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"Understanding COBIT 5"

based on ISACA© Materials
www.isaca.org/cobit

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Session Objectives

- Why COBIT is important
- What COBIT 5 is
  - Framework
  - Implementation Life Cycle
  - Process Reference Model
  - Process Assessment Method
- How to use COBIT
- What is different about COBIT 5 vs. COBIT 4.1

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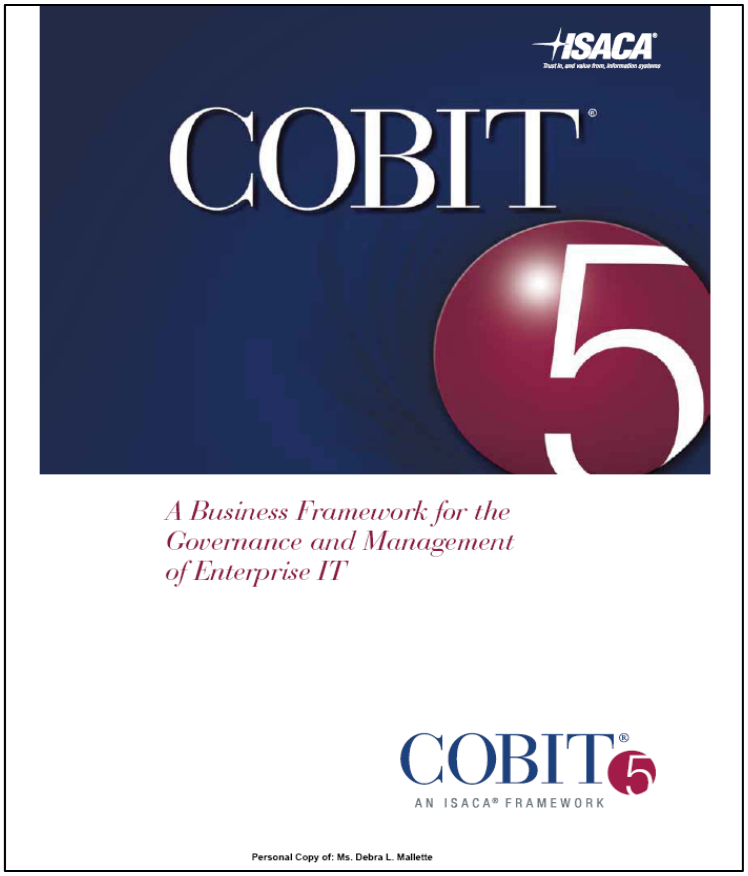
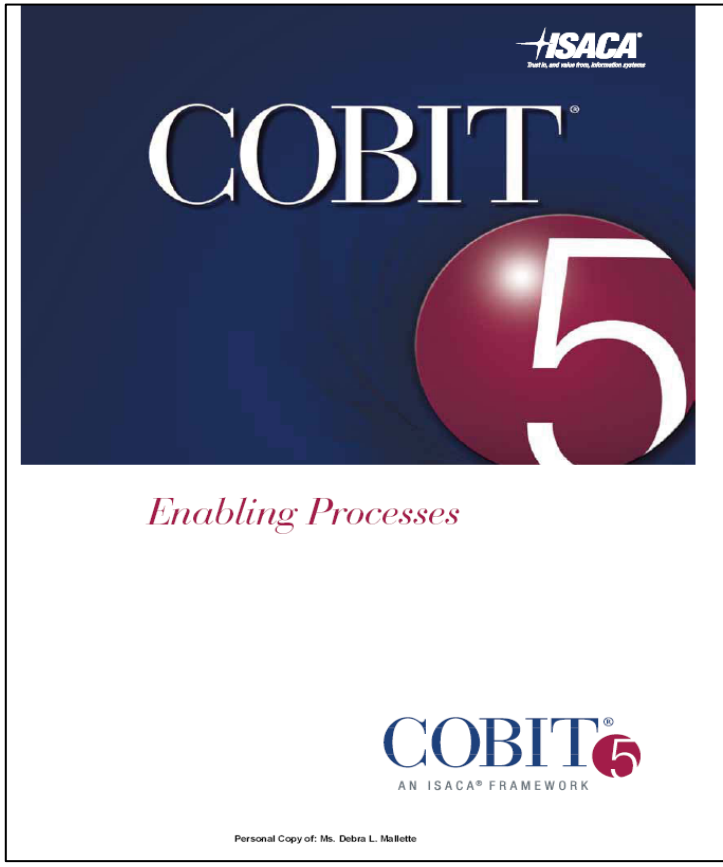
COBIT® 5
AN ISACA® FRAMEWORK





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Why is COBIT important to Your Enterprise?

- IT audit and assurance de-facto standard
- Governance, Risk and Compliance
- Information Security
- Business value focused IT Process Framework
- ITIL, CMMI and PMBOK synergies
- Governance and Management processes
- “How to” monitor, evaluate, assess and improve business process performance

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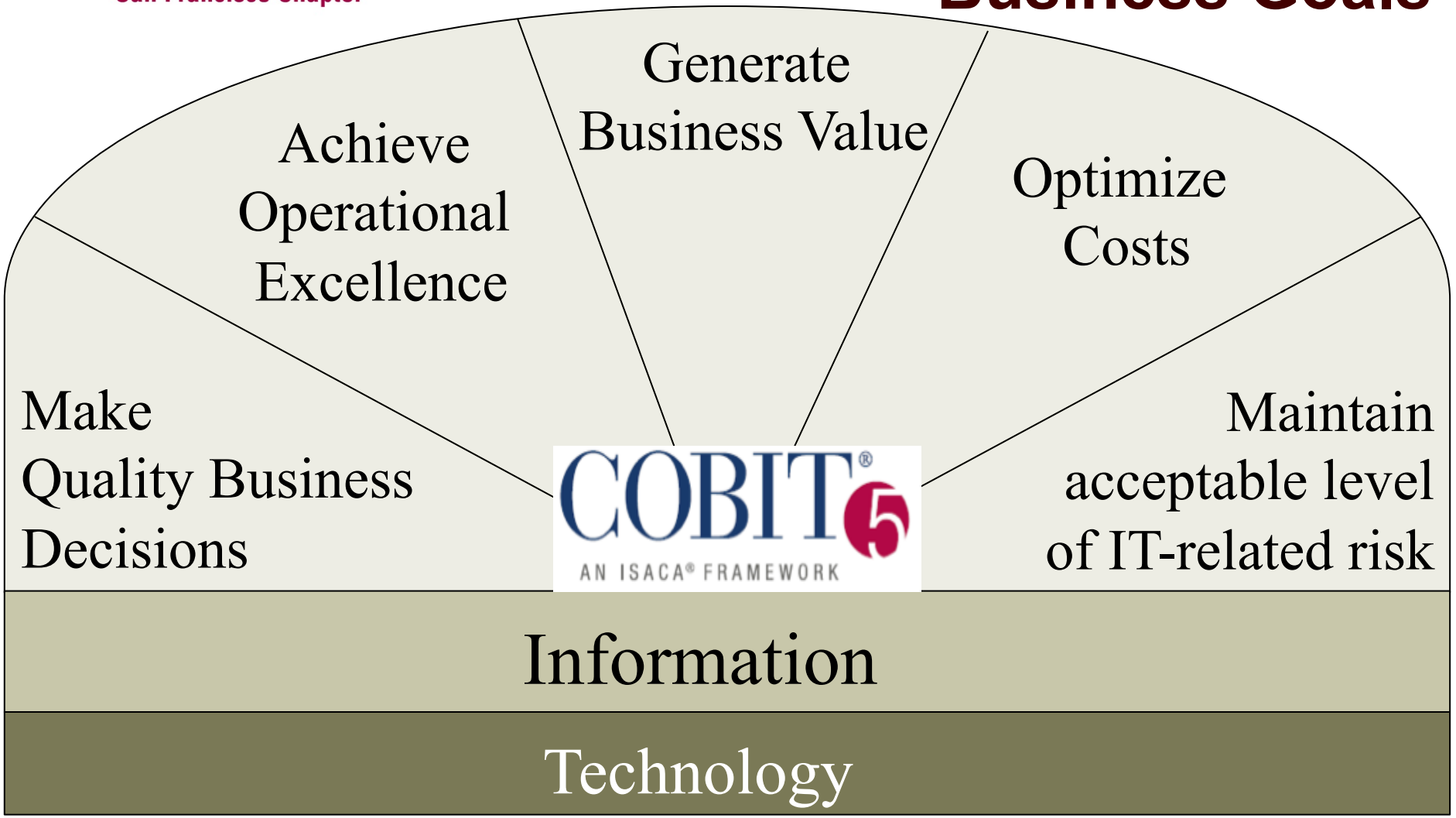
COBIT Framework to Achieve Business Goals



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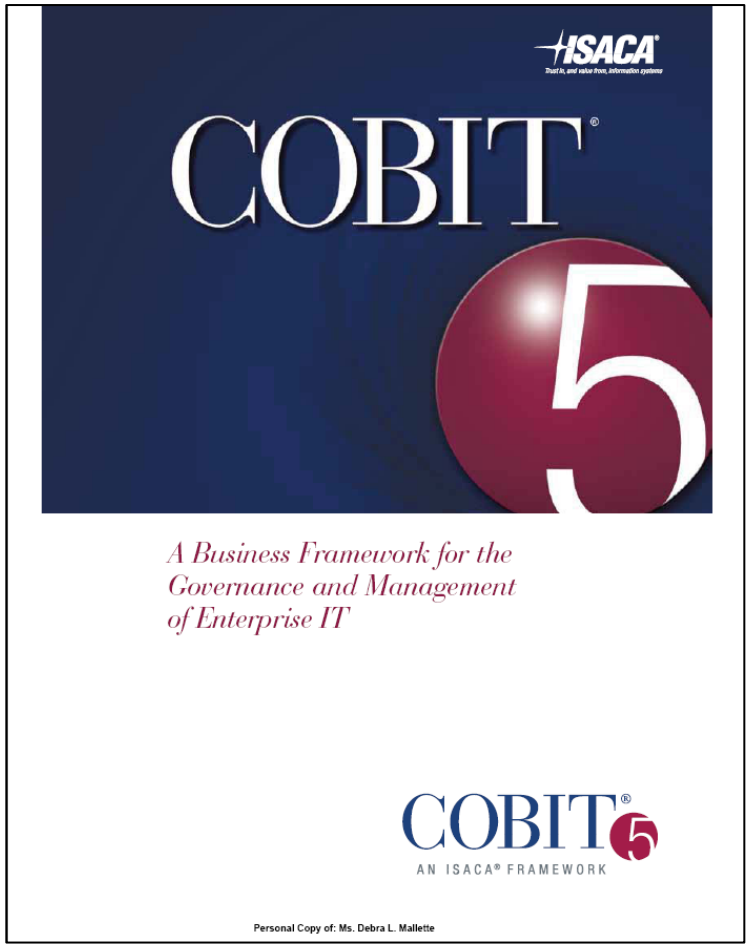
COBIT® 5



A Business Framework for the Governance and Management of Enterprise IT

- Five Principles
- Seven Enablers
- Governance and Management
- Implementation Lifecycle
- Assessment Approach

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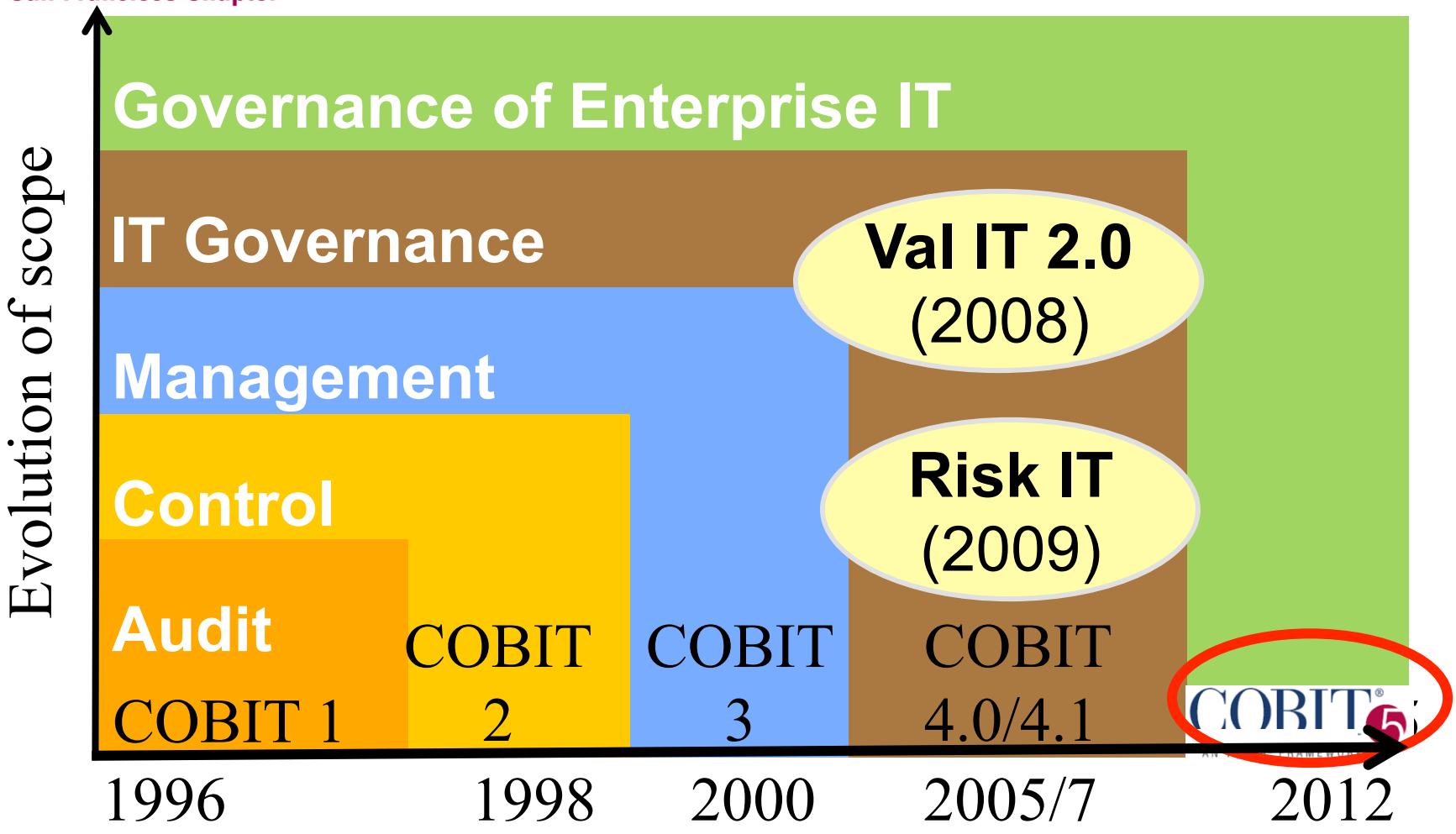
Now a Complete Framework!



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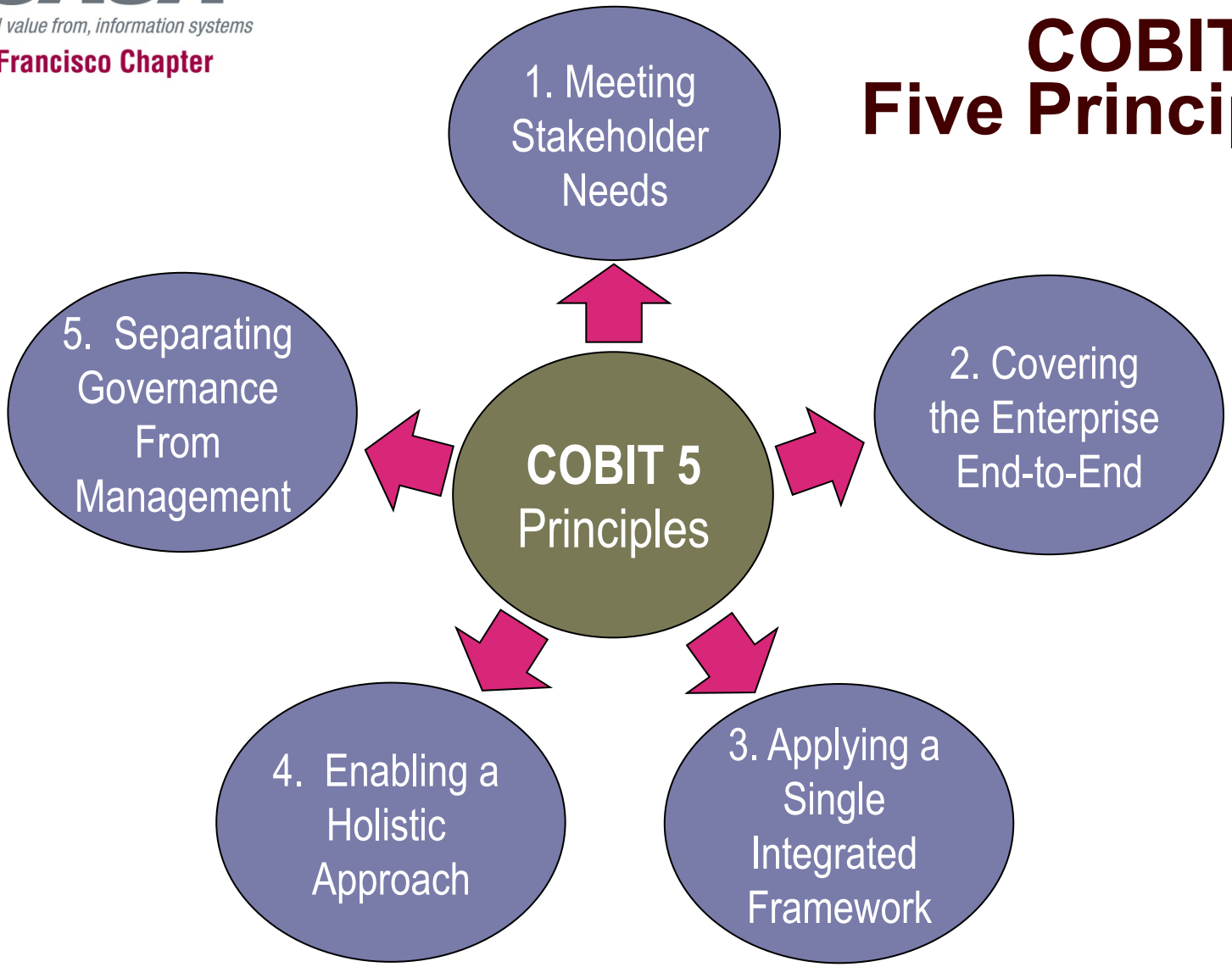
COBIT 5 – Five Principles



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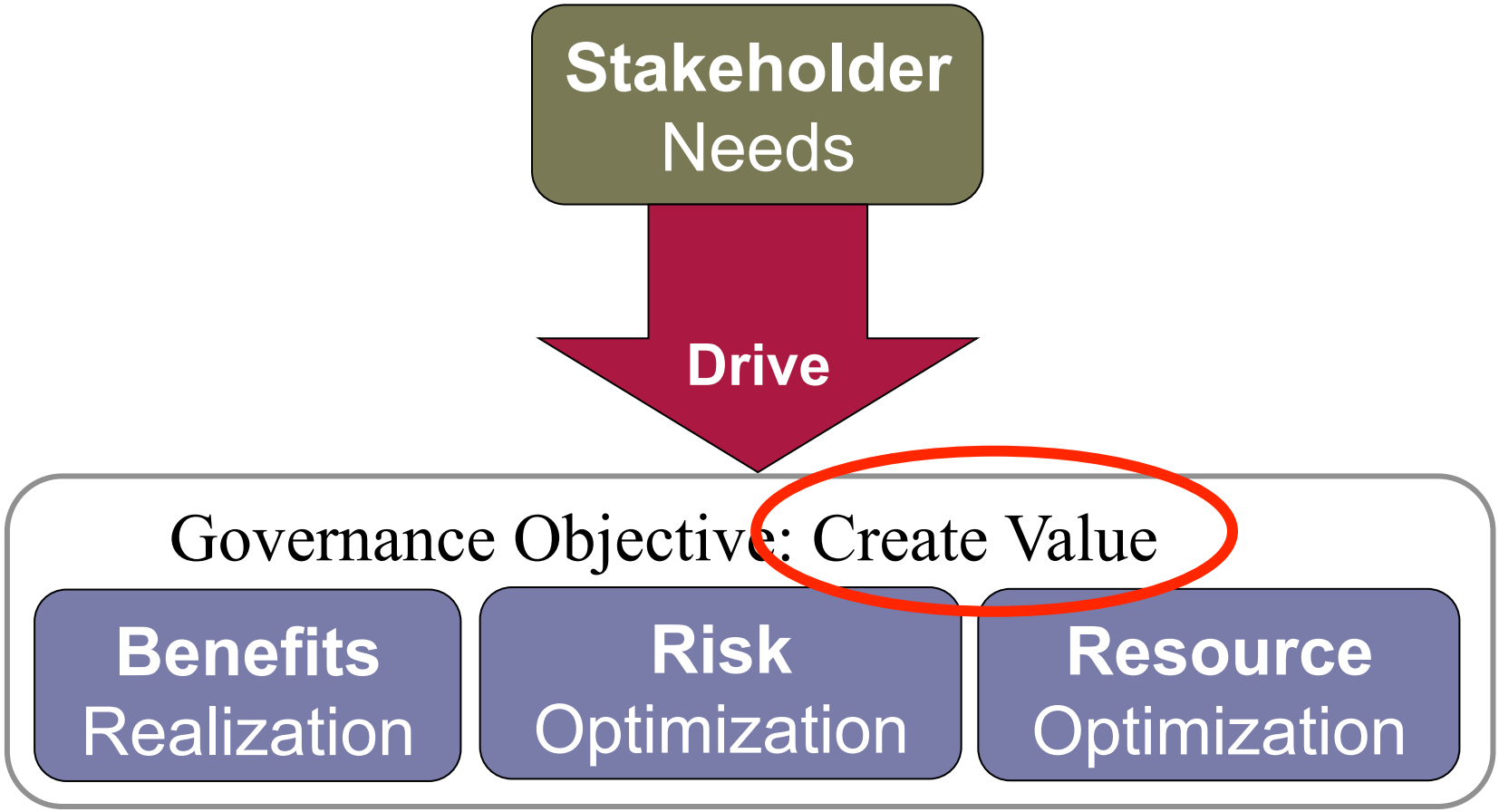
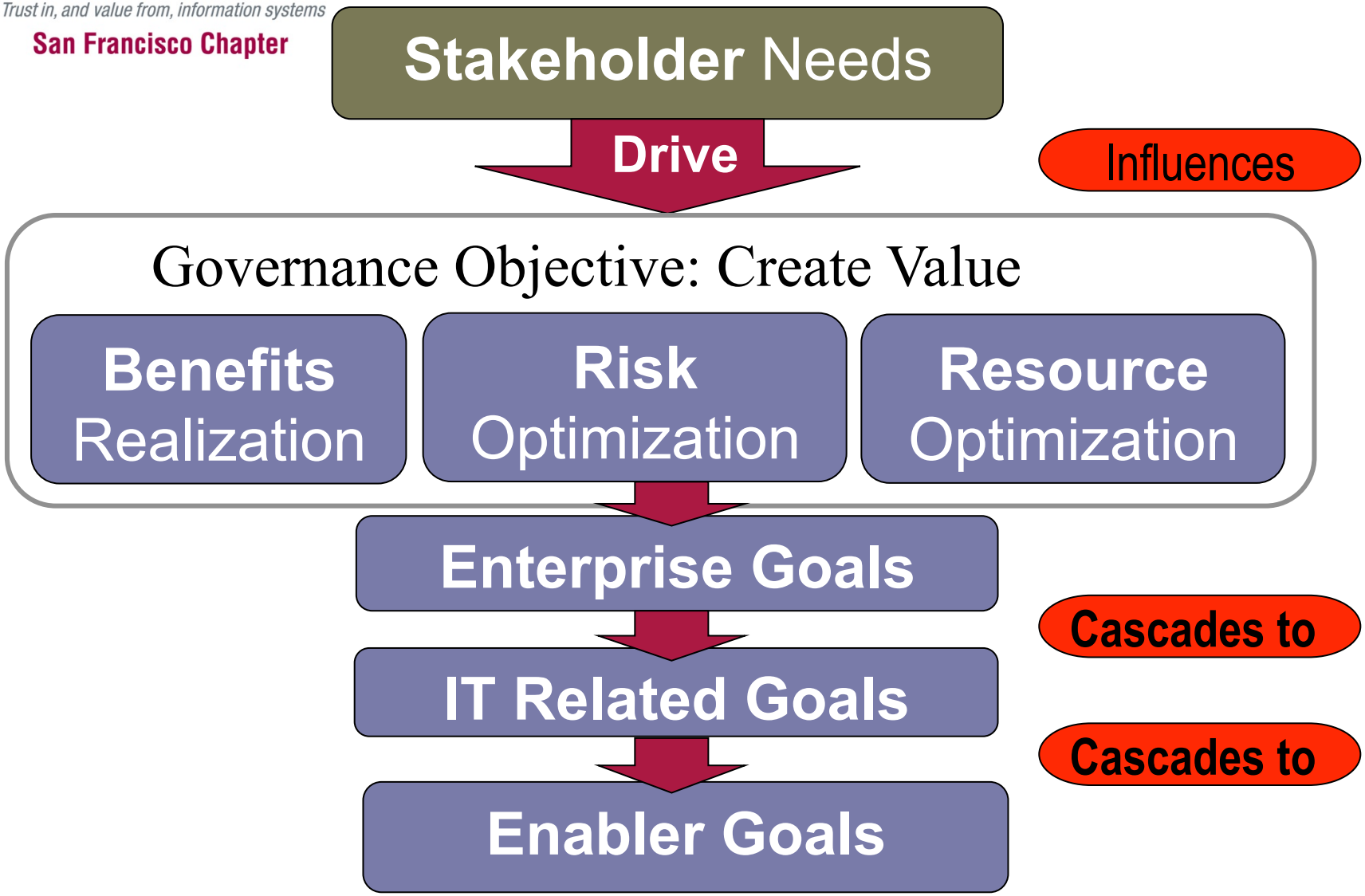
Principle 1. Meeting Stakeholder Needs




Stakeholder Needs
Drive
Influences
Governance Objective: Create Value
Benefits Realization
Risk Optimization
Resource Optimization
Enterprise Goals
Cascades to
IT Related Goals
Cascades to
Enabler Goals

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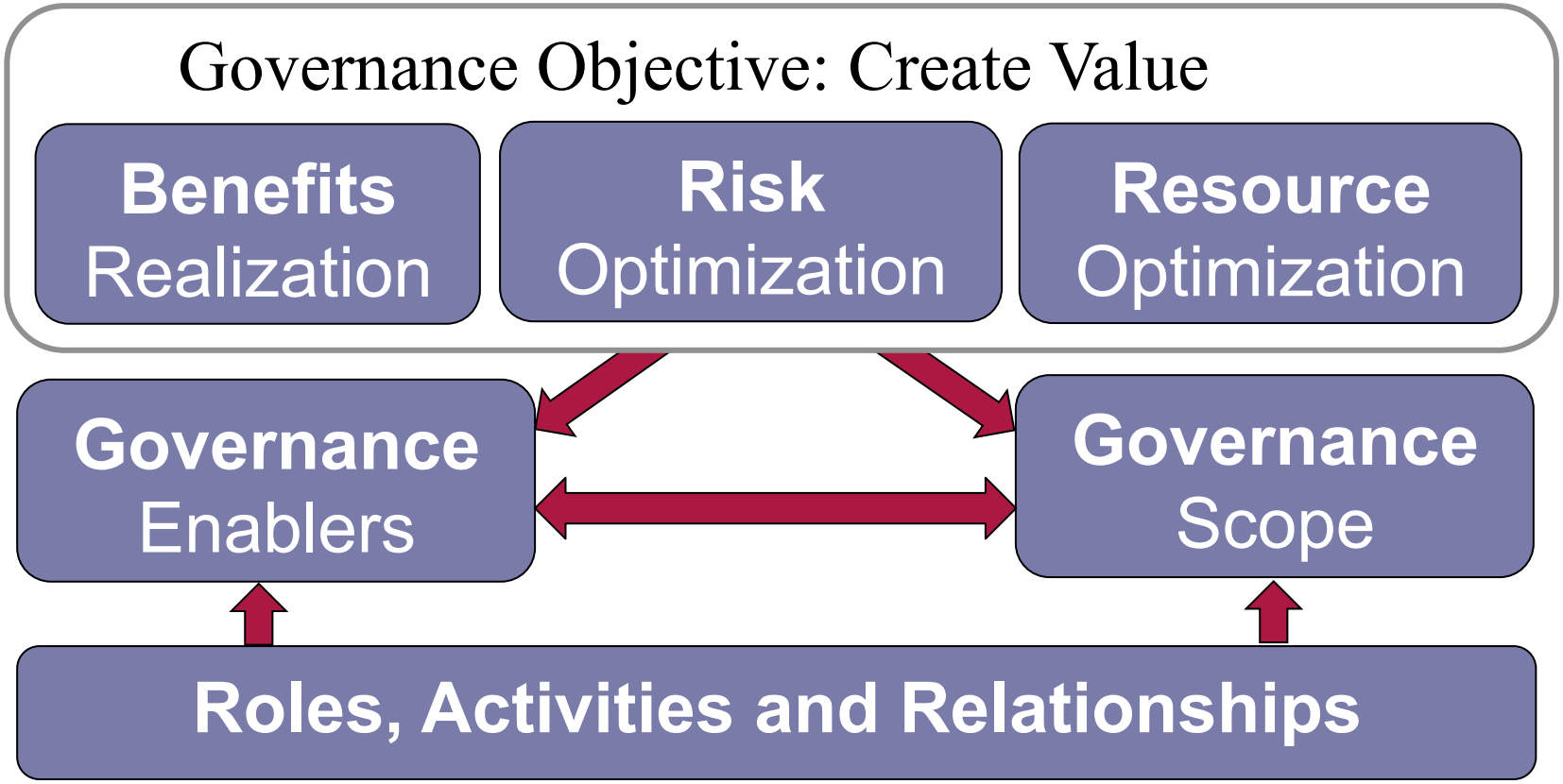
Principle 2. Covering the Enterprise End-to-End



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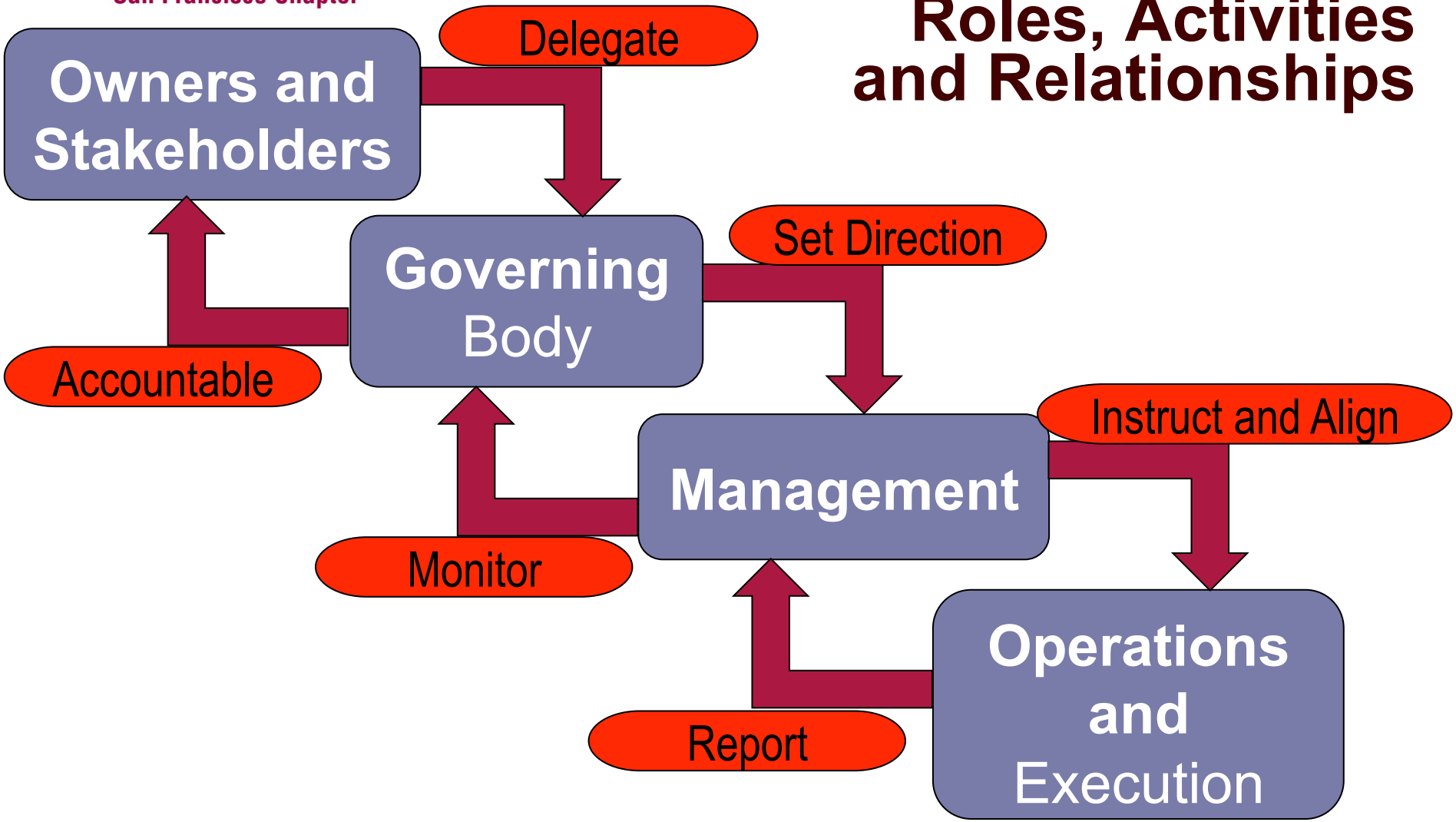
Principle 2: Roles, Activities and Relationships



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Principle 3: Applying a Single Integrated Framework

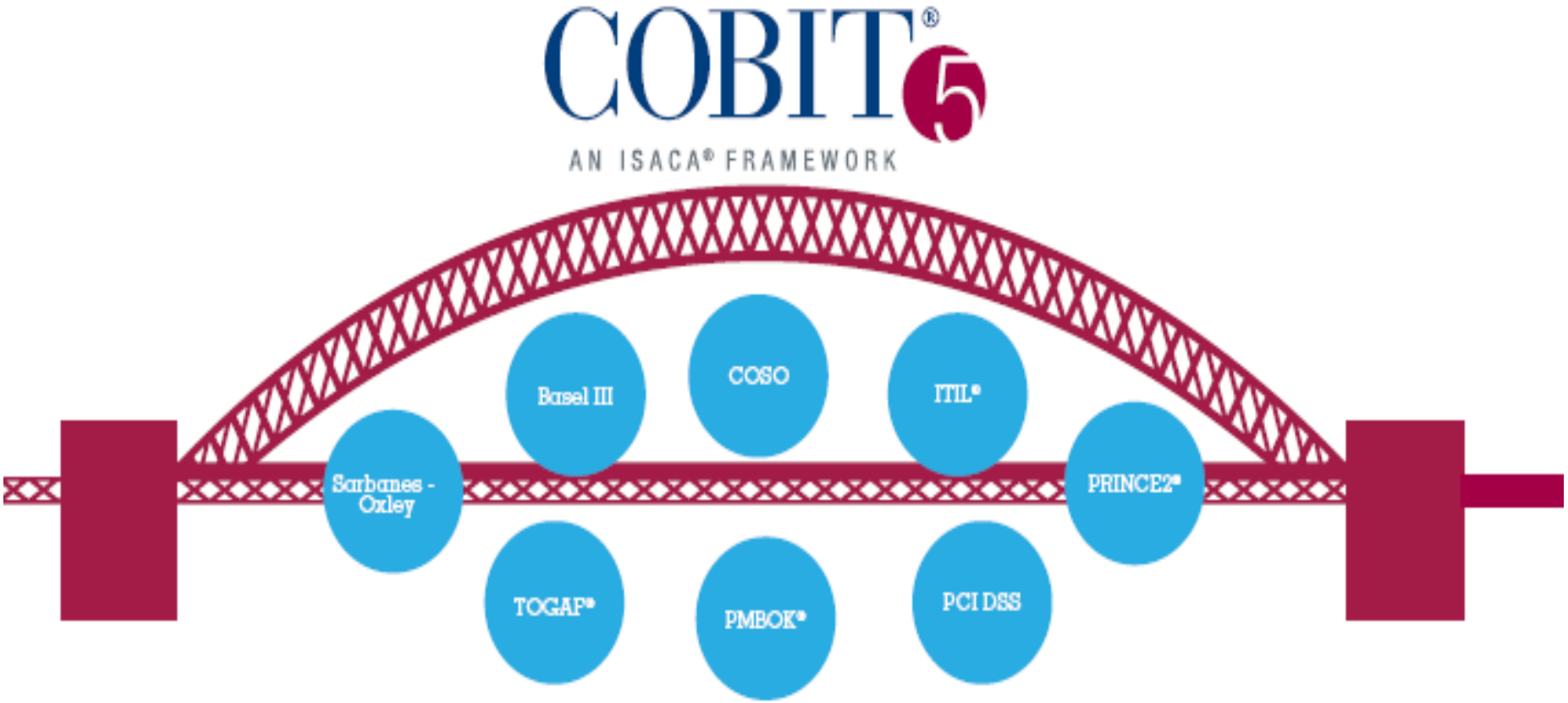

Diagram excerpt from COBIT 5 Essential Facts - Fact 4:
"COBIT 5 brings order to complex standards, regulations and frameworks"

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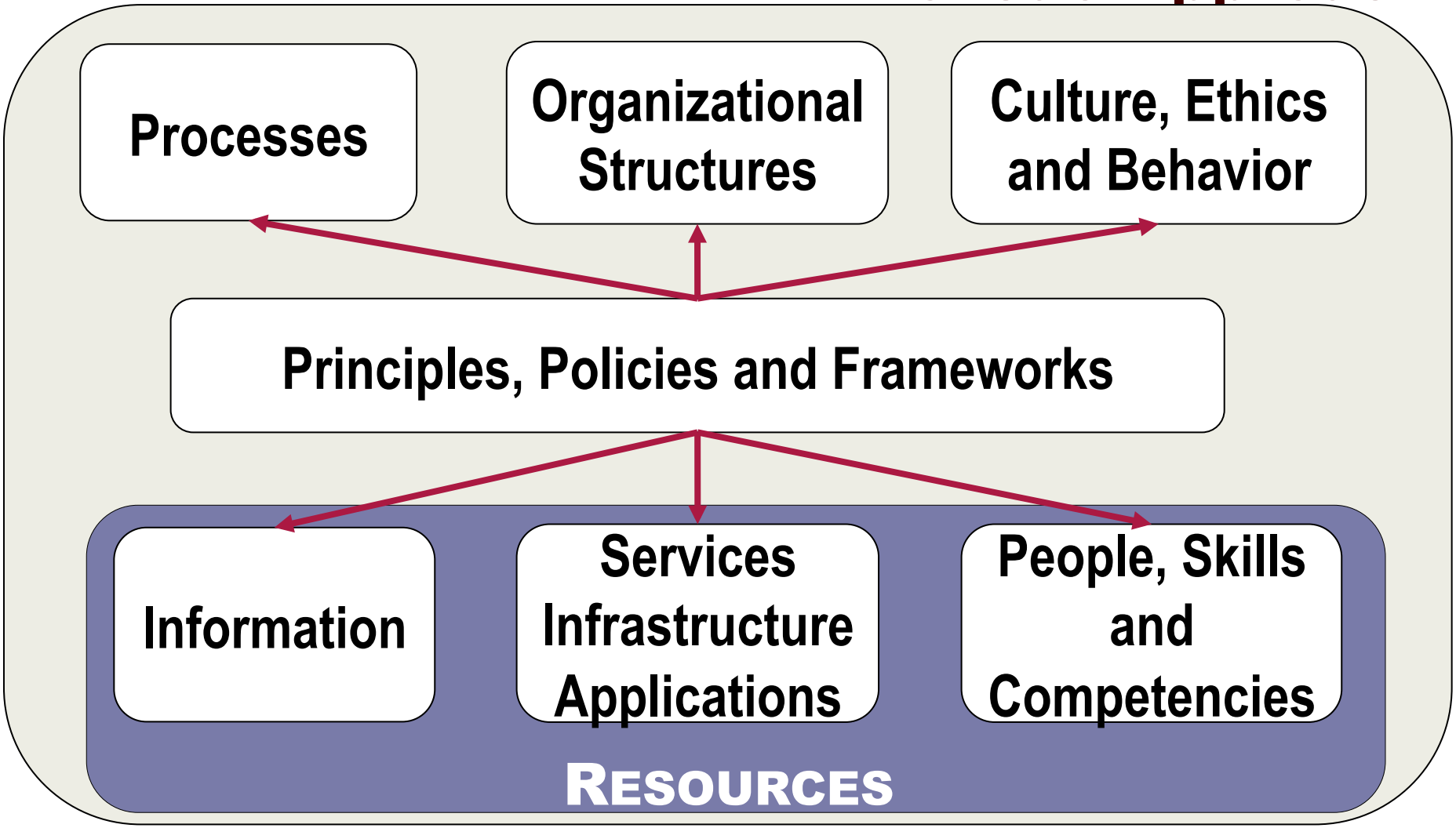
Principle 4. Enabling a Holistic Approach



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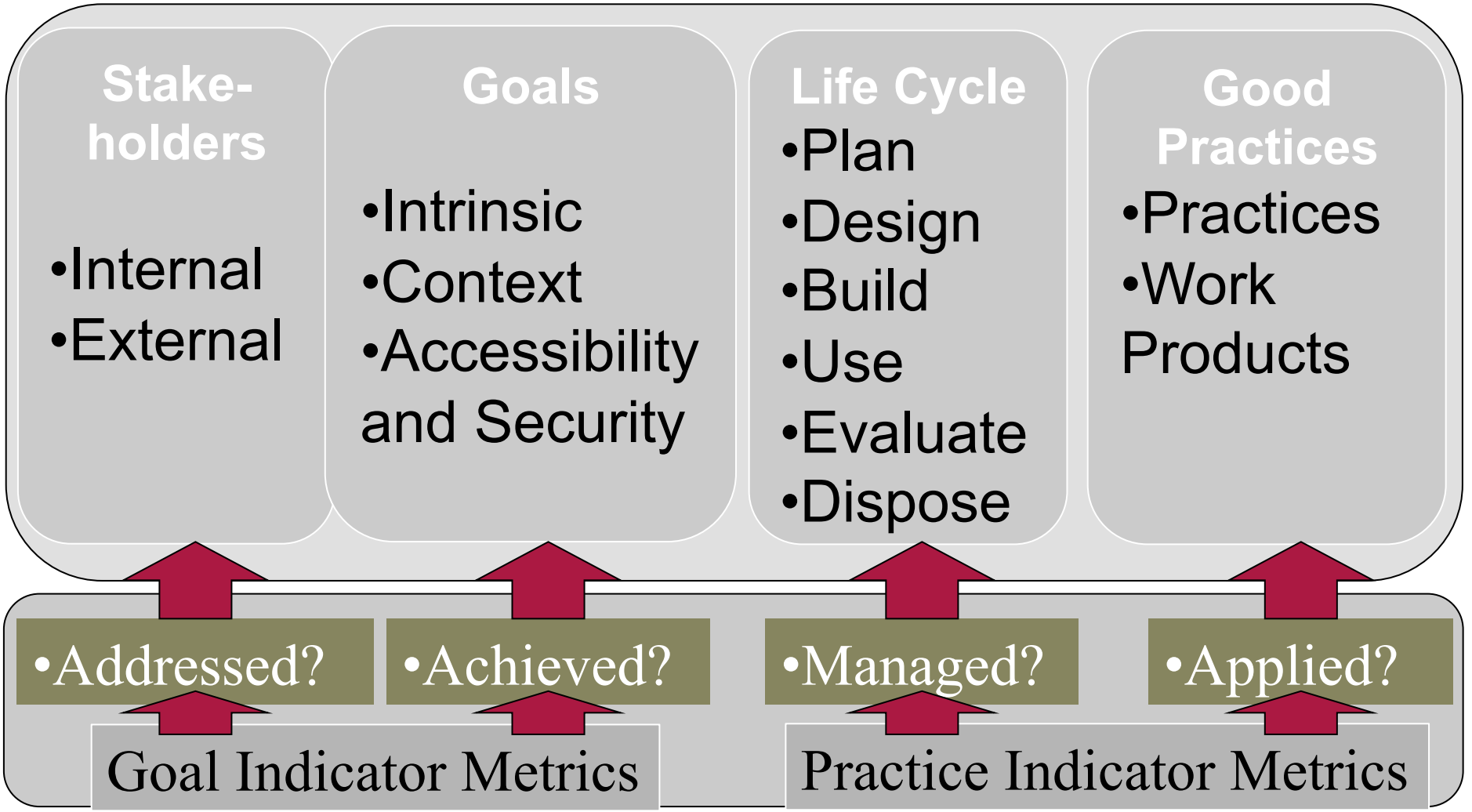
Enablers and Performance



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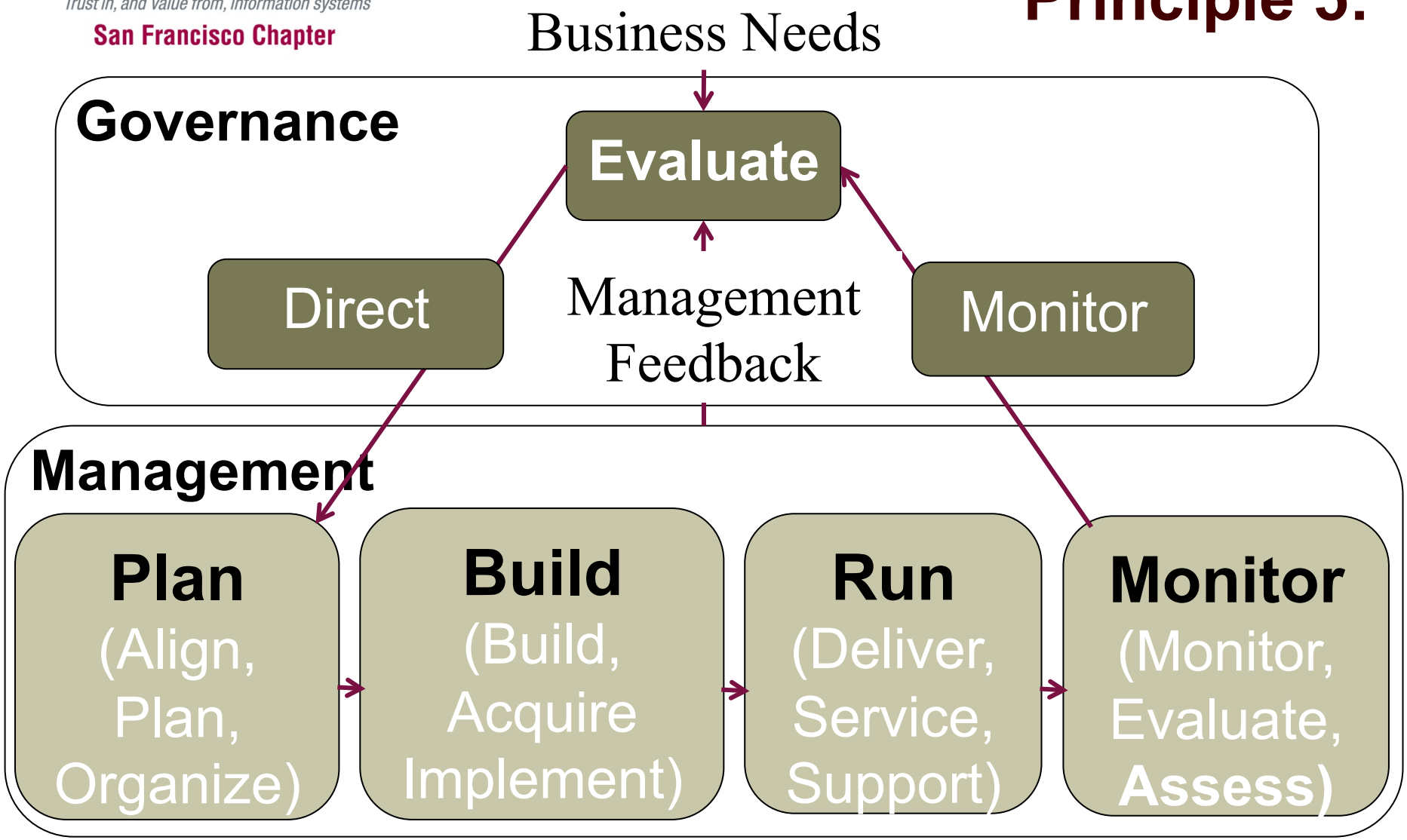
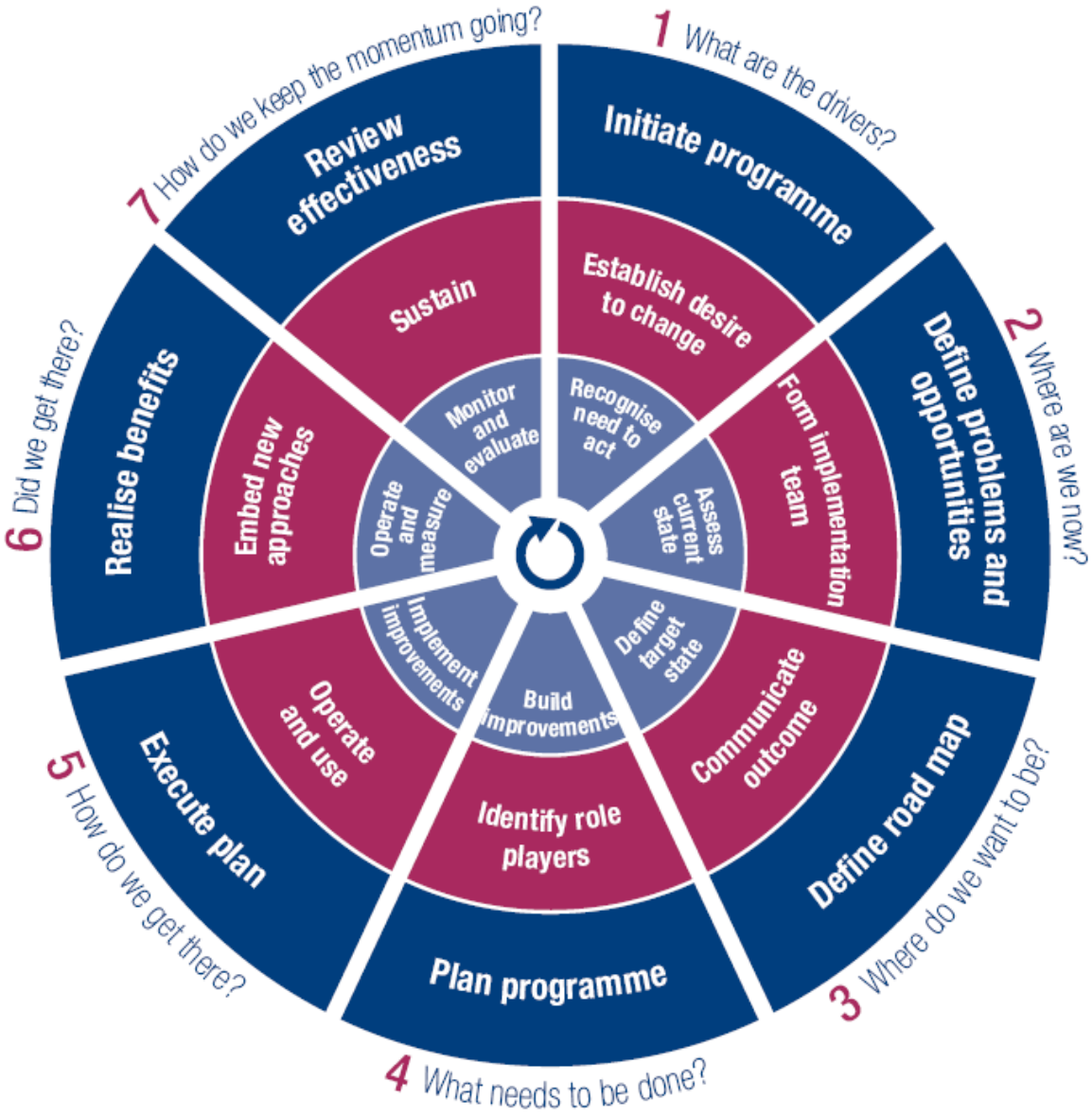
Principle 5:



The Seven Phases of the Implementation Life Cycle



- **Programme management** (outer ring)
- **Change enablement** (middle ring)
- **Continual improvement life cycle** (inner ring)

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Process Capability Assessment Approach

- Detailed guidance for COBIT 5
- ISO/IEC 15504 Compliant method
- COBIT 5 Enabling Processes are defined as ISO/IEC 15504 compliant process reference model
- Raises bar – incomplete process if there is not evidence (metrics and work products) that purpose/goals are largely achieved
- Aligns with ITIL TIPA Assessment method

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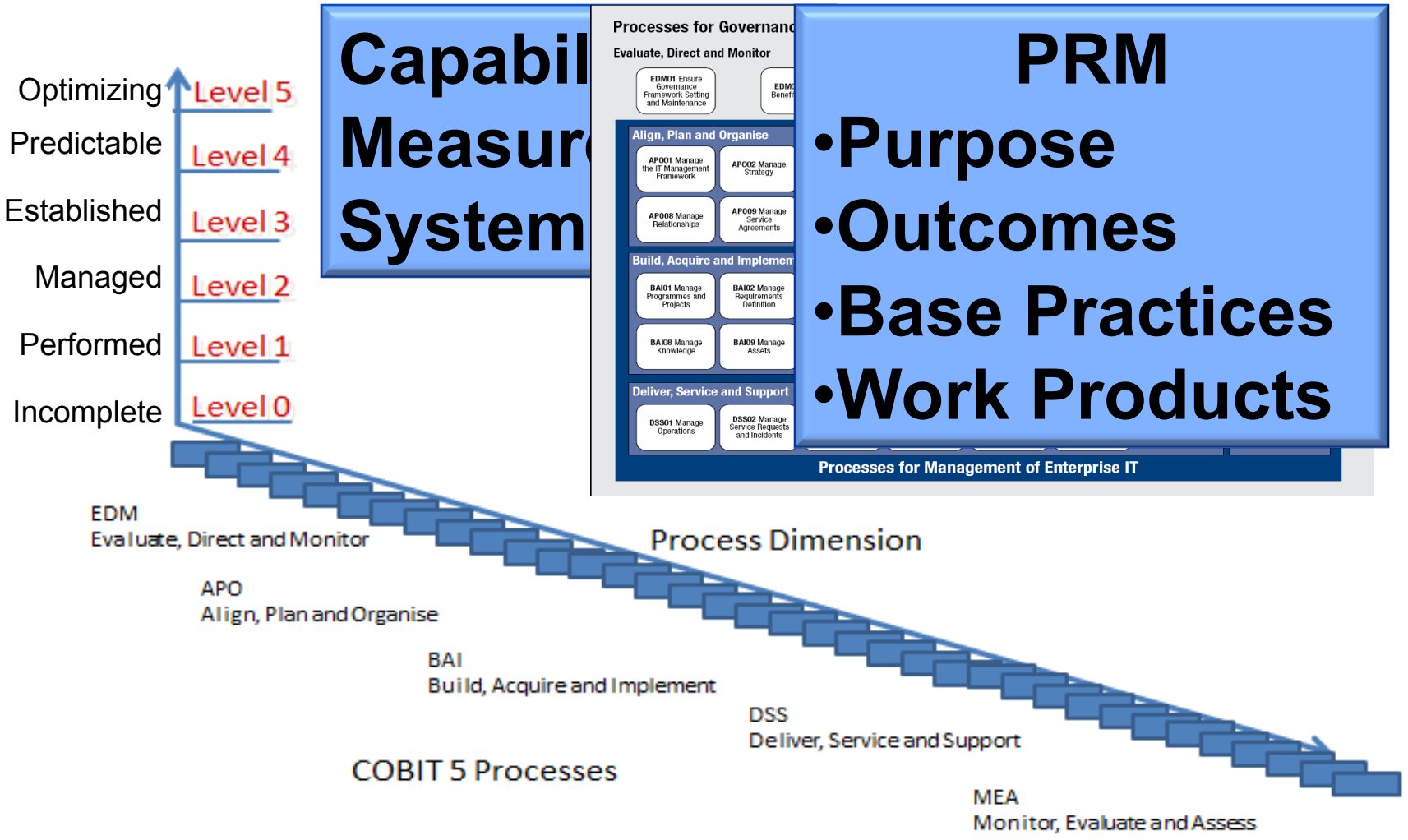
COBIT 5 PAM



COBIT 5 Enabling Processes

- Goals Cascade
- Process model explanation
- Diagram of Model
- Details for 37 Processes:
  - Purpose
  - Practices
  - Goals & Metrics
  - Activities & RACI
  - Work Products

Processes for Governance of Enterprise IT

Evaluate, Direct and Monitor

- **EDM01** Ensure Governance Framework Setting and Maintenance
- **EDM02** Ensure Benefits Delivery
- **EDM03** Ensure Risk Optimisation
- **EDM04** Ensure Resource Optimisation
- **EDM05** Ensure Stakeholder Transparency

Align, Plan and Organise

- **APO01** Manage the IT Management Framework
- **APO02** Manage Strategy
- **APO03** Manage Enterprise Architecture
- **APO04** Manage Innovation
- **APO05** Manage Portfolio
- **APO06** Manage Budget and Costs
- **APO07** Manage Human Resources
- **APO08** Manage Relationships
- **APO09** Manage Service Agreements
- **APO10** Manage Suppliers
- **APO11** Manage Quality
- **APO12** Manage Risk
- **APO13** Manage Security

Build, Acquire and Implement

- **BAI01** Manage Programmes and Projects
- **BAI02** Manage Requirements Definition
- **BAI03** Manage Solutions Identification and Build
- **BAI04** Manage Availability and Capacity
- **BAI05** Manage Organisational Change Enablement
- **BAI06** Manage Changes
- **BAI07** Manage Change Acceptance and Transitioning
- **BAI08** Manage Knowledge
- **BAI09** Manage Assets
- **BAI10** Manage Configuration

Deliver, Service and Support

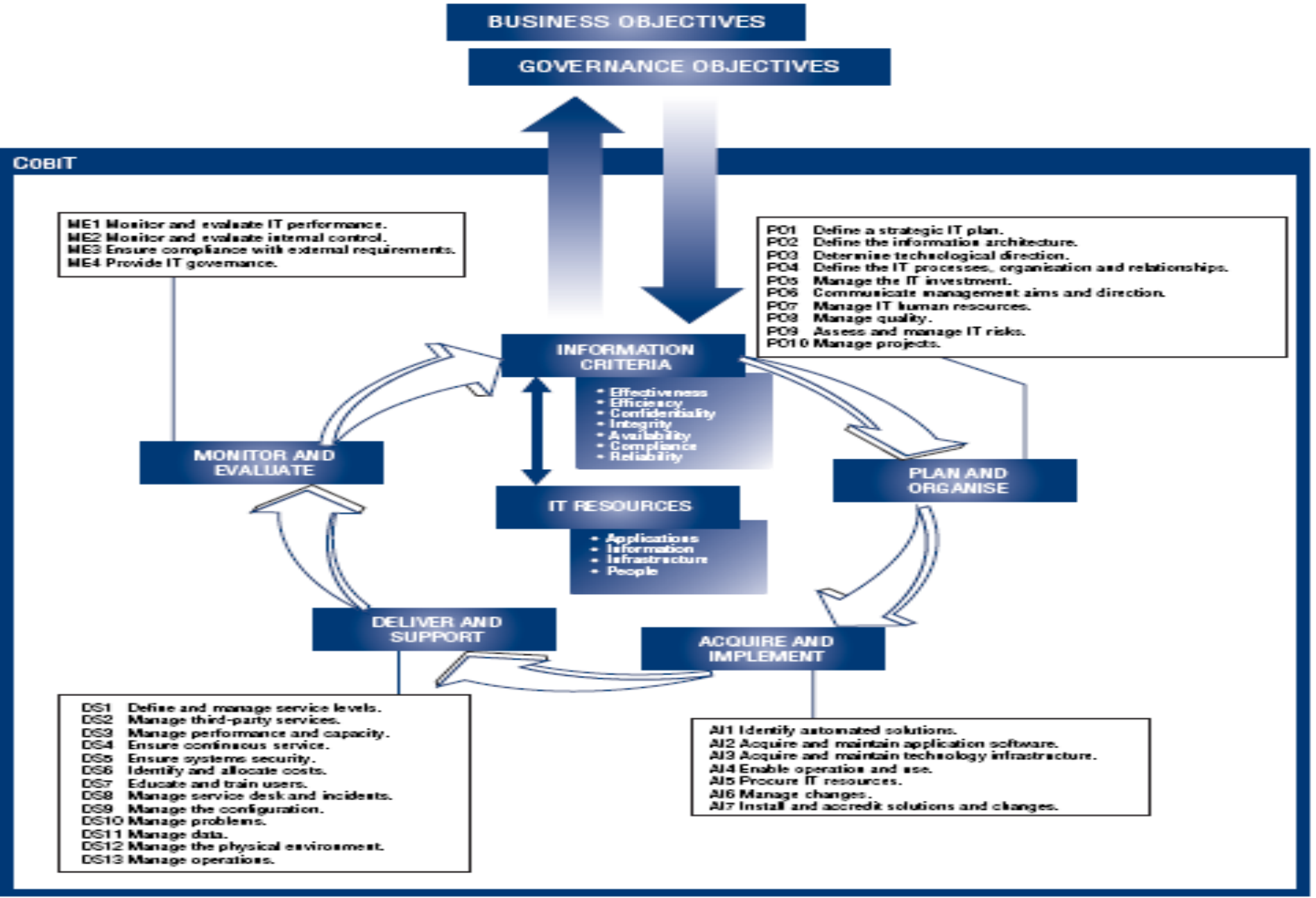
- **DSS01** Manage Operations
- **DSS02** Manage Service Requests and Incidents
- **DSS03** Manage Problems
- **DSS04** Manage Continuity
- **DSS05** Manage Security Services
- **DSS06** Manage Business Process Controls

Monitor, Evaluate and Assess

- **MEA01** Monitor, Evaluate and Assess Performance and Conformance
- **MEA02** Monitor, Evaluate and Assess the System of Internal Control
- **MEA03** Monitor, Evaluate and Assess Compliance With External Requirements

Processes for Management of Enterprise IT

COBIT4.1 Framework



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COBIT 4.1 v.s COBIT 5

COBIT 4.1

- Governance embedded
- No Val IT and Risk IT
- IT Management and Audit focus

COBIT 5.0

- 5 Principles
- “Principle-driven” approach
- Bridge from COBIT 4.1
- Enablers developed as “Pulled”

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Summary

Processes for Governance of Enterprise IT

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Processes for Management of Enterprise IT

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Thanks!

Great ideas need landing gear as well as wings.
~C.D. Jackson

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