

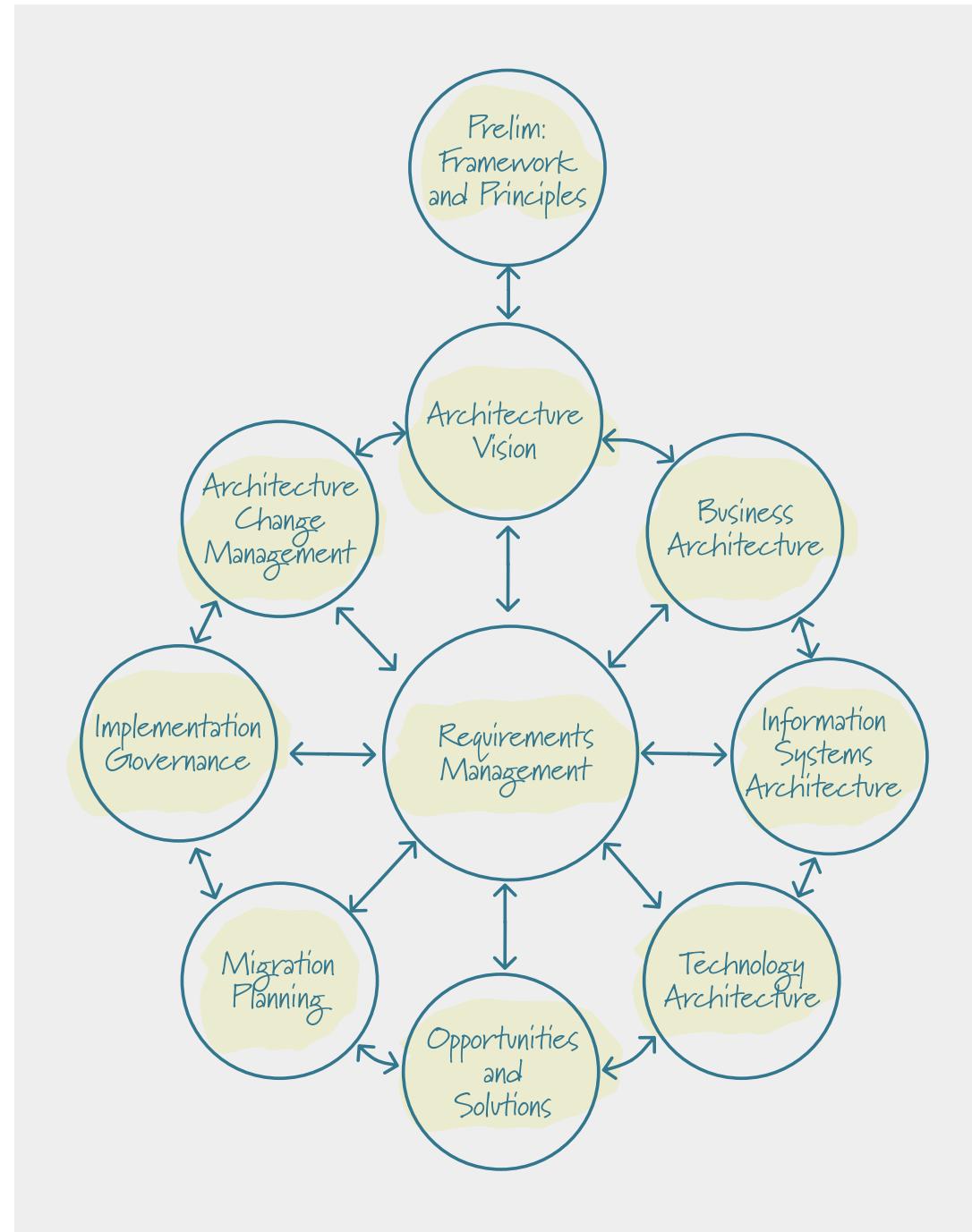
# Introduction to TOGAF

## The Open Group Architecture Framework

Berlin, June 2022



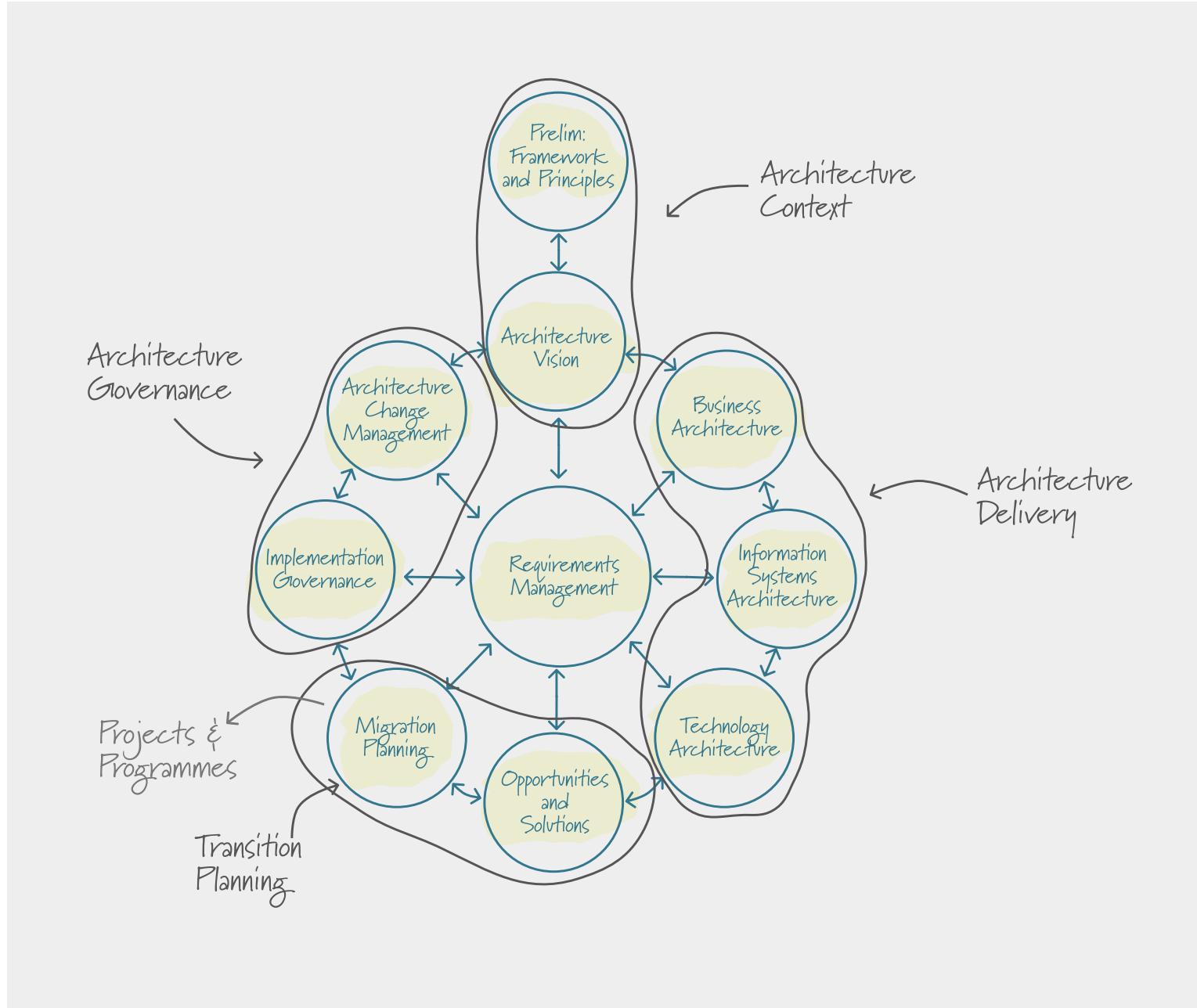
# Architecture Development Method (ADM Lifecycle)



TOGAF (The Open Group Architecture Framework) is an enterprise architecture management methodology that was developed and is standardized by The Open Group.

It covers the complete life cycle from the initial architecture vision through migration planning, implementation and architectural change management.

# Four Important TOGAF Phases

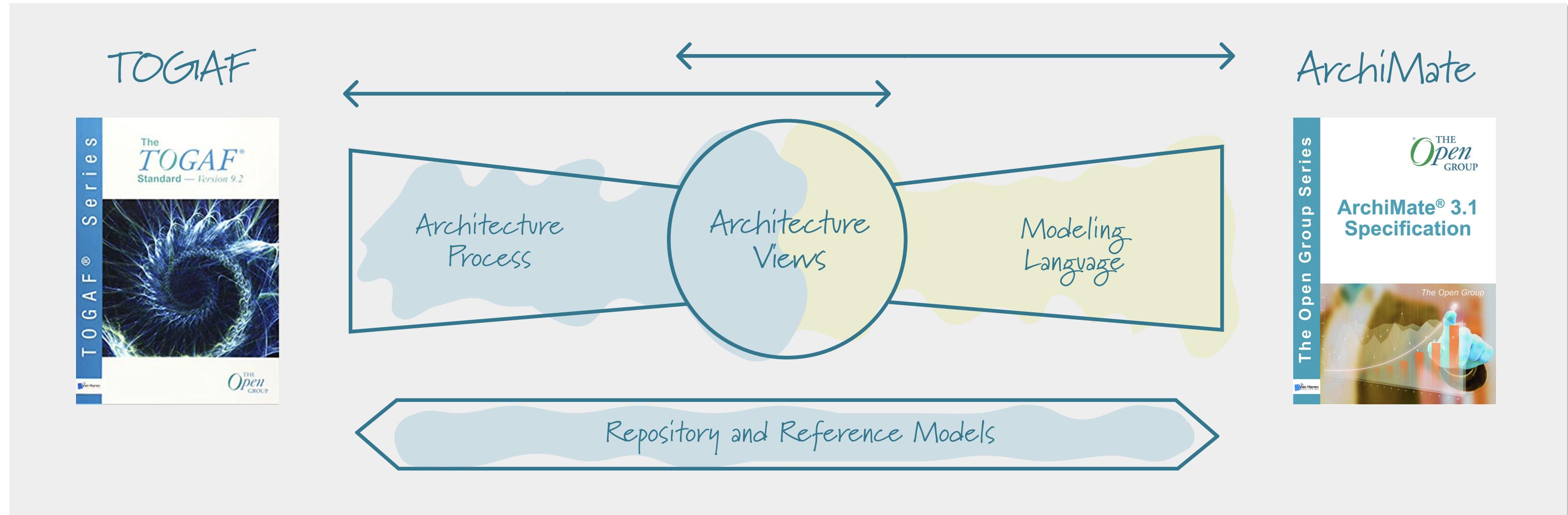


TOGAF follows an iterative, cyclic approach - depending on the situation and the maturity of the enterprise different steps are in focus.

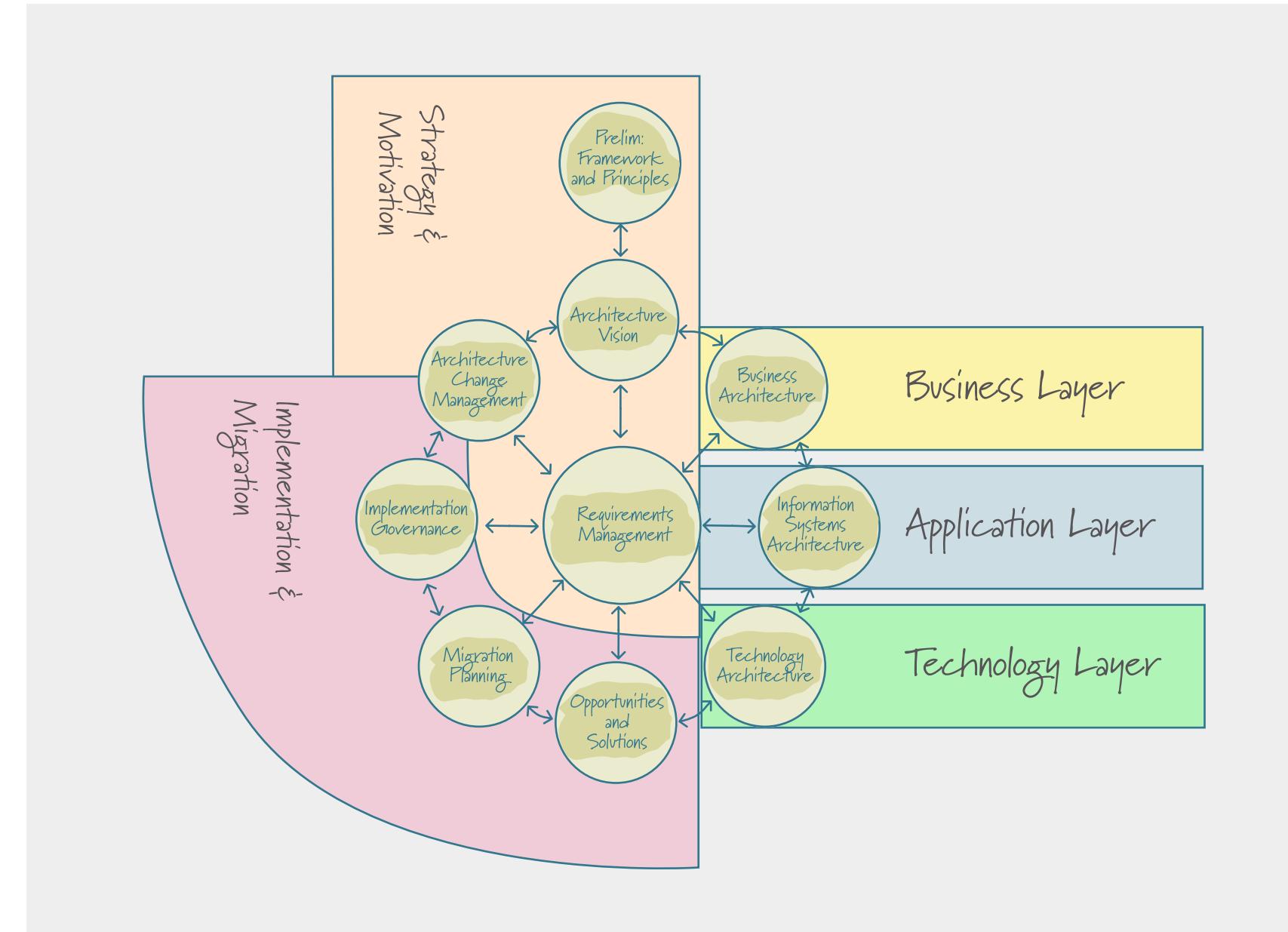
The steps can be grouped into four phases:

- Architecture Context
- Architecture Delivery
- Transition Planning
- Architecture Governance

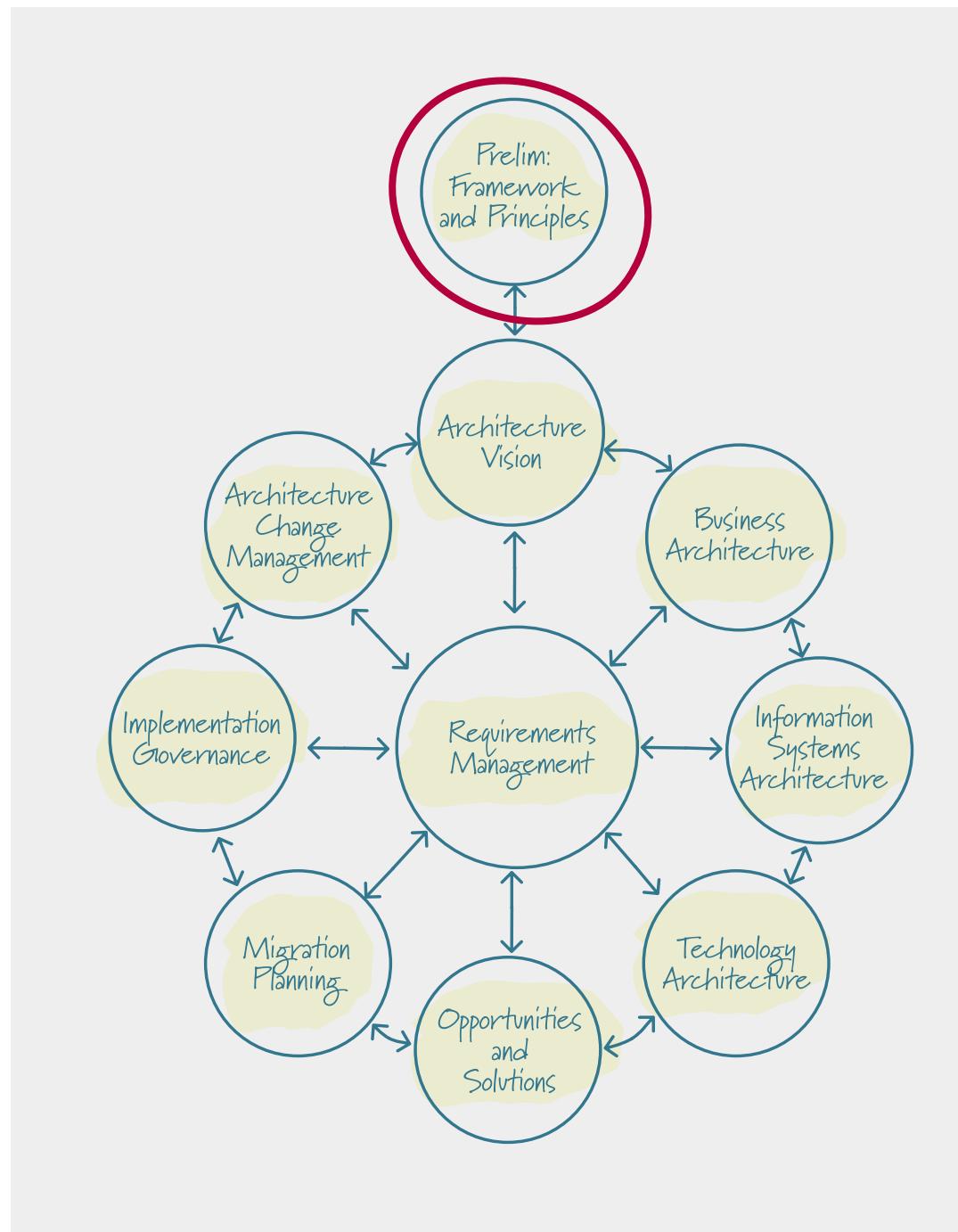
# TOGAF And ArchiMate: a Strong Team



# ArchiMate Layers And TOGAF Lifecycle Are Aligned



# Preliminary Phase: Framework And Principles



## Objectives

Determine and establish the architecture capability desired by the organization, program or project.

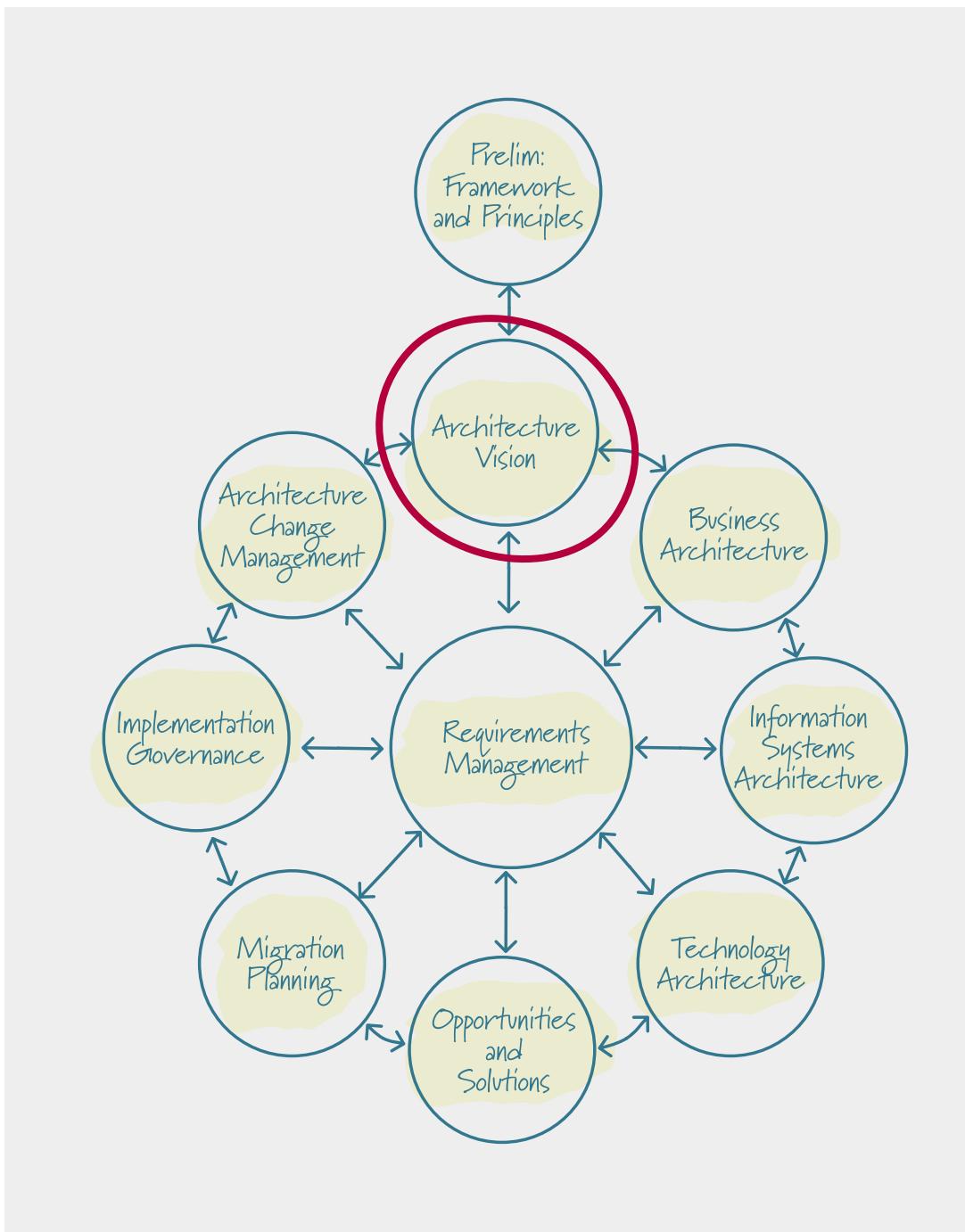
## Activities

Understand the context  
Assess the current capability  
Define objectives  
Define guidelines  
Establish tooling  
Hire resources

## Outcomes

Architecture team established  
Tooling established  
Initial guidelines established

# Step 1: Architecture Vision



## Objectives

Develop a high-level vision of what is to be achieved as a result of a re-designed architecture.

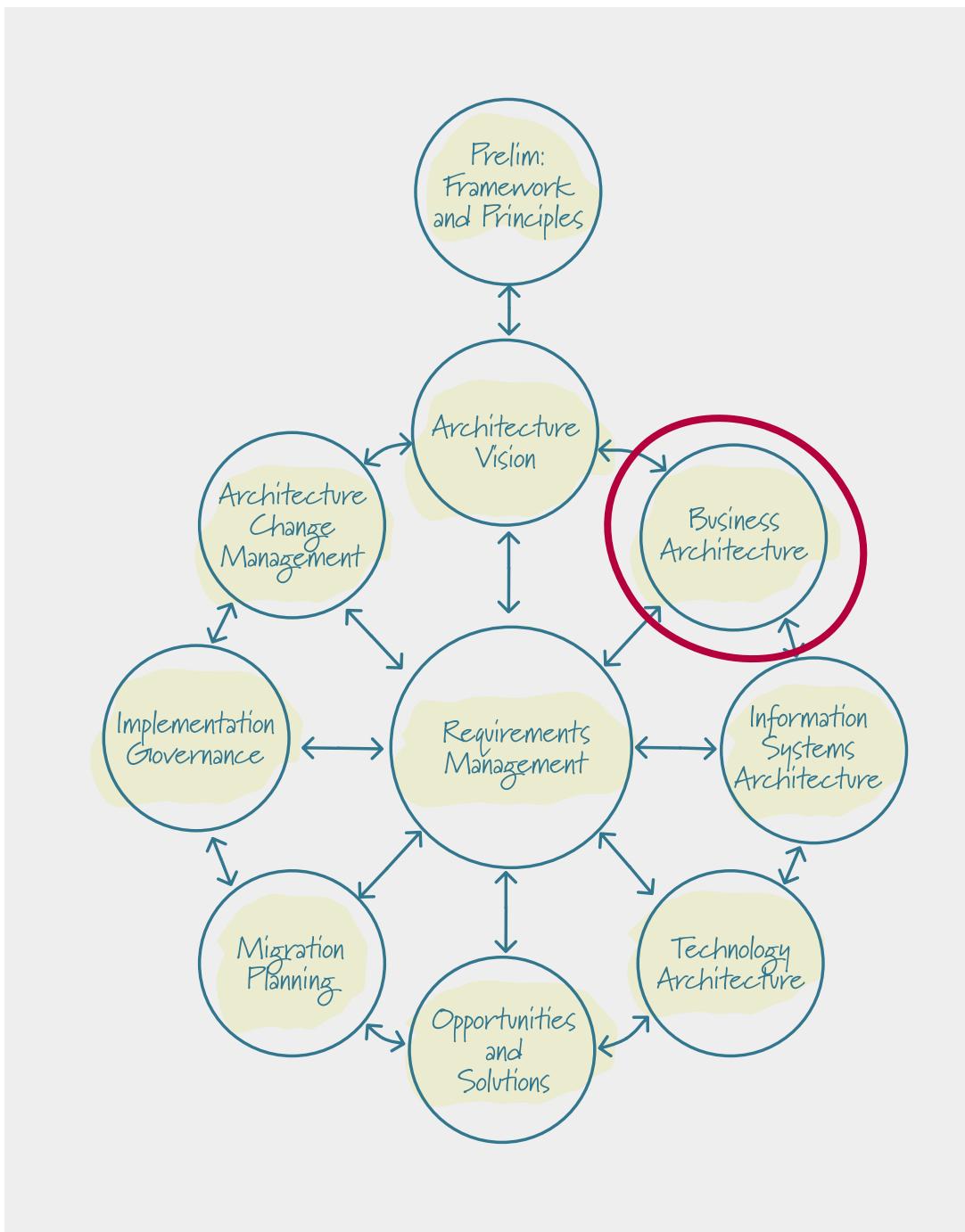
## Activities

Identify stakeholders, concerns and business requirements.  
Elaborate business goals, drivers and constraints.  
Assess readiness for transformation  
Define scope  
Elaborate principles  
Develop architecture vision

## Outcomes

Architecture vision

# Step 2: Business Architecture



## Objectives

Develop target business architecture that describes how the business needs to operate to achieve its goals.

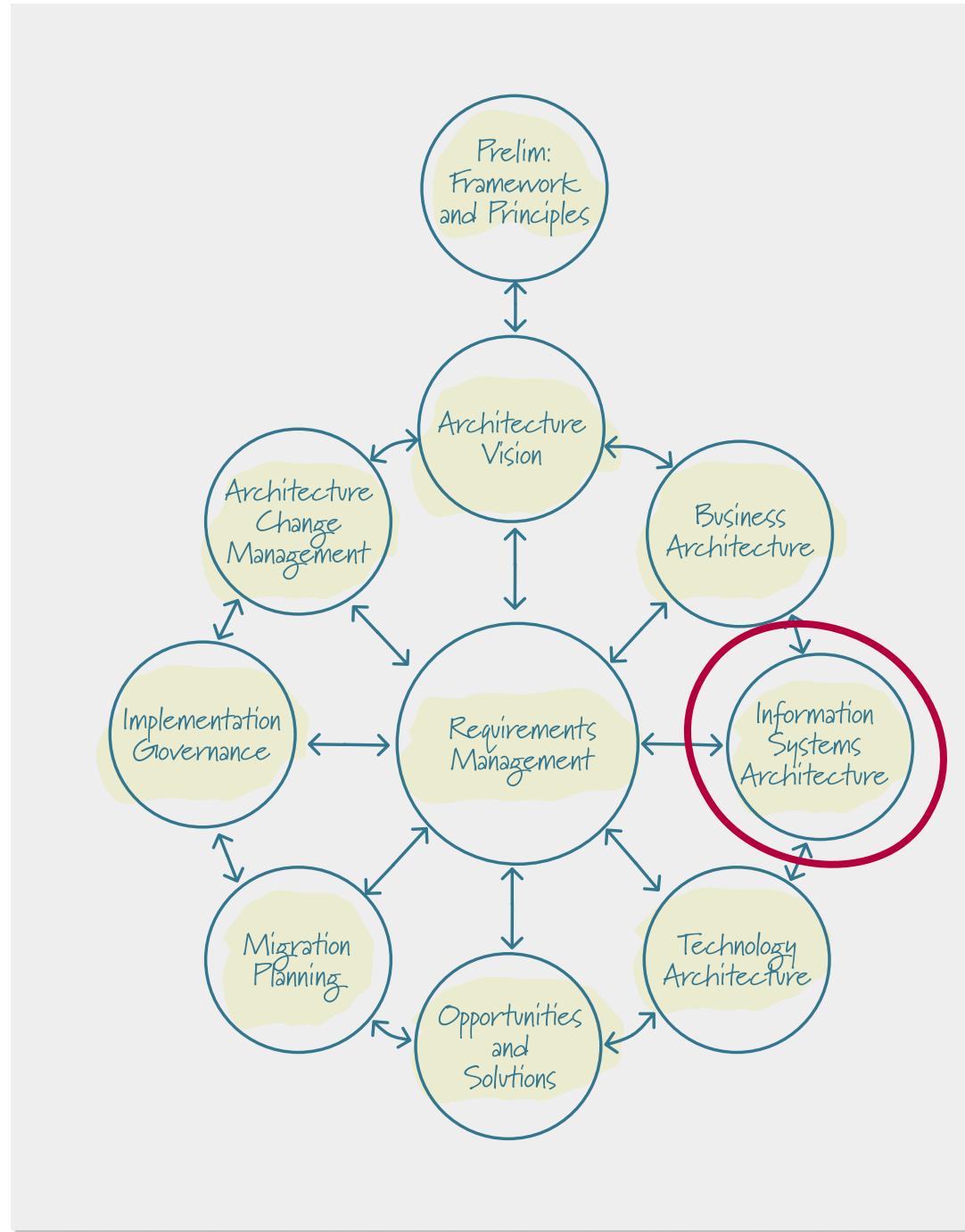
## Activities

Develop baseline business architecture description  
Develop target business architecture description  
Perform gap analysis

## Outcomes

Initial Business Architecture Definition  
Identify roadmap candidates

# Step 3: Information Systems Architecture



## Objectives

Develop data architecture  
Develop application systems architecture

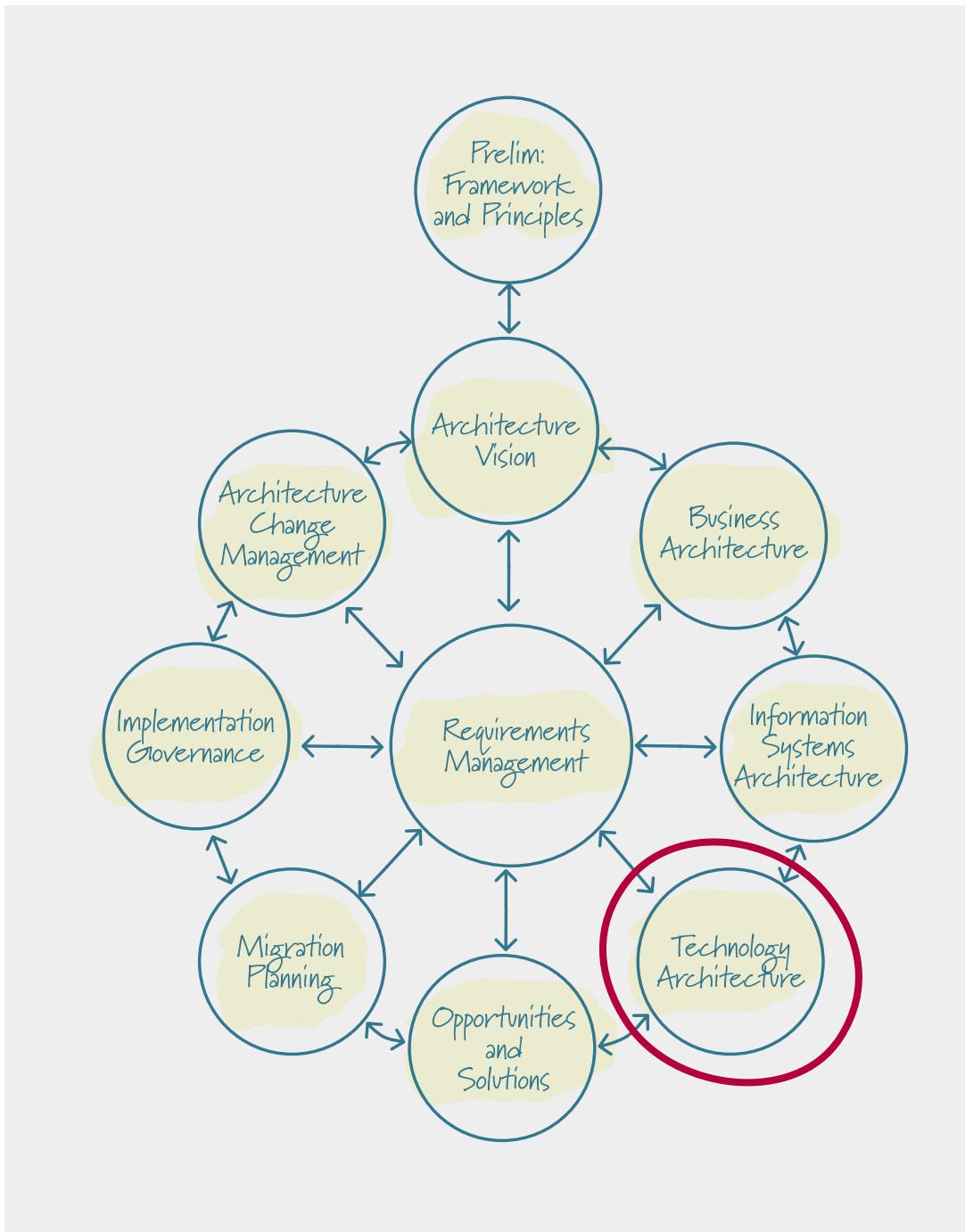
## Activities

Develop baseline data architecture and application architecture description  
Develop target data architecture and application architecture description  
Perform gap analysis

## Outcomes

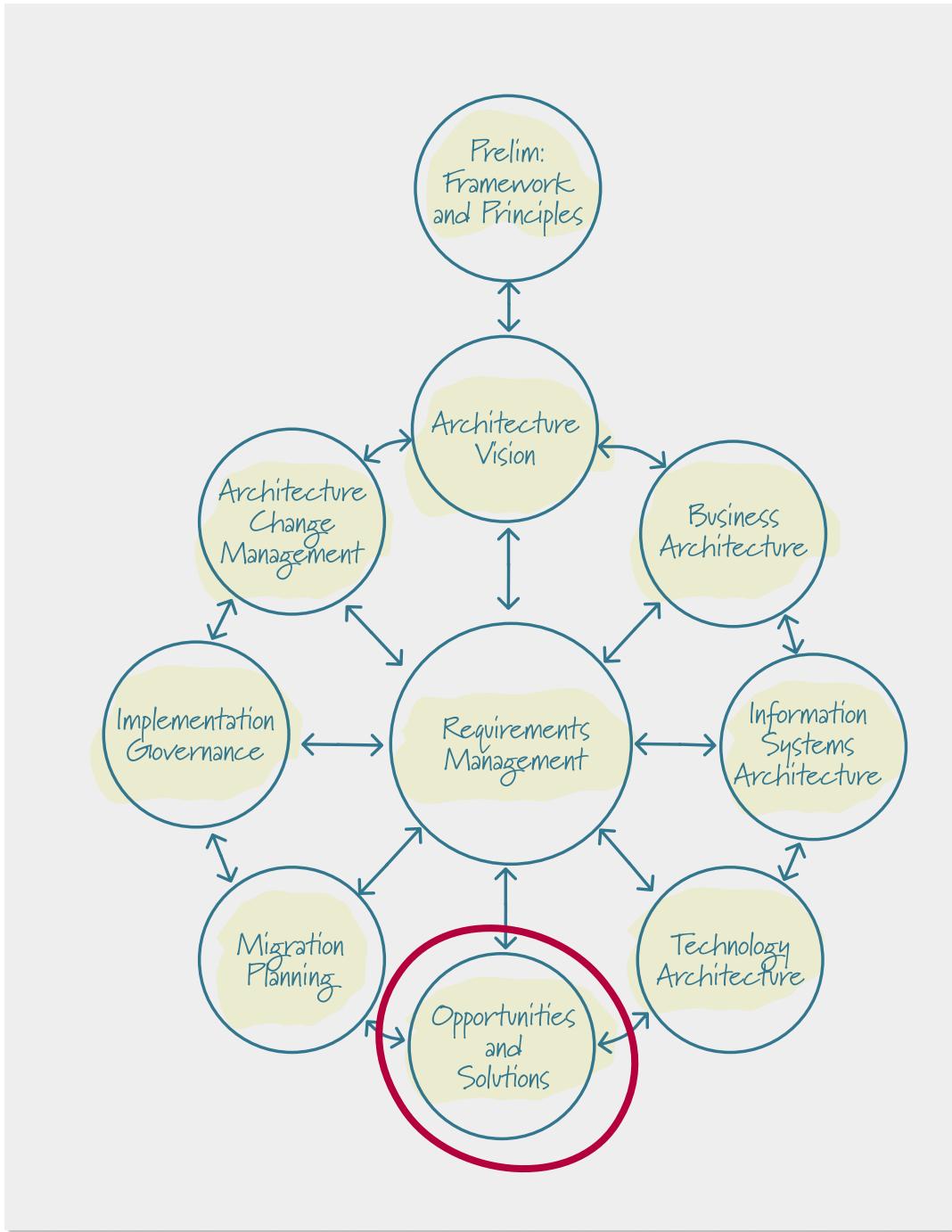
Initial data architecture definition  
Initial application architecture definition  
Identify roadmap candidates

# Step 4: Technology Architecture



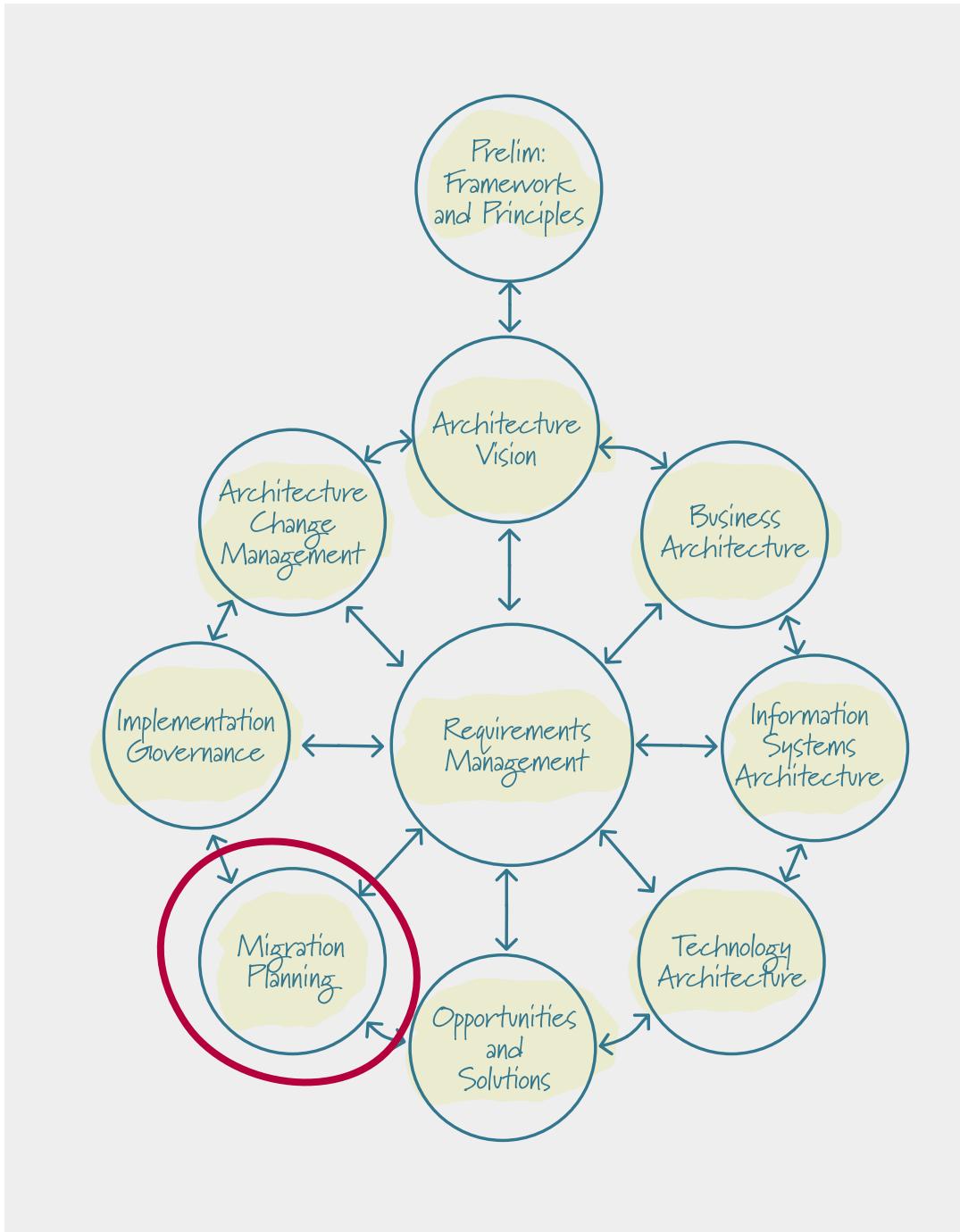
<b>Objectives</b>	Develop technology architecture
<b>Activities</b>	Develop baseline technology architecture Develop target technology architecture Perform gap analysis
<b>Outcomes</b>	Initial technology architecture definition Identify roadmap candidates

# Step 5: Opportunities And Solutions



<b>Objectives</b>	Develop architecture roadmap Define solution building blocks
<b>Activities</b>	Identify implementation constraints Develop architecture roadmap Develop initial implementation and migration plan
<b>Outcomes</b>	Architecture roadmap Outline implementation and migration plan

# Step 6: Migration Planning



## Objectives

Finalize architecture roadmap  
Finalize implementation and migration plan

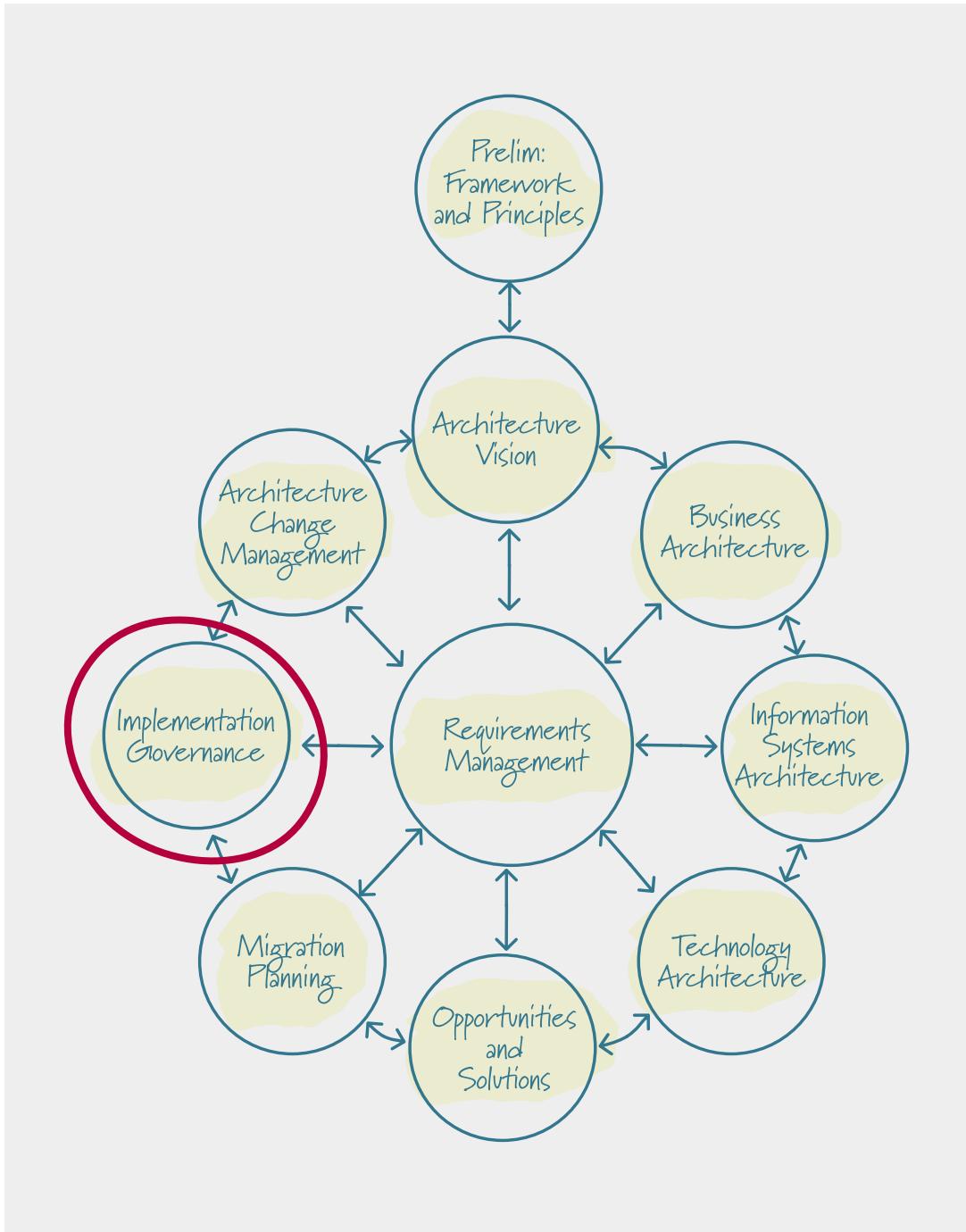
## Activities

Perform cost/benefit assessment  
Define project portfolio  
Prioritize projects  
Finalize architecture roadmap  
Finalize implementation and migration plan

## Outcomes

Architecture roadmap  
Detailed implementation and migration plan

# Step 7: Implementation Governance



## Objectives

Ensure implementation and migration projects conform to target architecture

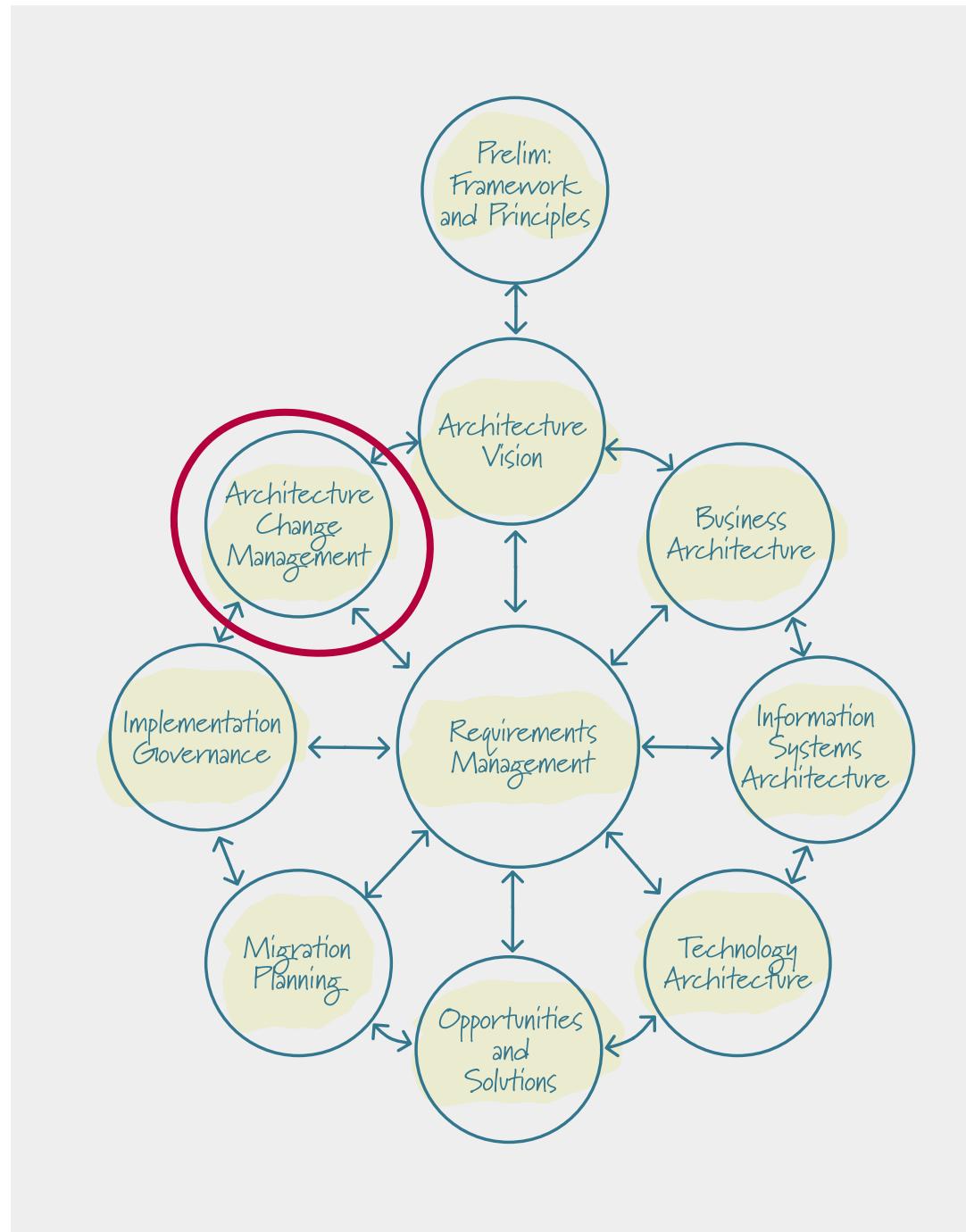
## Activities

Guide implementation and migration projects  
Perform implementation and migration project assessments

## Outcomes

Compliance assessments

# Step 8: Architecture Change Management



## Objectives

Ensure architecture life cycle is maintained

## Activities

Monitor the architecture

Manage risks

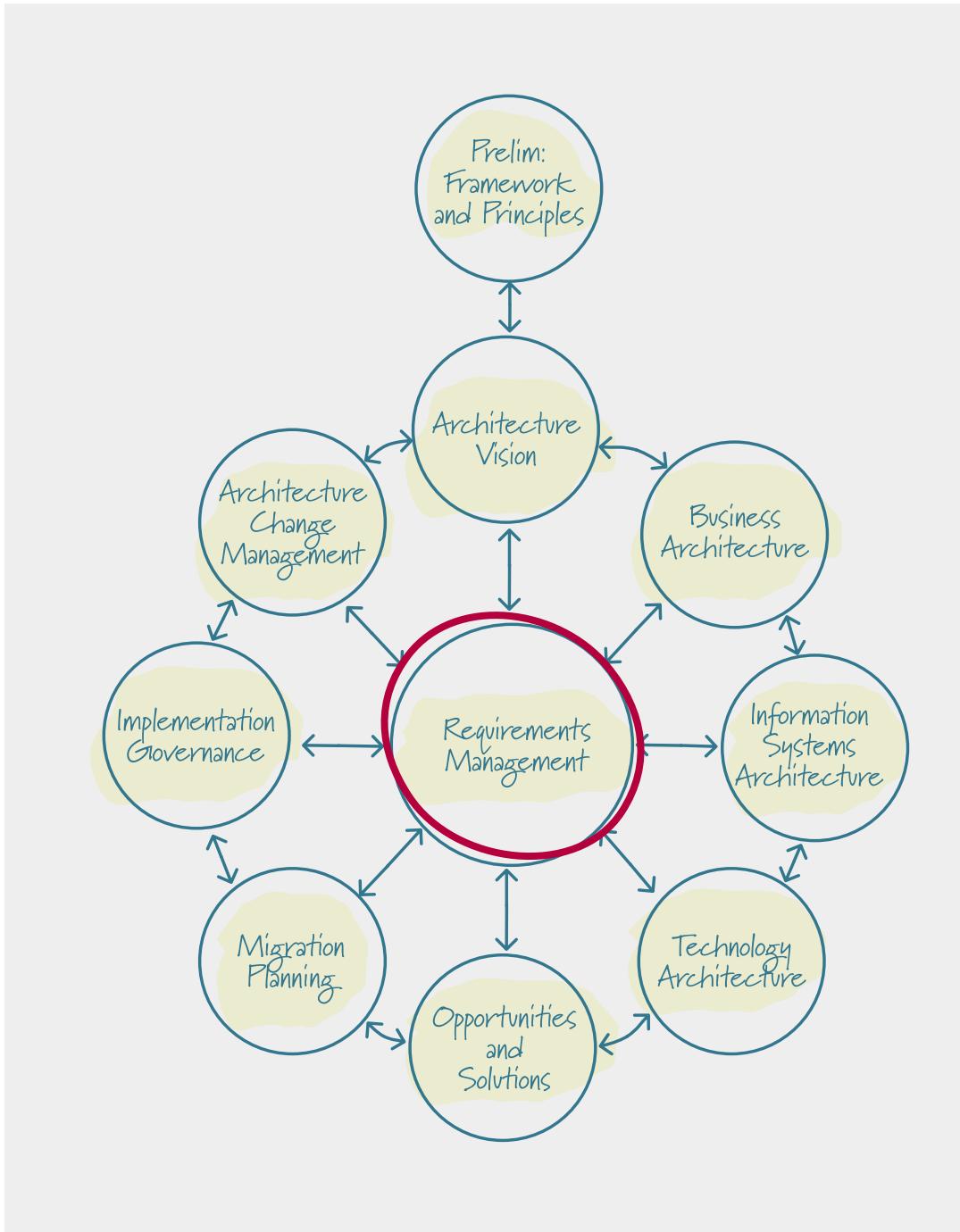
Reevaluate business goals and enterprise performance

Develop change requirements

## Outcomes

Updated architecture framework, in particular principles and patterns

# All Steps: Requirements Management



## Objectives

Establish and maintain requirements management process  
Provide tooling

## Activities

Establish baseline requirements  
Identify changed requirements  
Assess impact  
Update repository

## Outcomes

Updated requirements

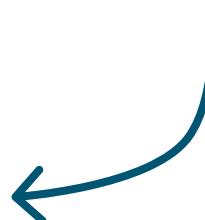
# Oliver Grasl

## Managing Director

Oliver Grasl co-founded transentis in 1997 and has been managing partner ever since.

After reading mathematics and theoretical physics at Cambridge University and the University of Innsbruck, and a brief foray into software development, he later specialized in business engineering at the University of St. Gallen (Executive MBA, Dr. oec.).

Oliver's personal mission is to help enterprises transform: explore their current situation, re-design their business model, organisation and IT-landscape and master the complexity of the actual transformation.



[oliver.grasl@transentis.com](mailto:oliver.grasl@transentis.com)  
+49 173 6546727  
+49 30 800937050

**We transform enterprises.**  
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We help our clients to explore, re-design and transform entire business ecosystems, using our expertise in transformation management, enterprise architecture and enterprise analytics.

transentis consulting  
GmbH & Co. KG  
Geisbergerstraße 9  
D-10177 Berlin  
[www.transentis.com](http://www.transentis.com)  
+49 30 9203833320