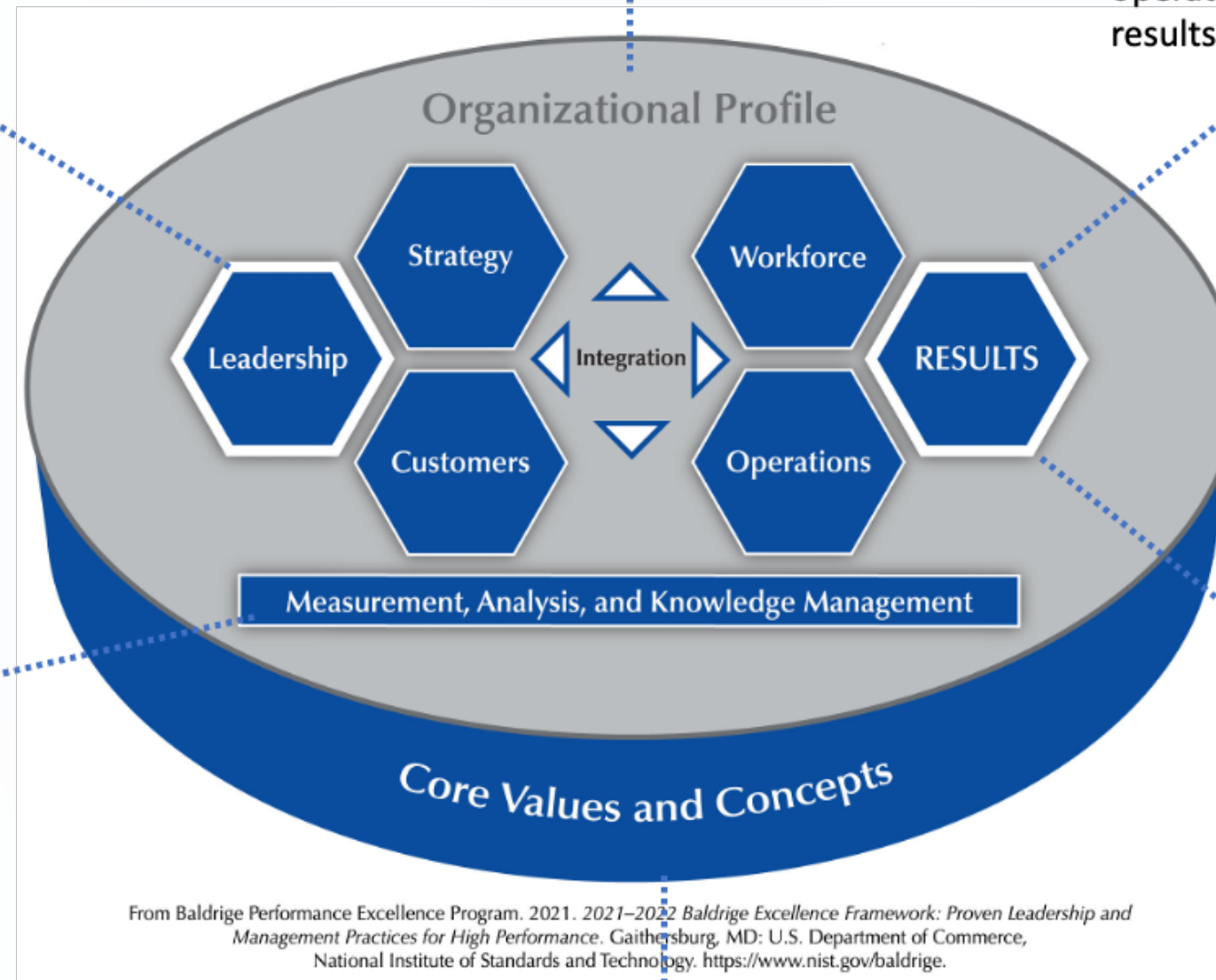
Baldrige Excellence Framework | A System Perspective

The **leadership** triad emphasizes the importance of a leadership focus on strategy and customers.

The **Organizational Profile** sets the context of the organization. It serves as a background of what they do.

The **results** triad includes the organization's workforce-focused processes, its key operational processes, and the performance results they yield.

The **system foundation** is critical to effective management and to a fact-based, knowledge-driven, agile system for improving performance and competitiveness.



From Baldrige Performance Excellence Program. 2021. 2021–2022 Baldrige Excellence Framework: Proven Leadership and Management Practices for High Performance. Gaithersburg, MD: U.S. Department of Commerce, National Institute of Standards and Technology. <https://www.nist.gov/baldrige>.

The basis of the Criteria is a set of **Core Values and Concepts** that are embedded in high-performing organizations.

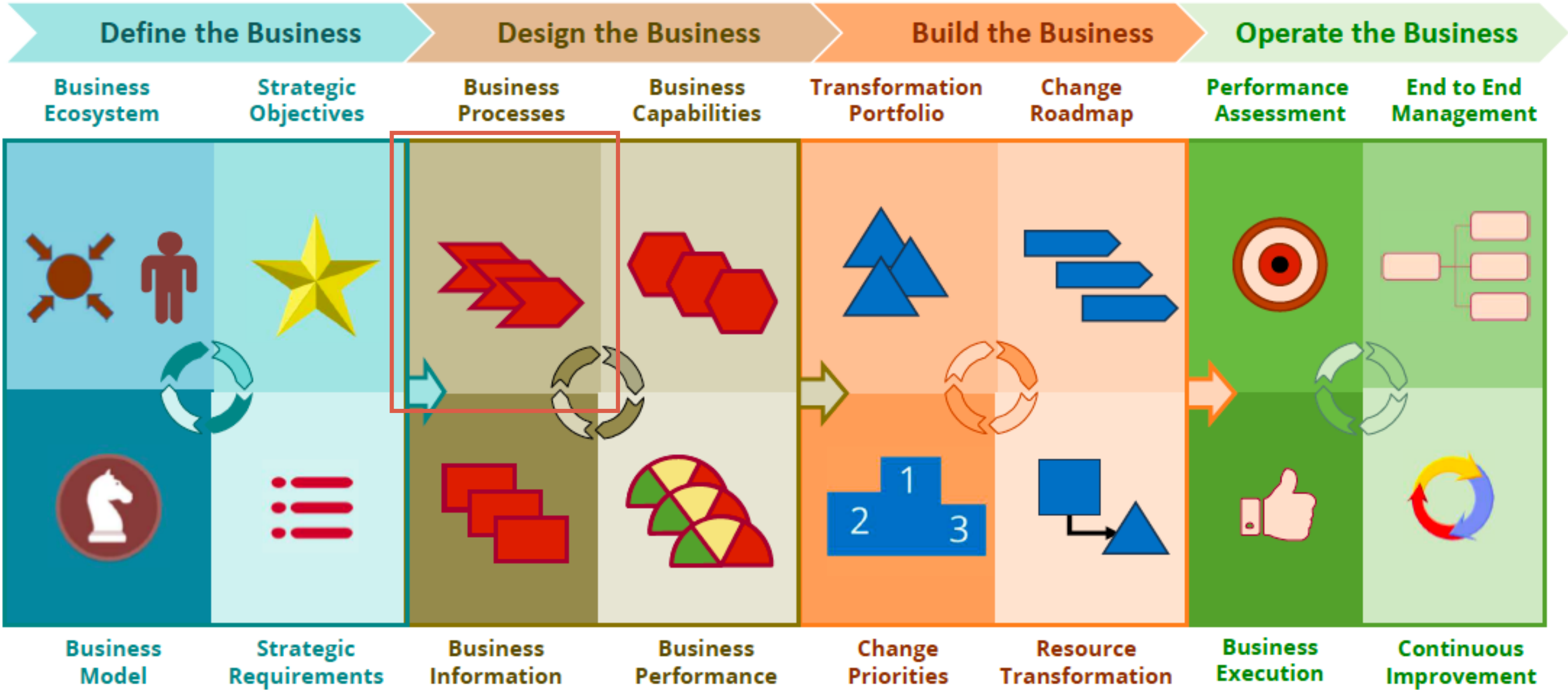
All actions lead to **Results** - a composite of product and processes; customer; workforce; leadership and governance; and financial, market, and strategy results.

Integrating Baldrige AND Business Architecture

The **LEADERSHIP** triad emphasizes the importance of a leadership focus on strategy and customers.

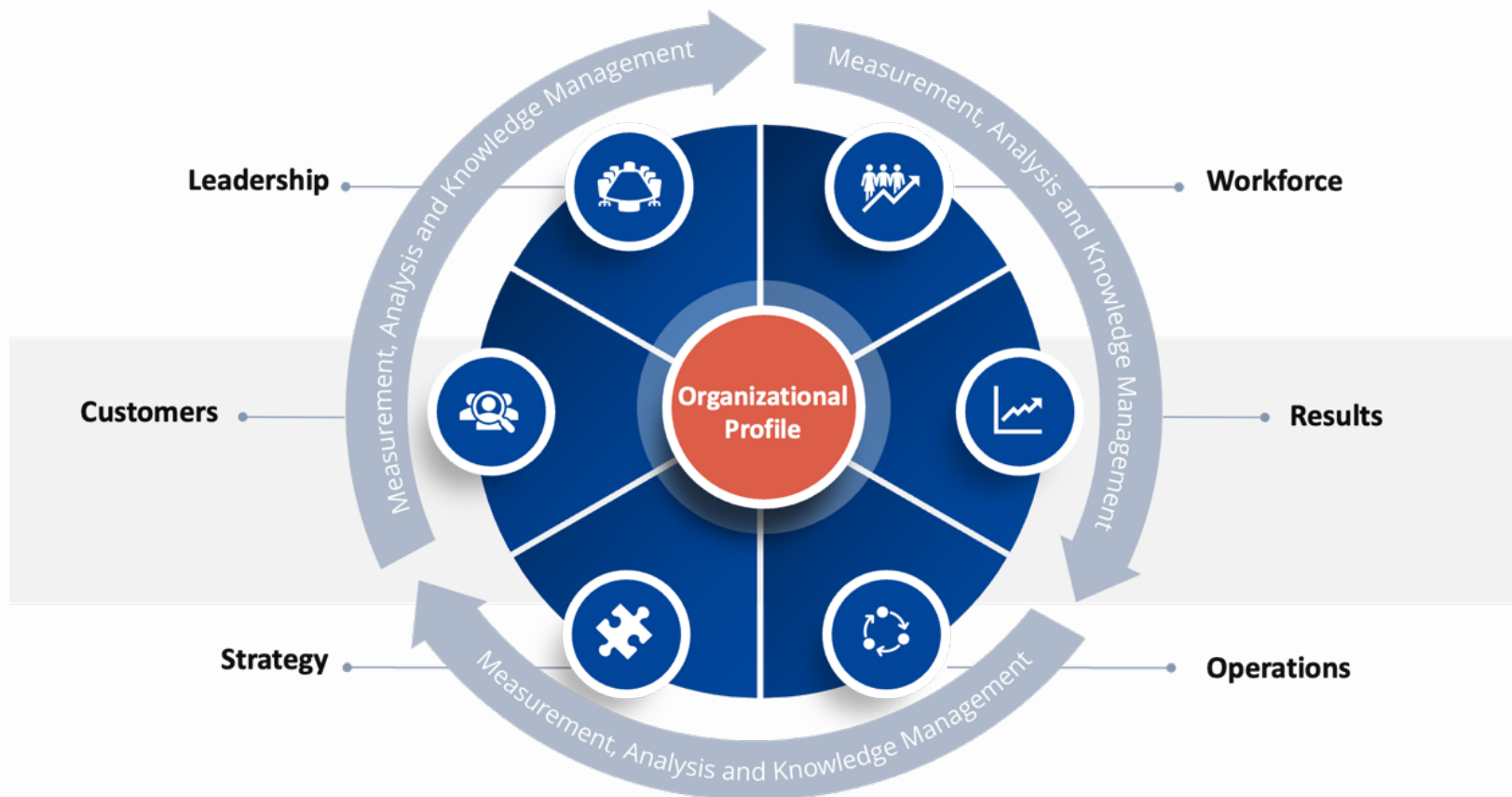
Business Architecture is the structured description of the concepts and facts relevant to designing, planning, analyzing, operating, changing, managing a business.

The **RESULTS** triad includes the organization's workforce-focused processes, its key operational processes, and the performance results they yield.

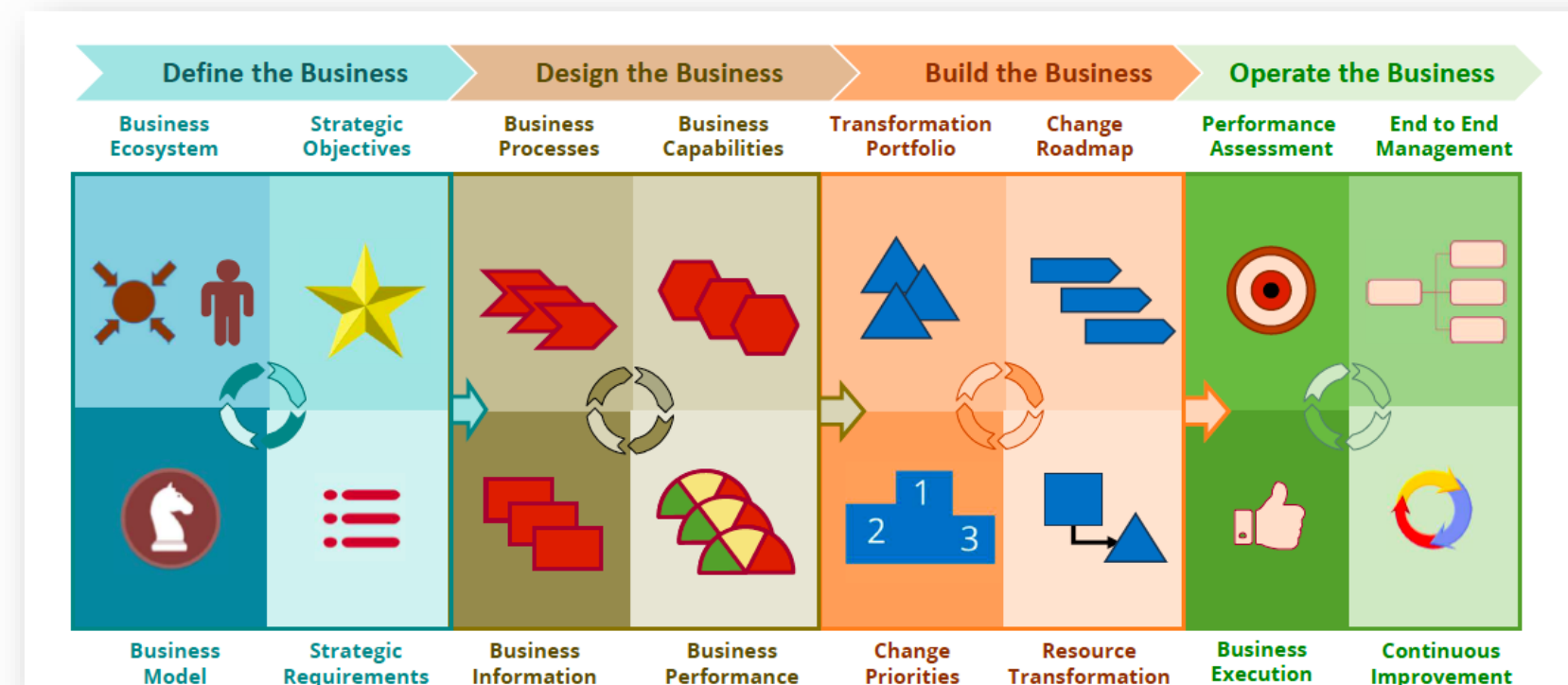


Integrating Baldrige AND Business Architecture

Non-Prescriptive
"How and What"



Prescriptive "HOW"



CAT 1: Leadership
CAT 2: Strategy
CAT 3: Customers

CAT 4: Measurement, Analysis & KM
CAT 5: Workforce
CAT 6: Operations



Key Concepts to Design a Process Architecture

KNOWLEDGE REQUIRED

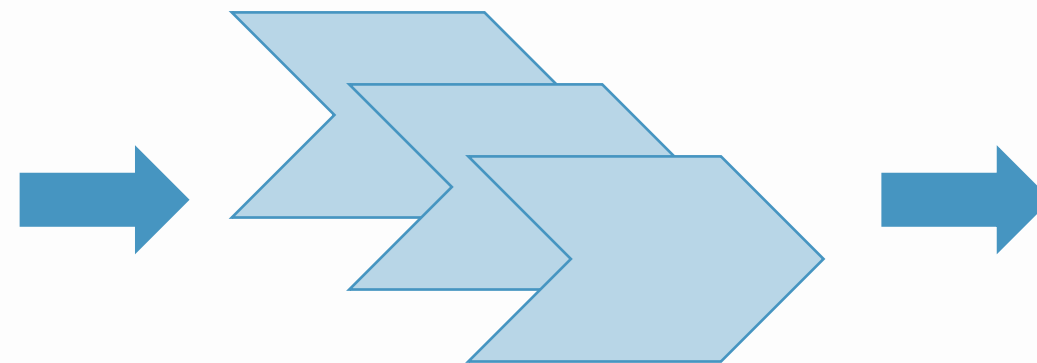
Business Model – provides guidance for process design
Business Ecosystem – defines business interactions with external parties
Strategic Objectives – provides guidance for process design

Business Capabilities – defines the processes that execute those capabilities
Business Information – identifies information created and used by business processes

Continuous Improvement – updates process design

KNOWLEDGE DOMAIN IN FOCUS

BUSINESS PROCESSES



DOMAINS IMPACTED

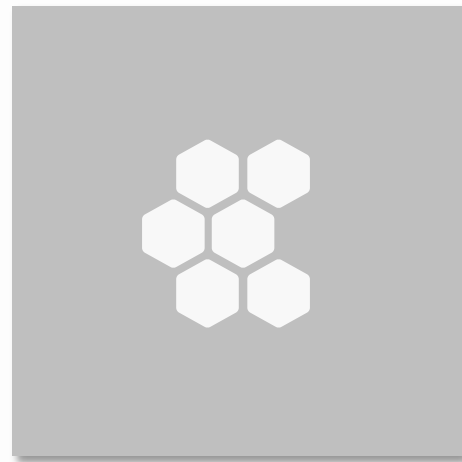
Business Capabilities – defines requirements for capabilities
Business Performance – provide business process goals to be measured

Transformation Portfolio – defines capabilities to be developed
Change Priorities – identifies processes to be prioritized

End to End Management – provides structure for accountabilities and governance
Business Execution – identifies processes to be executed
Continuous Improvement – provides process design

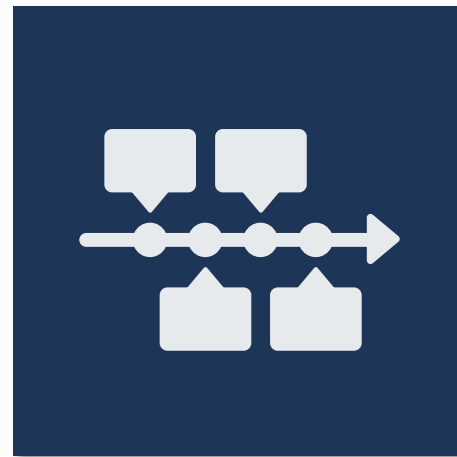
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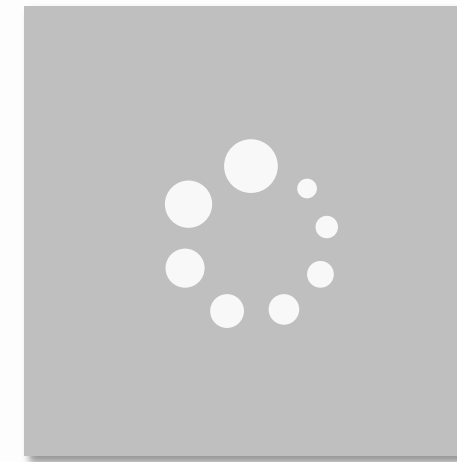
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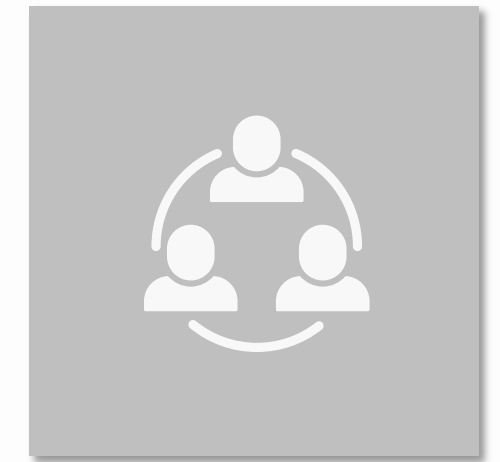
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Developing the Business Process Architecture

STAKEHOLDER

Take every stakeholder relationship concept

CONNECT PROCESSES

Take every other meaningful business concept/object from the concept model

CUSTOMER VALUE

Derive top level value creating services for your architecture

DESIGN BEST PRACTICES

Follow the naming conventions:

- Nouns for business concepts
- Verbs for process and value streams

Develop Process Architecture and prioritize the business for improvement



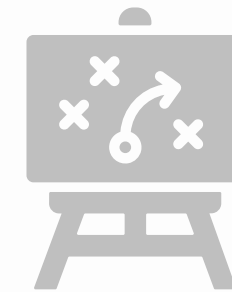
WHO WE ARE

What are the key characteristics that describe your business? Learn how to define your business profile.



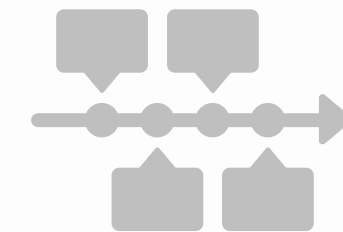
WHAT WE HAVE

Understand what are your key core, guiding and support processes, and assess their current state and impact to your business.



PLAN FOR IMPROVEMENT

Discover practical tips to prioritize process improvements to enable business value and exceptional customer service.



OUR PROCESSES

Learn how to harness the power of your business processes to produce business value and exceptional customer service.

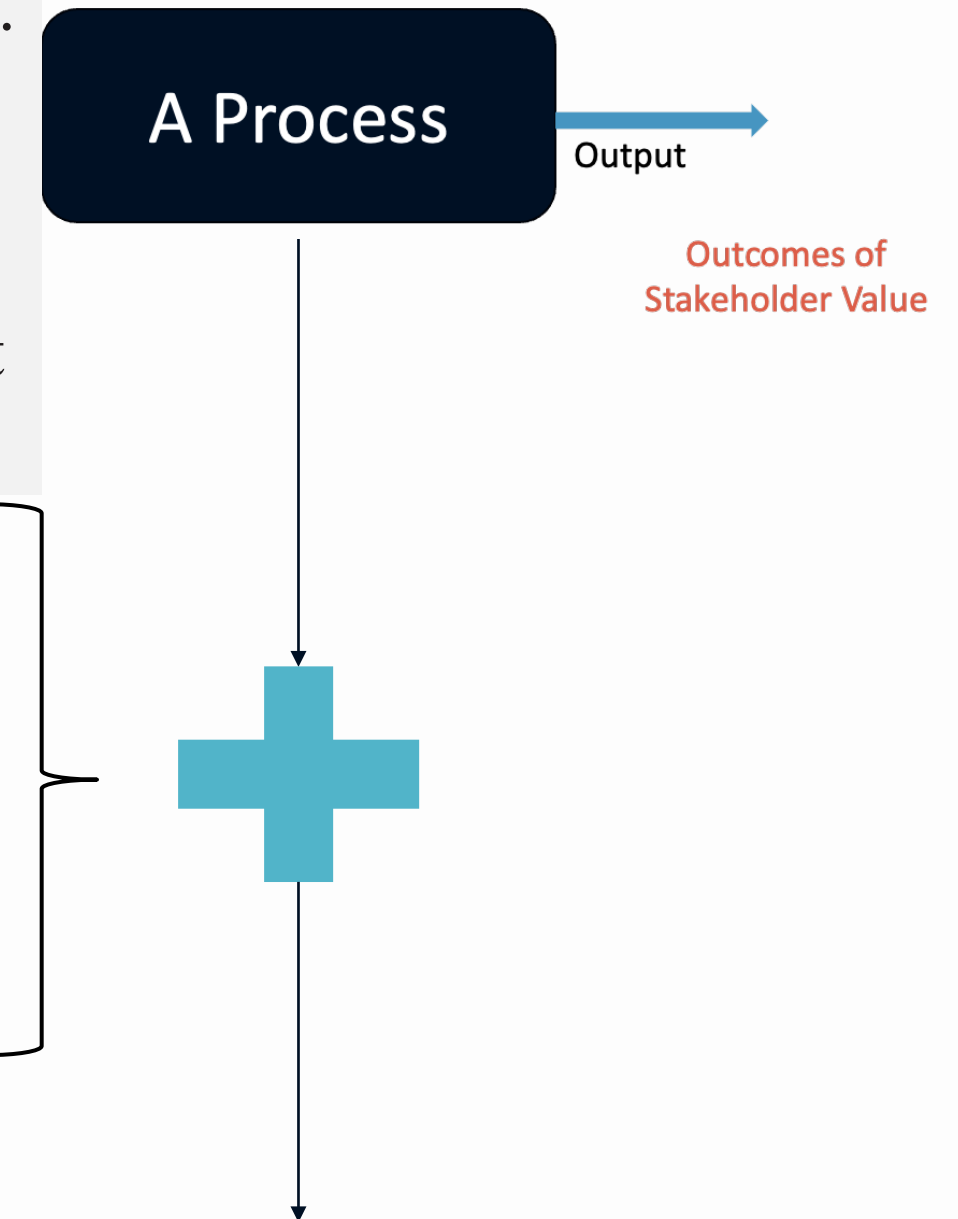
BUSINESS PROCESSES (VALUE STREAMS) DESCRIBE THE WORK PERFORMED BY ALL RESOURCES TO DELIVER OUTCOMES OF VALUE FOR CUSTOMERS AND STAKEHOLDERS.

Defining a process

Holistic

Minimalist

- **PROCESS.** Linked activities with the purpose of producing a service for a customer (user) within or outside your organization. Generally, processes involve combinations of people, machines, tools, techniques, materials, and improvements in a defined series of steps or actions. Processes rarely operate in isolation and must be considered in relation to other processes that impact them.
- Includes all resources and assets required for process execution
- Delivers value (products & services) to customers and other stakeholders



... the only way any organization can deliver value externally

Sample of Processes from the Criteria

CAT 1: Leadership



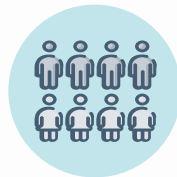
Communication Process, [Suppliers Management Process](#), Risk Management Process, Human Resources Processes, Workforce Development Process, Governance Process, Legal & Regulatory Compliance Processes, Community Outreach Processes

CAT 2: Strategy



Strategic Process, Innovation Process, Capability Analysis Process, Change Management Process, Project Management Process, Environmental Scanning Process, Benchmarking Process, Goal Setting Process

CAT 3: Customers



[Relationship Management Processes](#), [Customer Onboarding Process](#), [Complaint Management Process](#), [Communication Process](#), [Marketing Processes](#), [Product Development Process](#), [Customer Support Processes](#)

CAT 4: Measurement, Analysis & KM



[Data & Information Analysis Process](#), [Performance Management System](#), [Continuous Improvement Process](#), [Process Metric Definition Process](#), [Data Security Processes](#), [Knowledge Management Process](#)

CAT 5: Workforce



Employee Lifecycle Management Processes, Workforce Capability & Capacity Analysis, [Organizational Change Management](#), Organization Design Processes, [Security Processes](#), [Health and Wellness Processes](#), Policy Management, Benefits Management, Performance Management, Workforce Engagement Processes, Workforce Development Process

CAT 6: Operations



Product/Services Design Process, Process Design Process, Process Deployment Process, Process Improvement Process, Innovation Management Process, [Supply Chain Management Process](#), [Cost Management](#), [Reliability Management](#), [Security & Cybersecurity Processes](#), [Business Continuity Process](#)

~50



WHO WE ARE



Mission

Implement personalized educational programs to facilitate student achievement. These educational programs will demonstrate that standards-based educational reform can provide a prototype for changing the way teachers teach and students learn in the future.



Vision

Development of a personalized instructional program that demonstrates positive outcomes for each student.

Company Name

The Charter School of SD

Established Date

1994

Type of Industry

Education

Annual Revenue

\$ 24M

No. Of Employees

135

Company Description

A public school option that offers an academic intervention program to re-engage students.



Key Offerings

Academic intervention program for students 6-12th with proven track of dramatically of increasing graduation rates.



Key Assets

Modern facility with integrated technologies: 13 Resource Centers, one Cadet Corp Headquarters, two Student Support Regional Centers and one Corporate Office.



Competitive Environment

Ranked one of the highest performing DASS schools. It has three competing schools with similar instructional design and student demographics.



Key Partners & Key Regulators

Partners: Consultants, Advocates, Marketing Agency, Special Education Services
Regulatory: 8+ State Agencies and 7+ Federal Agencies



Customer Profile

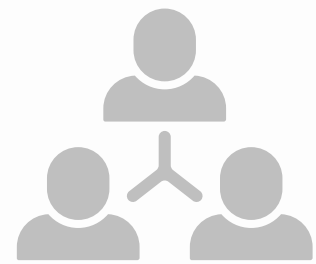
Parents and Students: 6th to 12th grade. Requirements: readiness for college, safe & supportive environment, engaging and motivated experience



Workforce Profile

Instructional Staff, Support Staff and Leadership.
Requirements: clear expectations, two-way communication, meaningful assignments.

Develop Process Architecture and prioritize the business for improvement



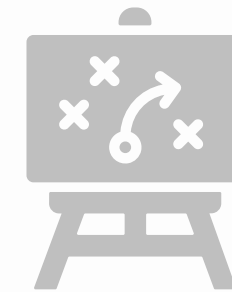
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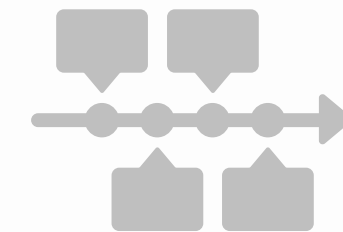
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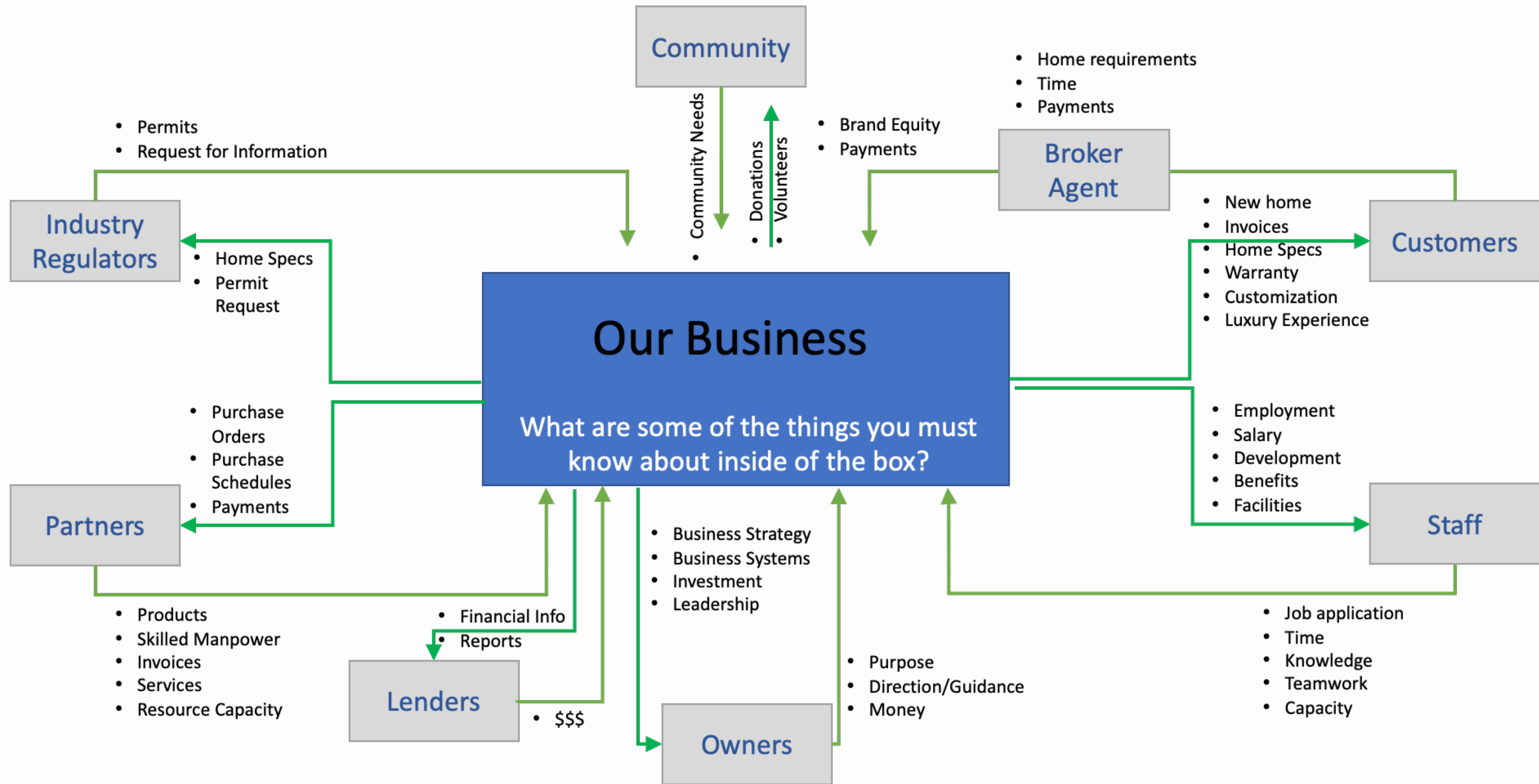


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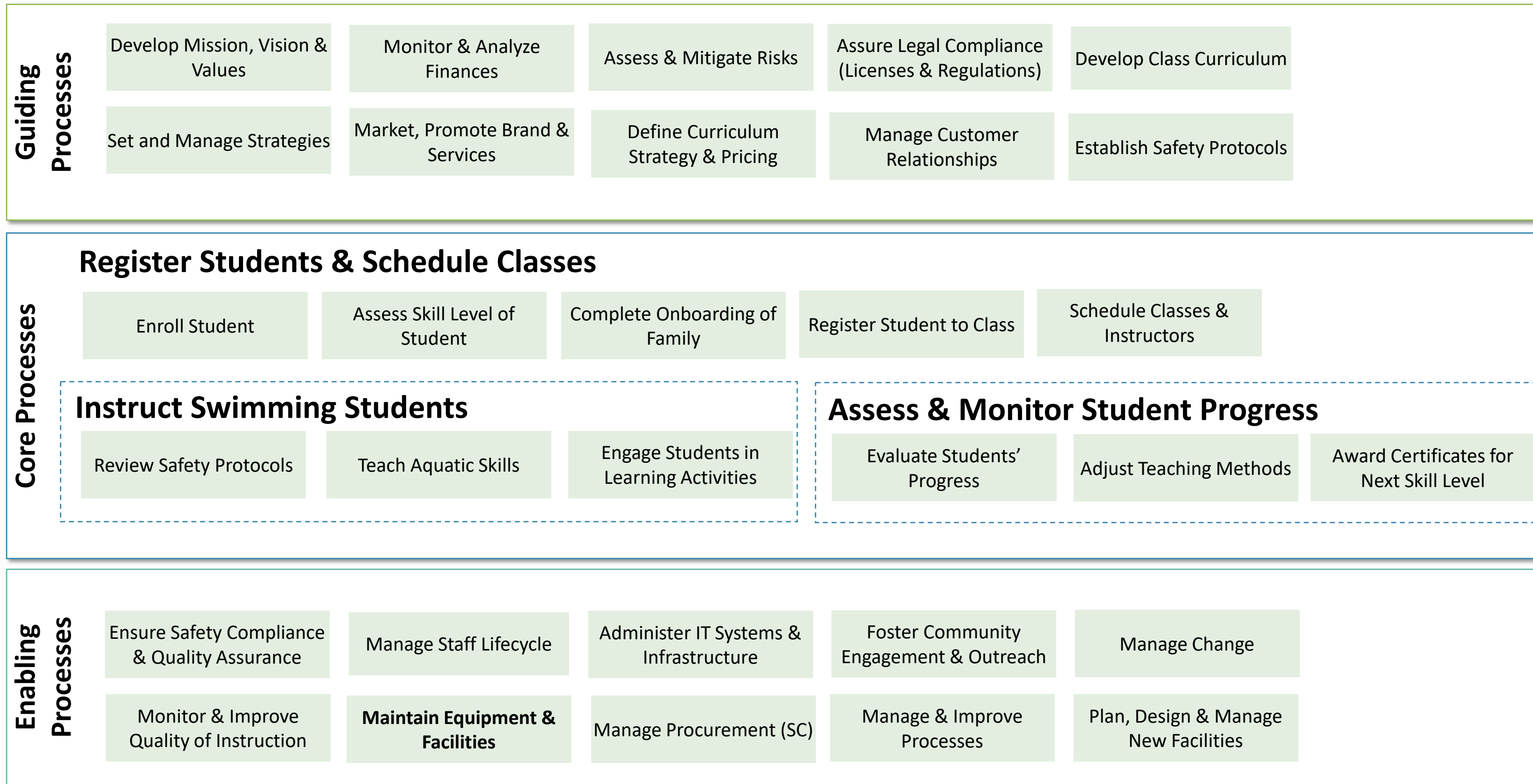
WHAT WE HAVE: Begin by understanding the Business Ecosystem





WHAT WE HAVE: guiding, core, and support processes

Business Process Architecture: 0th version using AI Apps + BPM Expertise



Generative AI + Process Architecture Design

AI Products (Apps) and Tips

WHAT DO I NEED?	AI Products to Use	Tips on Using AI Products	BPM Use Cases
Understand the business	ChatGPT, MS Copilot	<ul style="list-style-type: none"> • Provide context about your role as BPM practitioner • Provide context of the business • Create concise prompts • Validate business profile with the executive team 	<ul style="list-style-type: none"> • Gain knowledge about new industry sectors and/or specific businesses • Develop elements of the business profile
Explore version 0 for a process architecture	ChatGPT Plus (BPM Apps), MS Copilot	<ul style="list-style-type: none"> • Provide context about your role and the project. • Provide context of the business. • Create concise prompts. • Explore & compare outcome from multiple Apps. • Validate output with an industry expert. 	<ul style="list-style-type: none"> • Explore level 0 processes. • Generate ideas for sub-processes (triggers, activities, roles, etc.). • Use information to model processes using an BPMN modeling application.
Develop process descriptions & documentation	ChatGPT Plus (BPM Apps)	<ul style="list-style-type: none"> • Ask follow up questions. • Validate dataset information with your own expertise. 	<ul style="list-style-type: none"> • Process documentation • Content for modeling processes

HOW GOOD IS IT? HOW IMPORTANT IS IT?

Instructions:

1 | **FOR EVERY BOX, ASK YOURSELF A QUESTION:**

- ✓ Do we have it? Is it in place?
- ✓ Is it good?

Depending on the answer, change the color of the box to **Red**, **Yellow**, **Green** (see next slides)

2 | **ADD/REMOVE/RENAME BOXES AS NEEDED.**

3 | **ASSESS 'IMPORTANCE' OF EACH BOX, ADD THE STAR GOLD, SILVER, BLUE (SEE NEXT SLIDES).**



Gold: Very important to the success of the business.



Silver: Important to the success of the business.



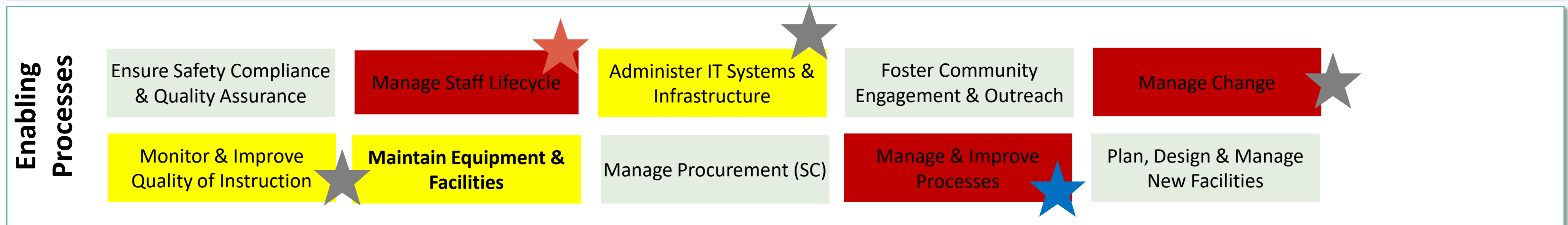
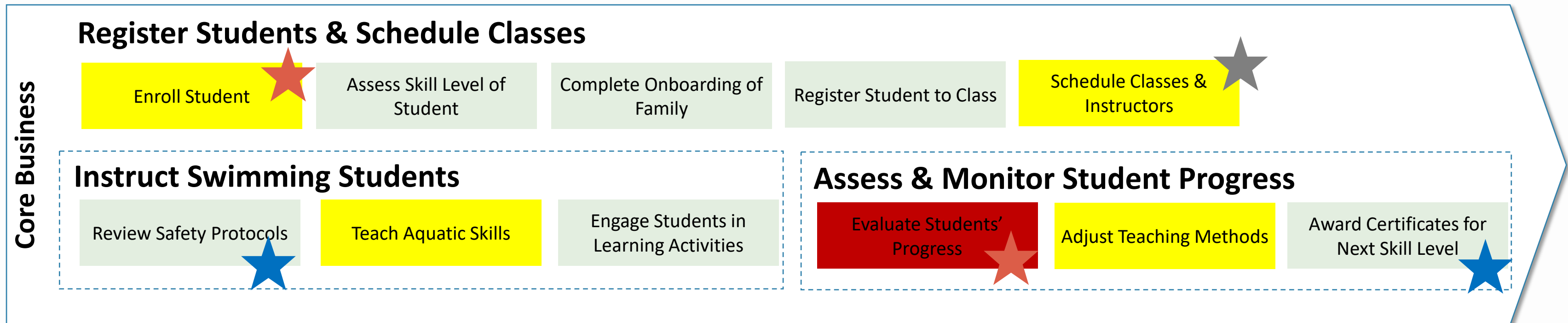
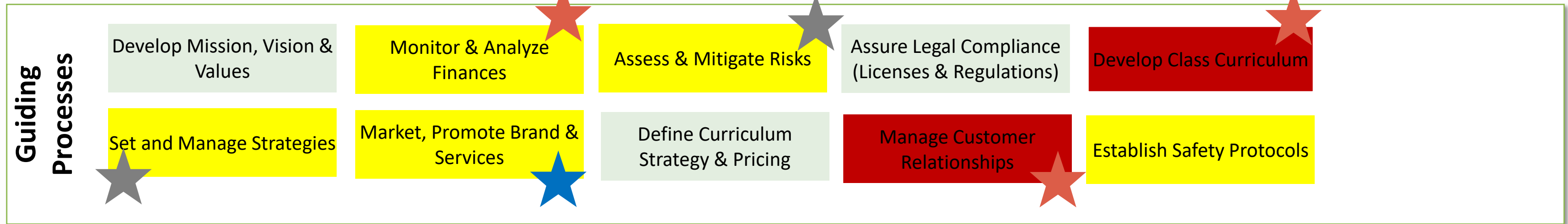
Bronze: Just needs to be in place.



Stay Focus: Process Improvement Roadmap

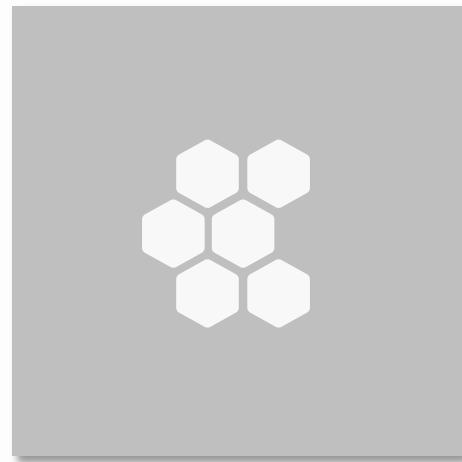


Business Process Architecture: 1st version



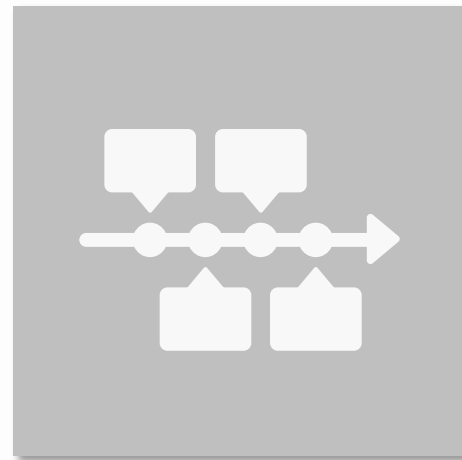
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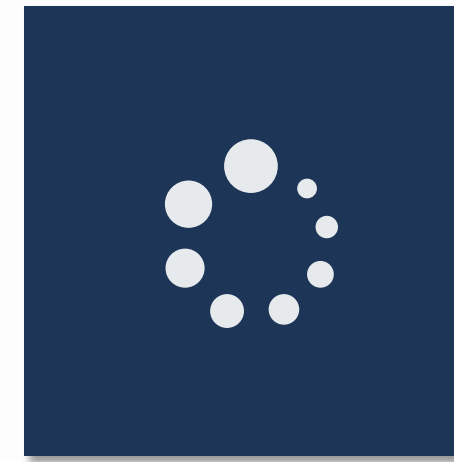
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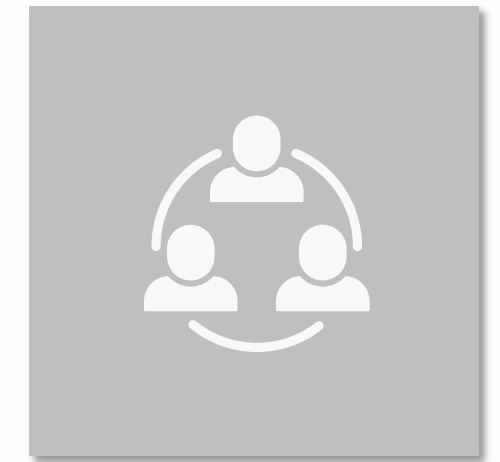
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Business Performance Excellence | Highest Maturity Level

Process *Performance* Excellence - the purpose of process is *performance*

Baldrige D

- An e in th
- The area
- *Fact* prac orga
- The approach is *well integrated* with your current and future organizational needs as identified in response to the Organizational Profile and other process items. (I)

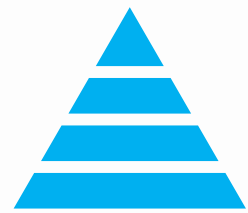
RUBRIC			
	Levels and Trends	Comparisons	Relevance
Low	Results are not responsive to the question or demonstrate adverse performance.	Comparisons to competitors or industry benchmarks are not presented or demonstrate inferior performance.	Results are not presented for areas of importance.
Med	Results responsive to the question are presented and demonstrate satisfactory performance.	Comparisons to competitors or industry benchmarks are presented and demonstrate equivalent performance.	Some results presented are for areas of importance.
High	Results responsive to the question are presented and demonstrate favorable performance.	Comparisons to competitors and industry benchmarks are presented and demonstrate superior performance.	Most results presented are for areas of importance.

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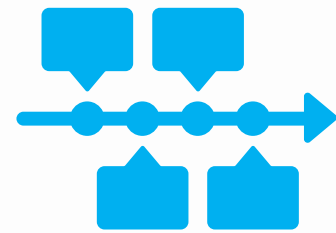
Performance | the purpose of a process is performance

- that it's the lifeblood of process management



FOUNDATION

- Why bother?
- Outcomes focus
- Process of Process
- Enabling



TARGET

- Which process?
- How many?
- Targeting
- Collecting
- Predicting



ASSESS

- Governance
- Whose job?
- POBoK
- Active process management



RESPOND

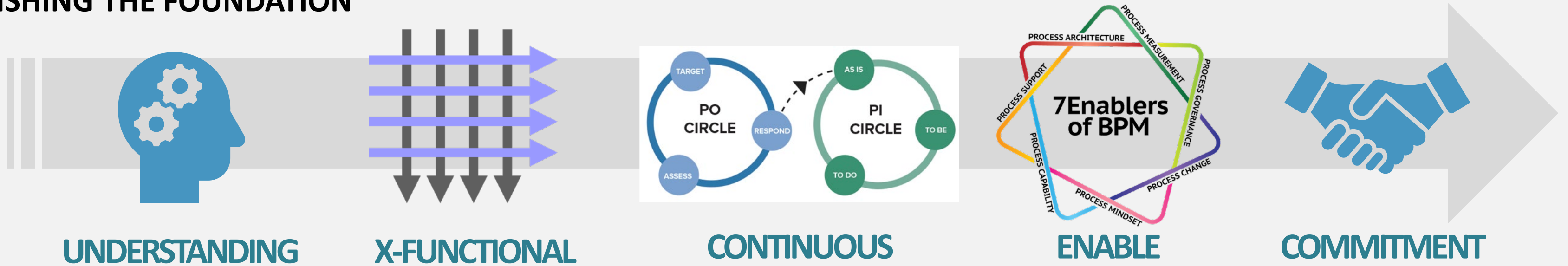
- Analysis
- Planning
- Change

What is process-based management?

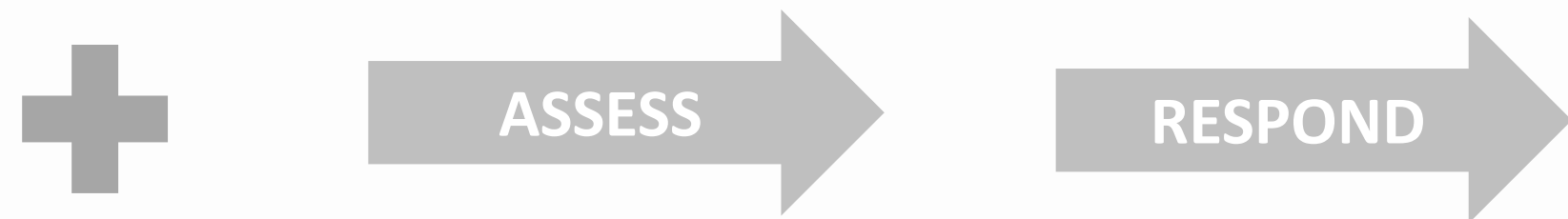
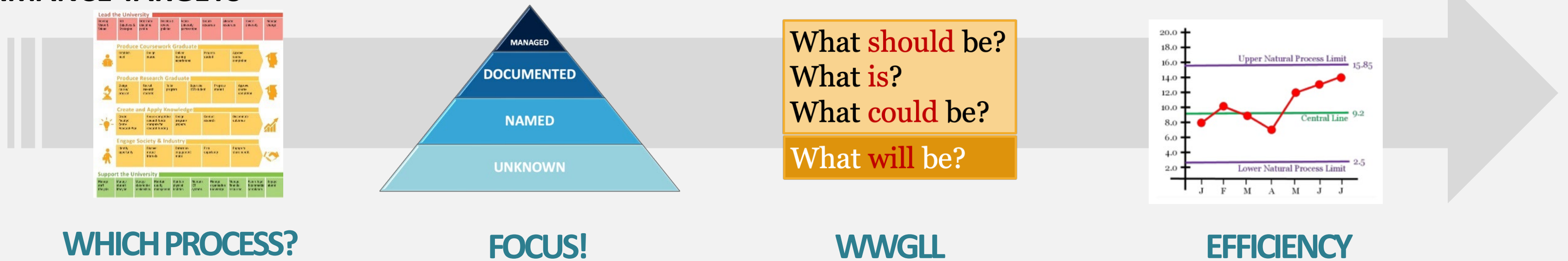
Continuous management of the hierarchy of processes by which value is created, accumulated, and delivered, with the active intention of optimizing process performance through mindful, continuous improvement.

Process-based Management | a Systematic and Effective Approach

ESTABLISHING THE FOUNDATION

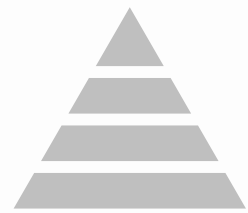


PERFORMANCE TARGETS



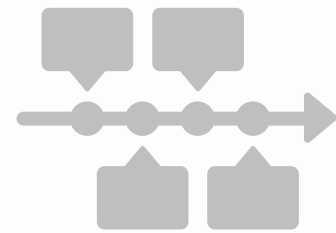
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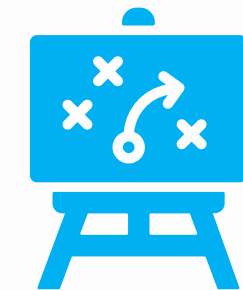
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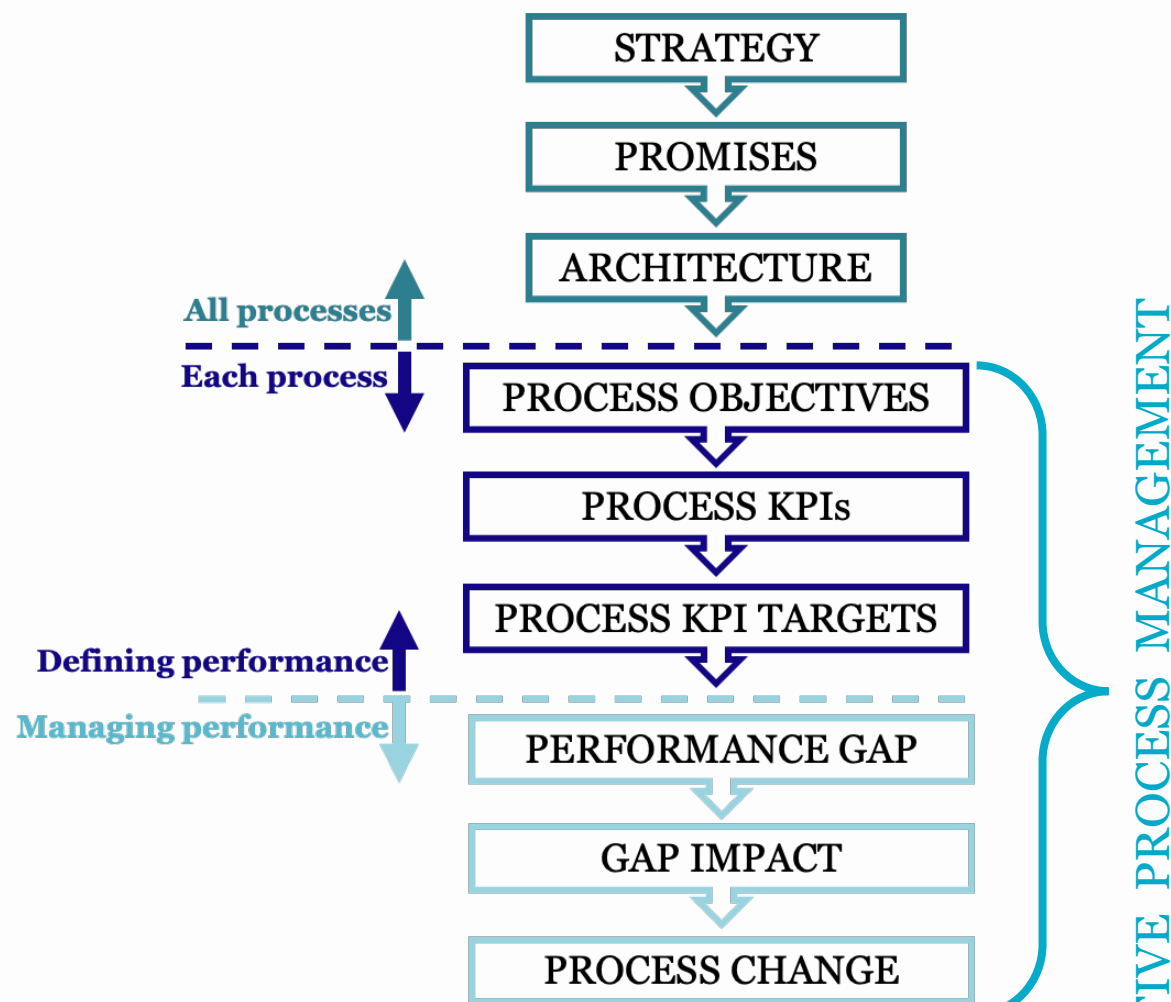
- Analysis
- Planning
- Change

Assessing Performance

The **M** in **BPM** is for Management, not modelling or measurement!

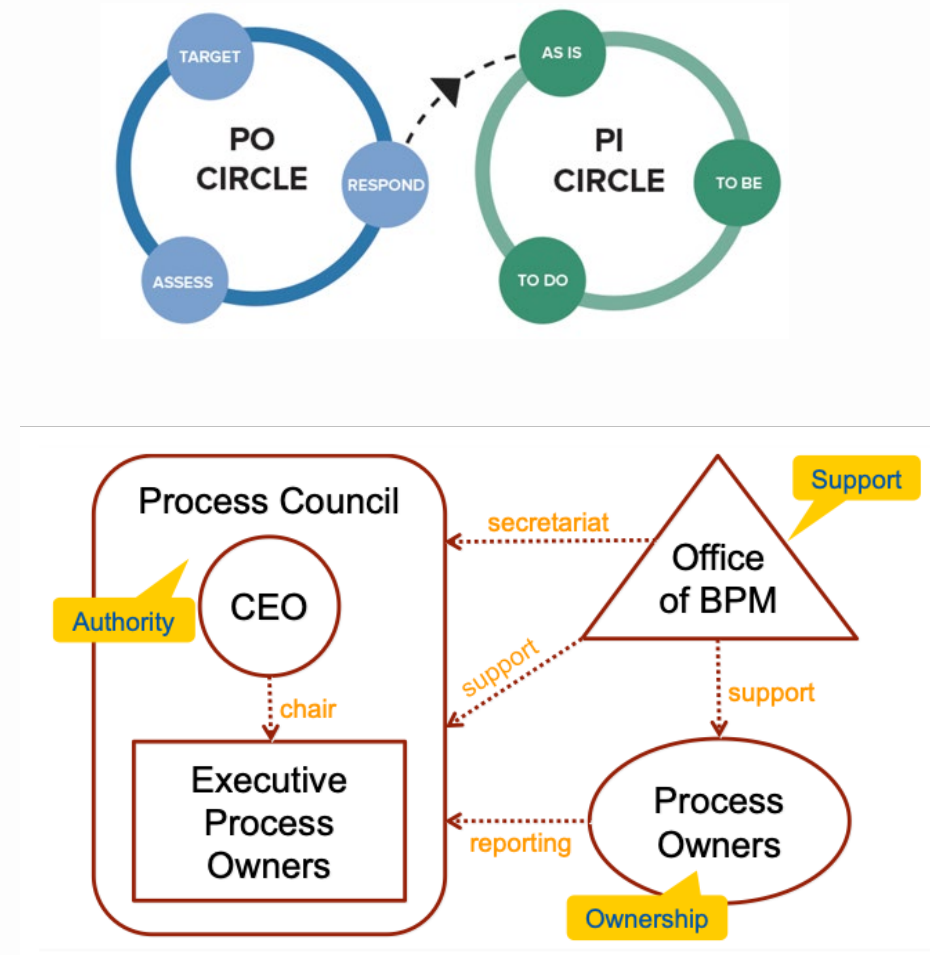
Performance Management

Active Process Management



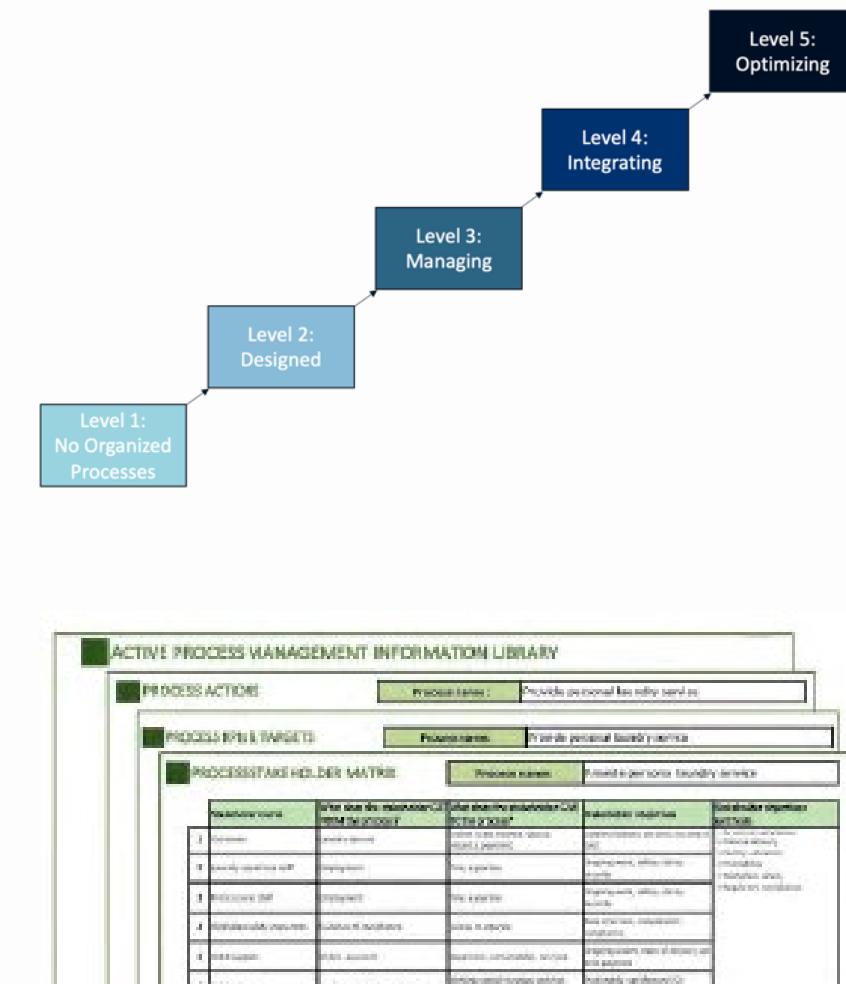
Who manages?

Process Governance Model



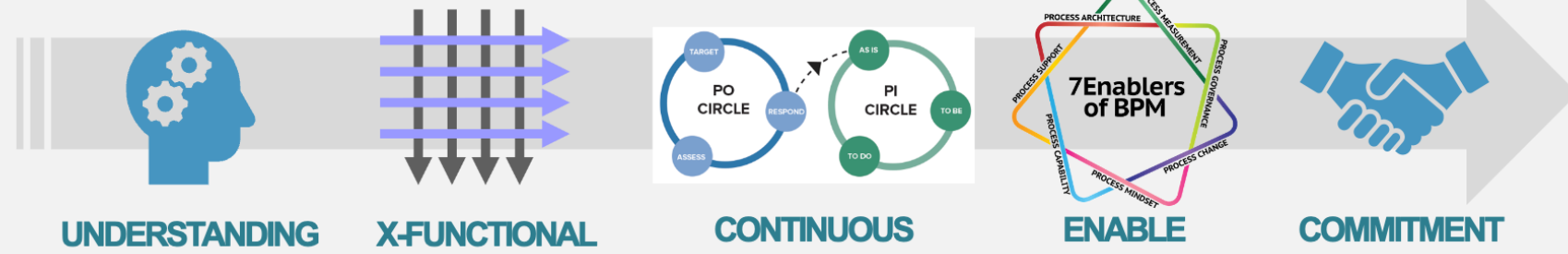
Performance BoK

Process Management Record & Process Maturity



Process-based Management | a Systematic and Effective Approach

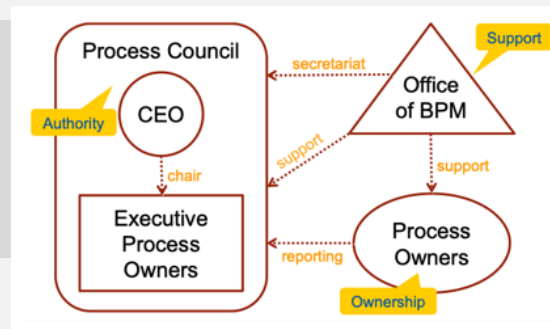
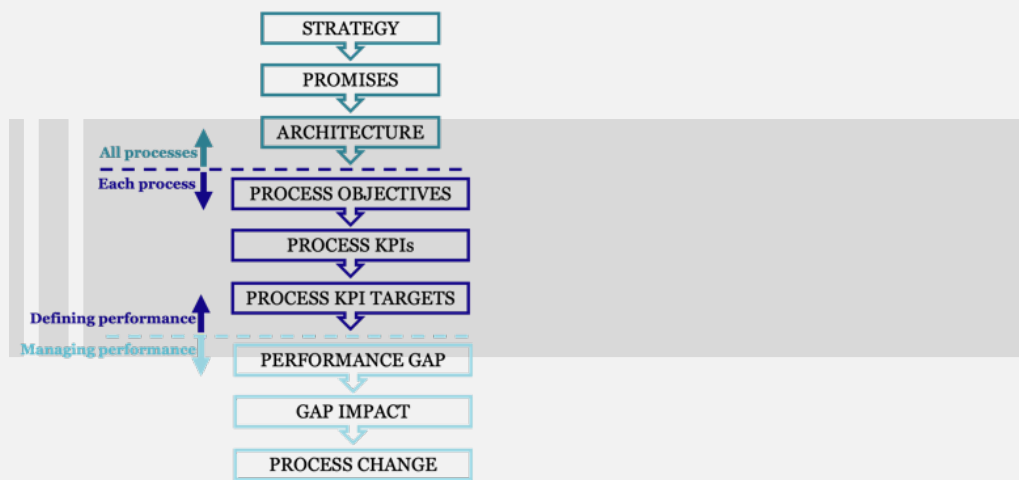
ESTABLISHING THE FOUNDATION



PERFORMANCE TARGETS



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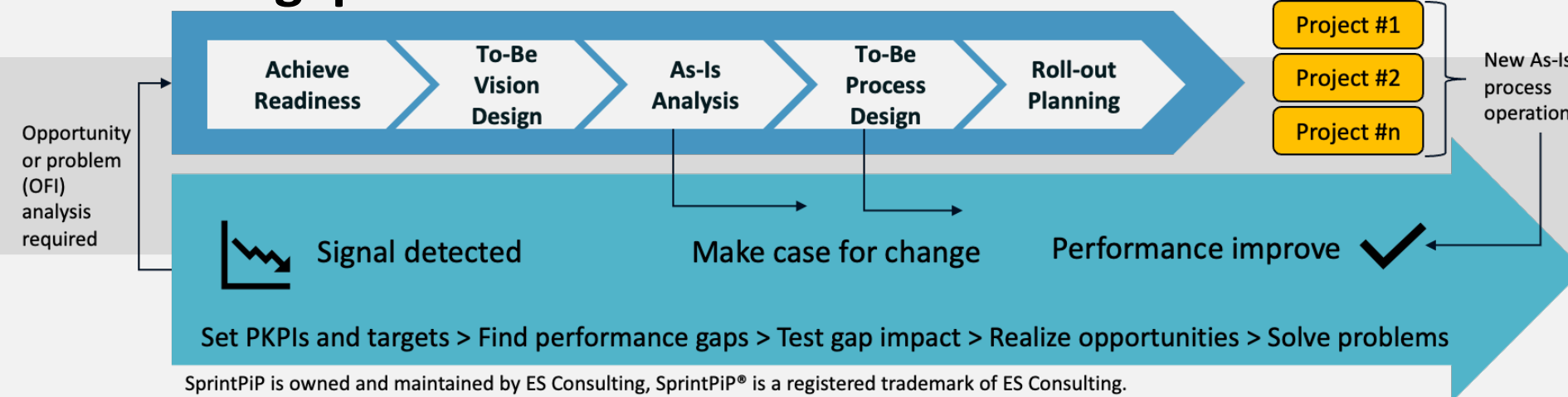


ACTIVE MANAGEMENT

GOVERNANCE

ACTIVE MANAGEMENT BODY OF KNOWLEDGE & MATURITY

RESPOND = closing performance gaps



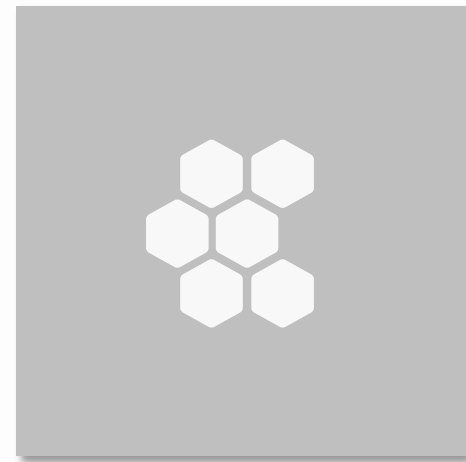
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CONTINUOUS SEARCH FOR, AND CLOSING OF, PROCESS PERFORMANCE GAPS



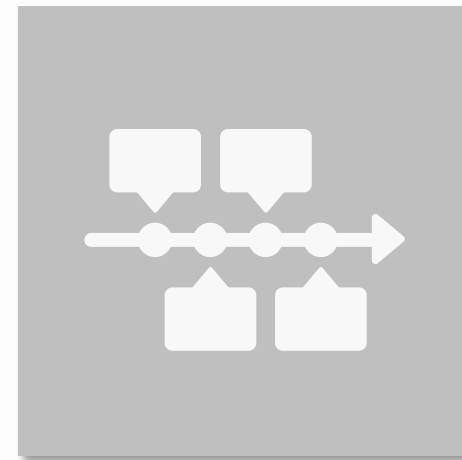
OUR JOURNEY TODAY

Optimizing Your Journey to Excellence: Integrating Business Architecture, AI, and Process Management



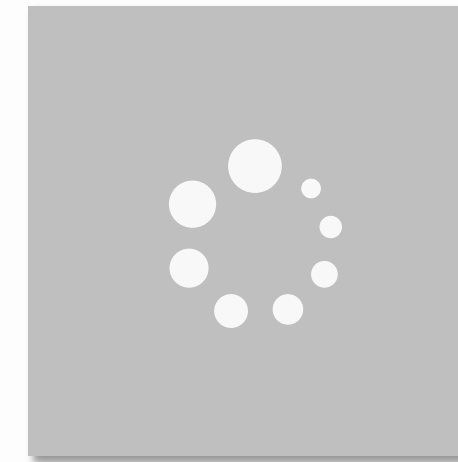
Baldrige Excellence Framework & Business Architecture

- Baldrige: a Compass for Success
- Fundamental Concepts of Business Architecture
- Alignment: Business architecture + Baldrige framework



AI + Process Architecture

- How to develop a process architecture
- Leveraging AI technologies to increase efficiency on process design
- AI + BPM Tips



Building a Culture for Active Process Management

- What is active process management?
- Key tools & techniques that help achieving process excellence



Augmenting Your Workforce Capability

- Tools and Tips for Effectively Preparing your People for Process Changes and for an AI-enabled future

Tips for successfully transition your people to an AI future

Successfully transition to an AI-enabled future

Be Your Own Student

1

- Define a change you want to adopt to.
- Do the CM work on yourself.

Think Big, Start Small

2

- Think BIG – establish your IT long-term strategy.
- Start SMALL – define a business need and act on it.

Put Your People Front and Center

3

- Embrace a human-centered design approach through all phases of AI initiatives.
- Encourage your people to be the human in the loop.

Communicate Often and Tell It Like It Is

4

- Create a movement towards the AI journey.
- Design & deploy a comprehensive communication plan.
- Seek feedback and adapt.

Equip them with Knowledge

5

- Meet people where they are. Use ADKAR (or other) to define the barrier point.
- Equip them with the facts, guidance, and training needed to adopt to changes.

Connect People to One Another

6

- Build a coalition of first adopters, leaders and AI experts.
- Enhance your culture with a sense of curiosity, teamwork and ownership towards AI initiatives.

BPM Practitioner | AI Integration

MY BPM Exclusive Activities	AI Collaboration Activities	AI Automation Activities
Work I need to do it myself	Work I can do with AI to improve productivity and outputs	Work AI can do completely for me or on my behalf
This category identifies tasks that are best suited for humans due to the complexity of human interaction, emotional intelligence, ethical considerations, or intricate decision-making.	These are tasks where AI can assist, enhance, or augment human capabilities, making processes more efficient or insightful without fully replacing the human touch.	This category includes tasks that AI can fully automate, where human intervention is minimal or unnecessary, optimizing processes, and reducing the need for human labor in repetitive or predictable tasks.
Exercising judgment to align business strategy with the design of the process architecture	Generate v0 of a business process architecture with GenAI	Automating routine task-level process activities
Leading & facilitating process design sessions	Data analysis: employing AI-enhanced process modeling software to simulate process scenarios and analyze process risks	Compiling process analytics
Project Leadership: resolving team conflicts, negotiating project scope, driving team motivation, overseeing phases of deployment	Data analysis: employing AI-enhanced process modeling software to simulate process scenarios	Generating meeting summaries and action items
Managing resistance to change	Create change management plans with GenAI	Managing process performance
Managing stakeholder relationships	Analyze process adoption after implementation.	Generate improvement insights based on process performance
Fostering cross-functional collaboration	Streamlining data collection systems	Predict process performance and risks
Coaching and mentoring process owners and practitioners	Developing process documentation	Conducting quality audits on process documentation

GenAI + BPM - “Cheat Sheet”



AI + BPM Cheat Sheet For Process Practitioners			
LLM / BRAINSTORM	PROCESS DESIGN	PROCESS DOCUMENTATION	PROCESS MODELING
ChatGPT Plus	Process Mapper AI	BPMNgpt	Lucidchart
Copilot	Copilot	Process Pro Plus	iGrafx
Google Bard (GEMINI)	GBTEC - Arty		GBTEC - Arty
			Process Mapper AI
CHANGE MANAGEMENT	PERFORMANCE MANAGEMENT	COPYWRITING	
Kaiya	Signavio	Literature Review Writer	
Change Leadership CoPilot	Perceptif	SOP Builder (Standard Operating Procedure)	
AI Ready - Your Change Coach for Generative AI	MEGA International	SOPWriter Pro	
		Grammarly	
PRODUCTIVITY	PRESENTATIONS	LANGUAGE TRANSLATORS	IMAGES & GRAPHIC DESIGN
Canva	Beautiful.ai	Translate any Language Best Translators	Canva
PDF Ai PDF	PresentationsAI	DeepL	Photoshop
NotionAI			DALL-E3
			Midjourney
LULU PROCESS DESIGN GROUP			
CREATED BY LULU PROCESS DESIGN GROUP, LLC For More Information on BPM + AI, Contact Us https://luluprocessdesigngroup.com			



Your Journey with AI + BPM | Practical Tips



Leverage AI to re-engineer processes

- Process analysis skills are augmented with AI technologies. Leverage AI to make your processes more agile.
- Become a problem-finder & define business needs for AI initiatives.
- Assist AI researchers with your business & process knowledge.

5



Identify enterprise-wide opportunities

- Identify where you are generating large quality data.
- Re-examine the business process architecture, what could be re-engineered?
- Evaluate your data strategy execution – we must have quality data!

4



Engage people early in your journey

- “They know best” – encourage your workforce to identify process pain points. Celebrate quick-wins!
- Invest on AI training to enhance skills.
- Focus your people on using their human judgement & decision-making to solve complex issues.

3



Help executives build an AI strategy

- Leverage large data AI models to re-evaluate the business (business ecosystem, Strategic Model, Business Model, etc.).
- Define the AI strategic roadmap, including near-term wins & long-term opportunities.

2

START! – Be the human-rep



- Engage with AI & document your journey (prompts, data, real cases, accuracy).
- Identify and plan on off-loading your own repetitive tasks.
- Share your experiences and best practices.

1

Key Takeaways from Our Journey Today

Optimize your journey towards **business excellence** by designing your **Business Architecture**, and actively managing your **Business Processes**.

01

Process Excellence drives Business Excellence

Integrate Baldrige - a compass for excellence, + Business Architecture to systematically achieve high performance.

02

The **M** in **BPM** is for Management

Performance is the lifeblood of process management.

03

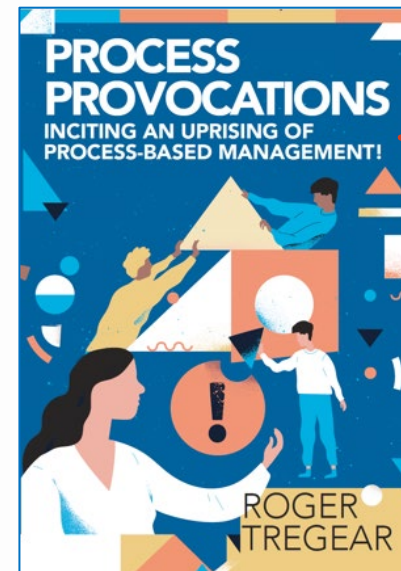
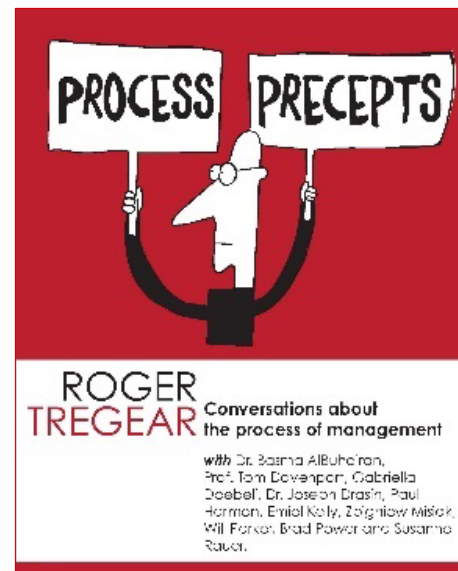
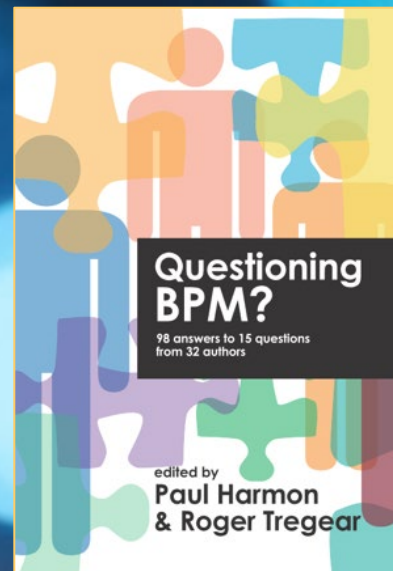
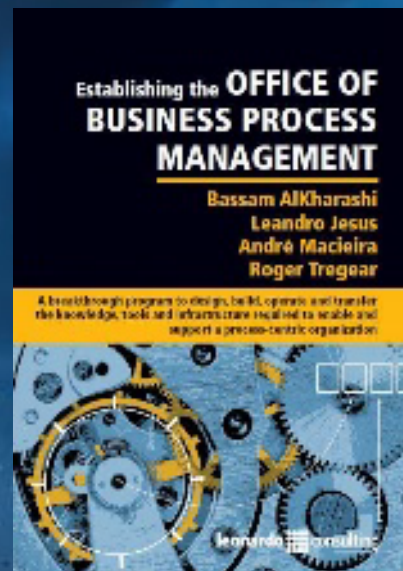
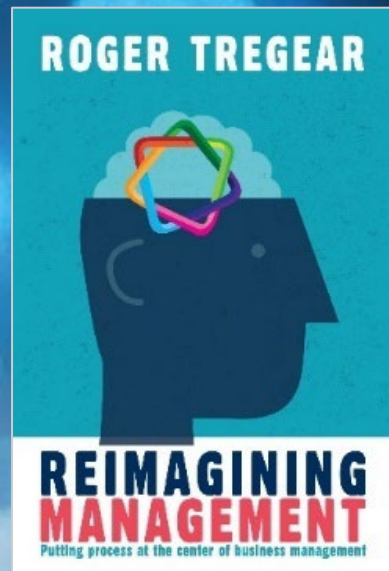
Augmented Capabilities

Engage your people on process and technology changes, equip them with knowledge, learn together and celebrate the wins.

04

AI Technologies

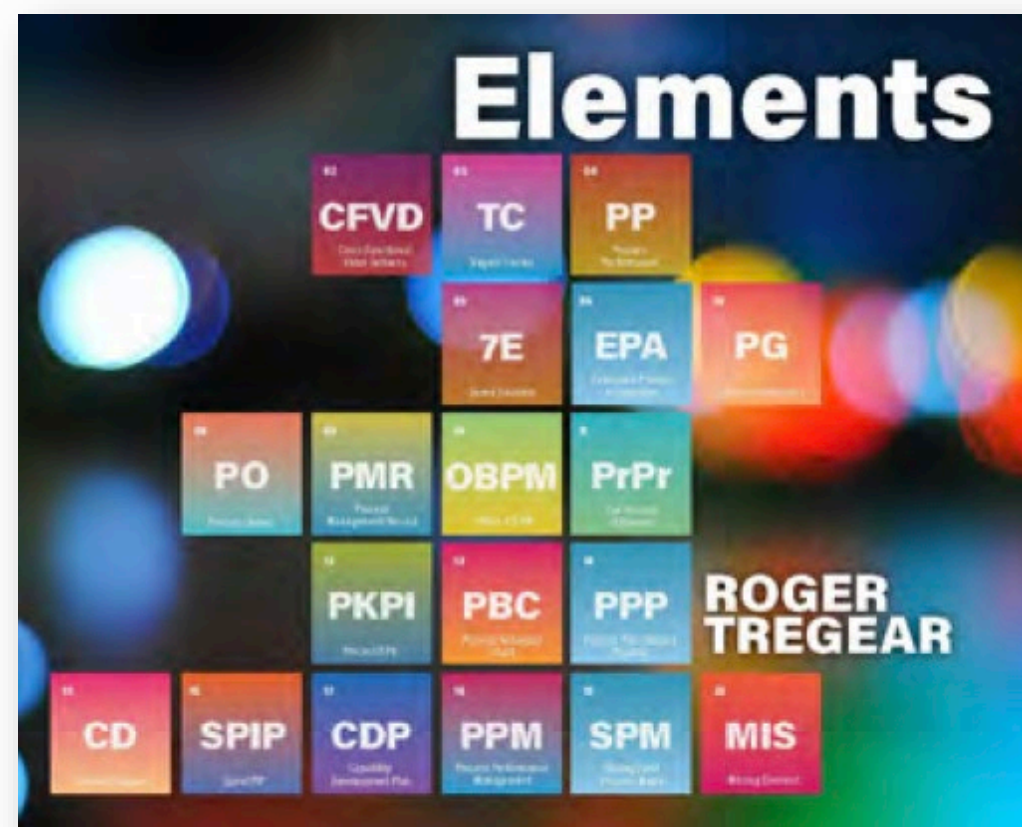
Are revolutionizing the way we do process design and improvement, augmenting our capacity to innovate in processes. **Play with AI!**



Free download at Roger's website!



Roger Tregear
Tregear BPM



Free download at Roger's website!



Thank You!



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Panelist Questions and Discussion



Lourdes Gonzalez
Principal Advisor
Lulu Process Design Group



Al Faber
President & CEO
Baldrige Foundation
(Moderator)



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