

# TOGAF®

*Version 9.1 Enterprise Edition*

## ***TOGAF® Standard Courseware Version 9.1 Edition***

**A modular instructor-led training course for:**

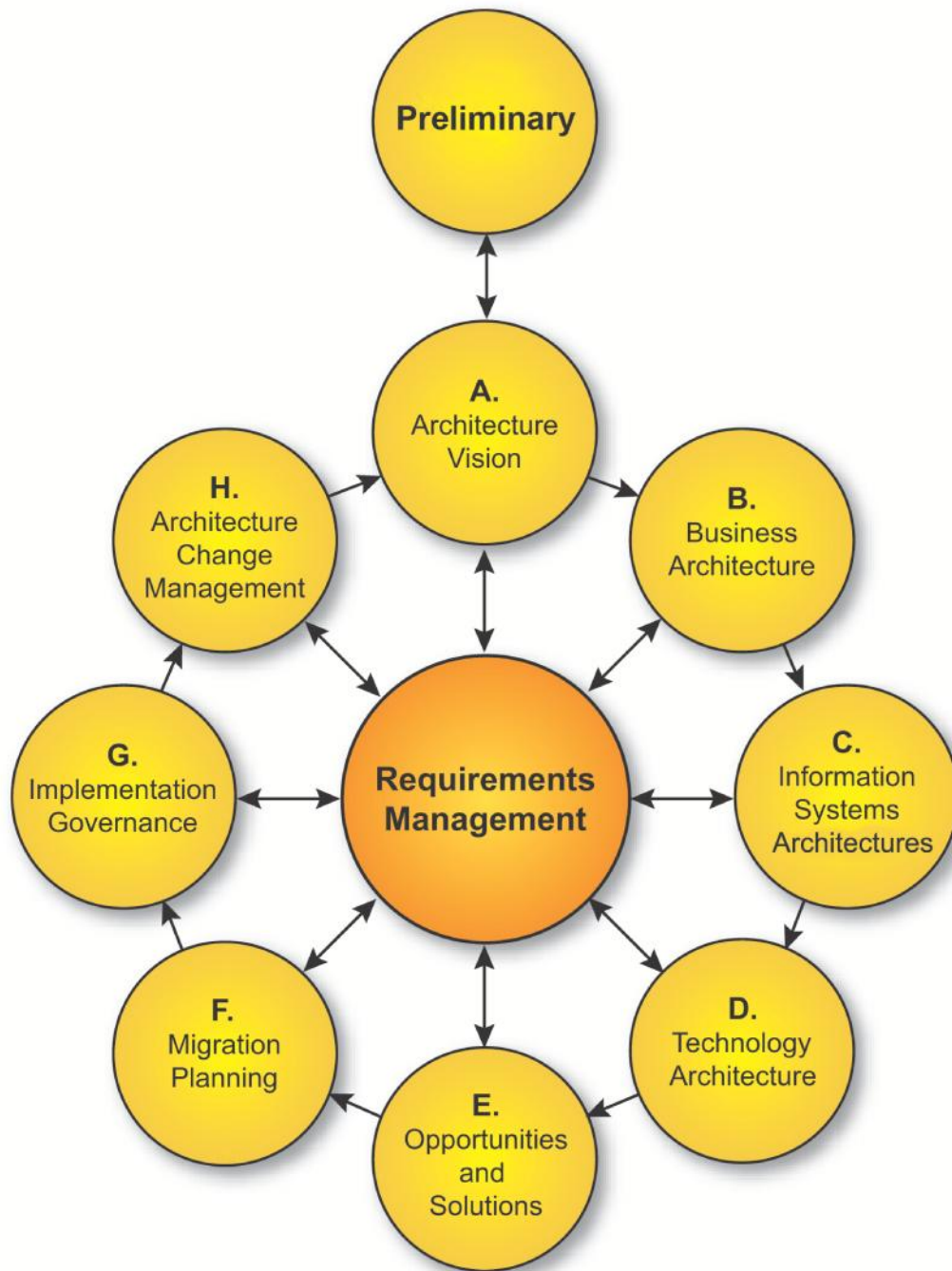
- **TOGAF 9 Foundation**
- **TOGAF 9 Certified**
- **TOGAF 9 Foundation to TOGAF 9 Certified Upgrade**
- **TOGAF 9 Certified *Bridge for TOGAF 8 Certified***

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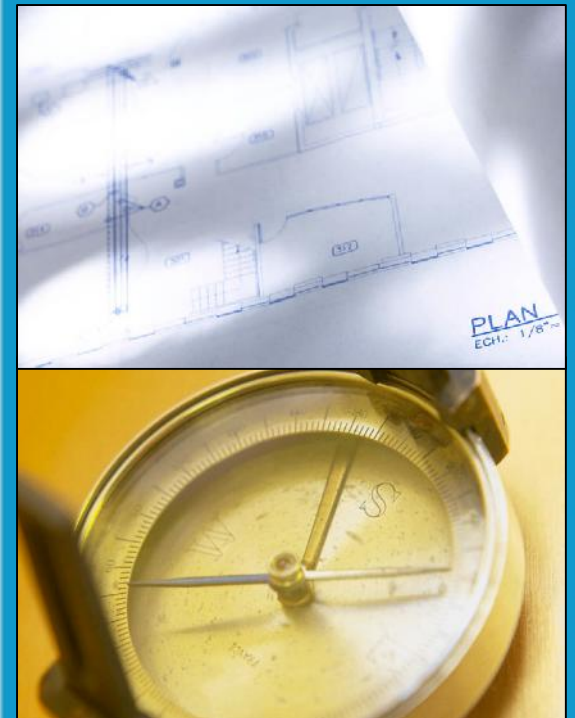
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# Introduction



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# TOGAF®

# About this Course

- **This is a modular course**
- **It can be assembled into many configurations**
- **It can be further customized**
- **It is expected to be tailored to the audience**



# Conventions Used in this Presentation

- **Ellipsis (...)**  
used to indicate a **continuation**; such as an **incomplete list** of example items ...or a **continuation** from **preceding text**
- **Bold**
  - used **for emphasis!**
  - used to highlight a **subheading**
- = **Slide Contains Level 1 Learning Outcome**
- ▲ = **Slide Contains Level 2 Learning Outcome**
- ◆ = **Optional material – non examinable**



# About this Course

- This modular course can be given in a number of configurations:
  - TOGAF 9 Foundation training
  - TOGAF 9 Certified training
  - TOGAF 9 Foundation to Certified Upgrade training
  - TOGAF 8 Certified to TOGAF 9 Certified Upgrade training (via the *bridging* option training)



# TOGAF 9 Certification Levels

Level	Tag	Purpose
1	<i>TOGAF 9 Foundation</i>	To provide validation that the candidate has gained knowledge of the terminology and basic concepts of TOGAF 9 and understands the core principles of Enterprise Architecture and TOGAF
2	<i>TOGAF 9 Certified</i>	To provide validation that in addition to knowledge and comprehension, the candidate is able to analyze and apply knowledge of TOGAF



# TOGAF 9 Foundation Training

- The target audience for TOGAF 9 Foundation (Level 1) training includes but is not limited to:
  - Individuals who require a basic understanding of TOGAF 9
  - Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery and operation;
  - Architects who are looking for a first introduction to TOGAF 9
  - Architects who want to achieve Level 2 certification in a stepwise approach.



# TOGAF 9 Certified Training

- The target audience for TOGAF 9 Certified (Level 2) training includes but is not limited to:
  - Individuals who require a deeper understanding of TOGAF 9
  - Professionals who are working in an organization where TOGAF 9 has been adopted and who need to participate in architecture projects and initiatives
  - Architects who will be responsible for developing architecture artifacts
  - Architects who wish to introduce TOGAF 9 into an architecture practice
  - Architects who want to achieve a recognized qualification to demonstrate their detailed knowledge of TOGAF 9

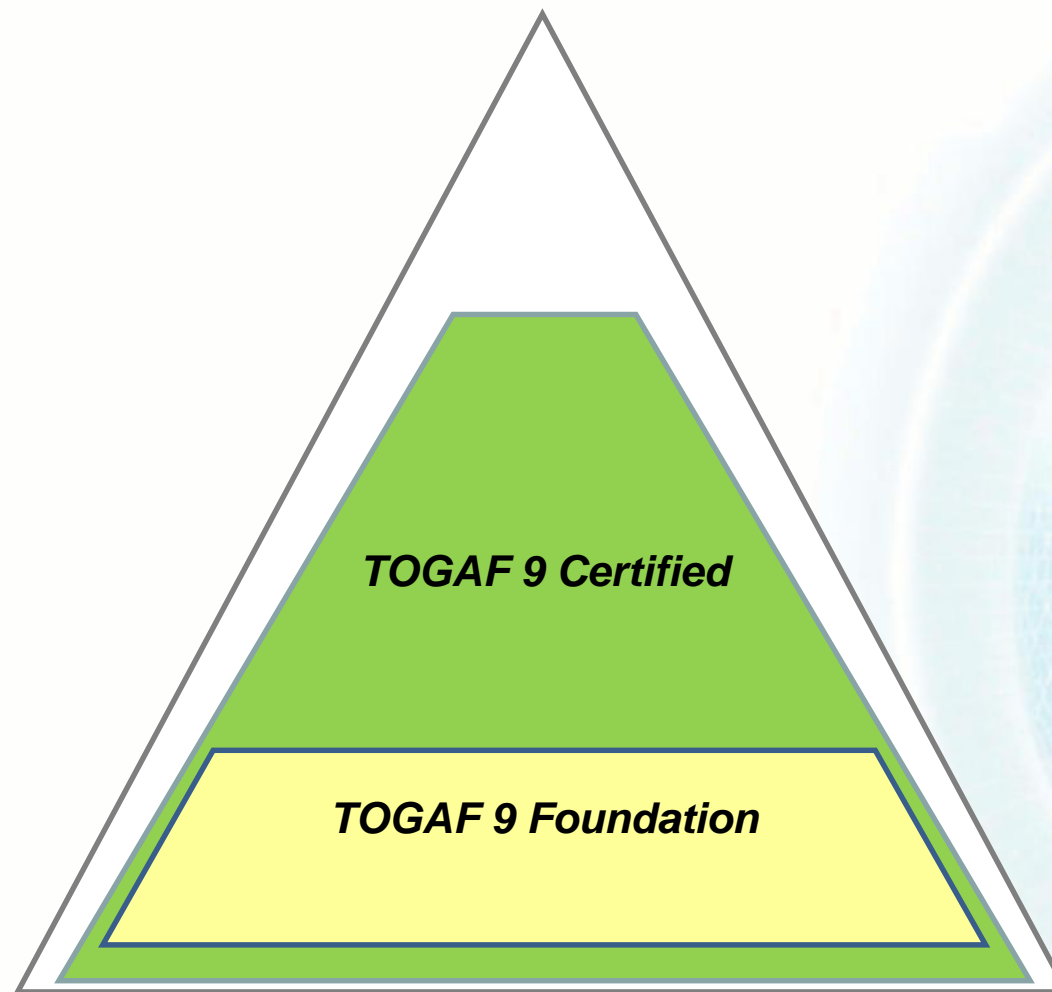




# TOGAF 9 Certified (*Bridging option*) Training

- A prerequisite is past certification to TOGAF 8 Certified
- The target audience for TOGAF 9 Certified via the *Bridging Option* training includes :
  - The same audience as per TOGAF 9 Certified, with the addition of those wishing to upgrade their Certification





*Level 2 is a superset of Level 1*



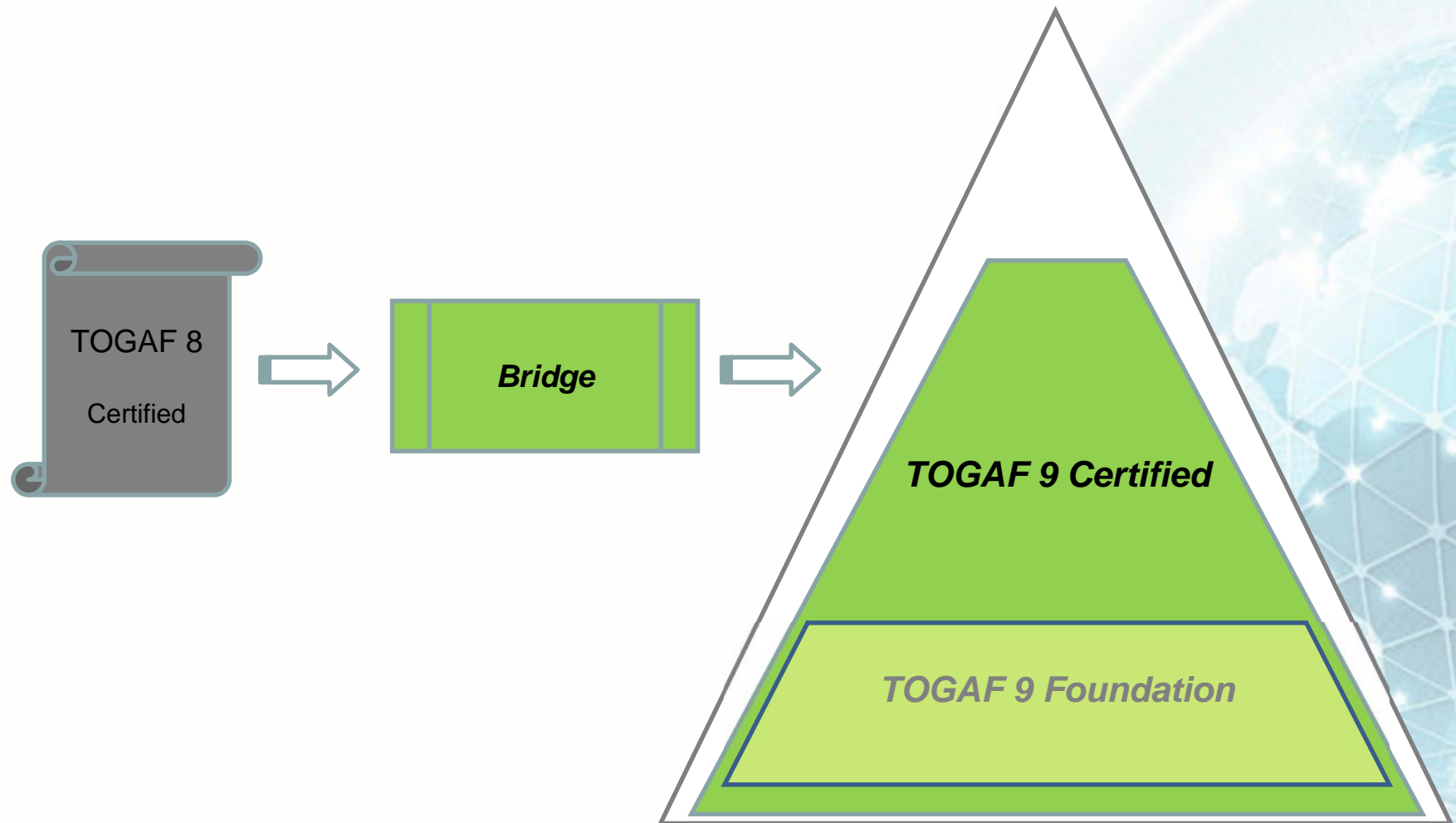
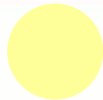
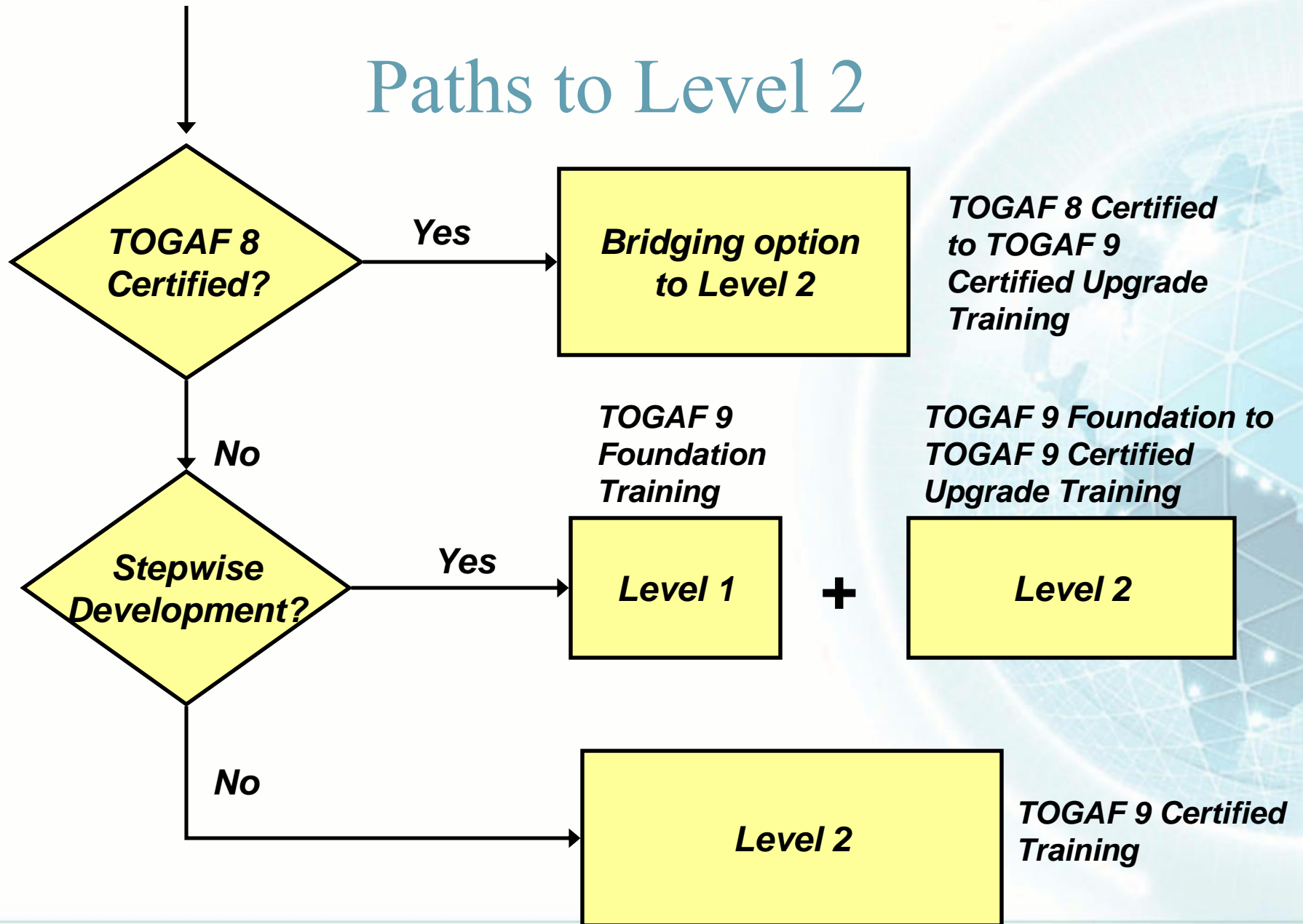


Fig. Bridging TOGAF 8 to TOGAF 9



## Paths to Level 2





# About this Course

## Prerequisite knowledge:

- A prior knowledge of Enterprise Architecture is advantageous but not required
- During the course students will become familiar with the *TOGAF Version 9.1* body of knowledge at:  
<http://www.opengroup.org/architecture/togaf9-doc/arch/>

**Note: Certification is separate to training and achieved by passing an examination**



# Course Objectives

- To instruct students in the basic concepts of enterprise architecture and TOGAF 9.
- To familiarize students with the features of TOGAF and its methodology.
- To enable students to take best advantage of how to use TOGAF in their work.
- To gain an understanding of the necessary body of knowledge to achieve certification by examination for TOGAF 9 at Level 1 (TOGAF 9 Foundation) or Level 2 (TOGAF 9 Certified).

# Course Objectives

- **TOGAF 9 Foundation training**
  - Individuals who require a basic understanding of TOGAF 9
  - Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery and operation;
  - Architects who are looking for a first introduction to TOGAF 9
  - Architects who want to achieve Level 2 certification in a stepwise approach.
- **TOGAF 9 Certified training**
  - Individuals who require a deeper understanding of TOGAF 9
  - Professionals who are working in an organization where TOGAF 9 has been adopted and who need to participate in architecture projects and initiatives
  - Architects who will be responsible for developing architecture artifacts
  - Architects who wish to introduce TOGAF 9 into an architecture practice
  - Architects who want to achieve a recognized qualification to demonstrate their detailed knowledge of TOGAF 9



# TOGAF 9 Foundation Training

## *Recommended Modules \**

\* See Checklist for requirements for Accreditation



# TOGAF 9 Foundation

## Course Content

- Course Introduction
- Management Overview
- The TOGAF 9 Components
- An Introduction to the Architecture Development Method
- The Enterprise Continuum
- The Architecture Repository
- Architecture Governance
- Architecture Views and Viewpoints
- Building Blocks and the ADM
- The ADM Phases
- ADM Guidelines and Techniques
- Key ADM Deliverables
- TOGAF Reference Models
- TOGAF Certification Program

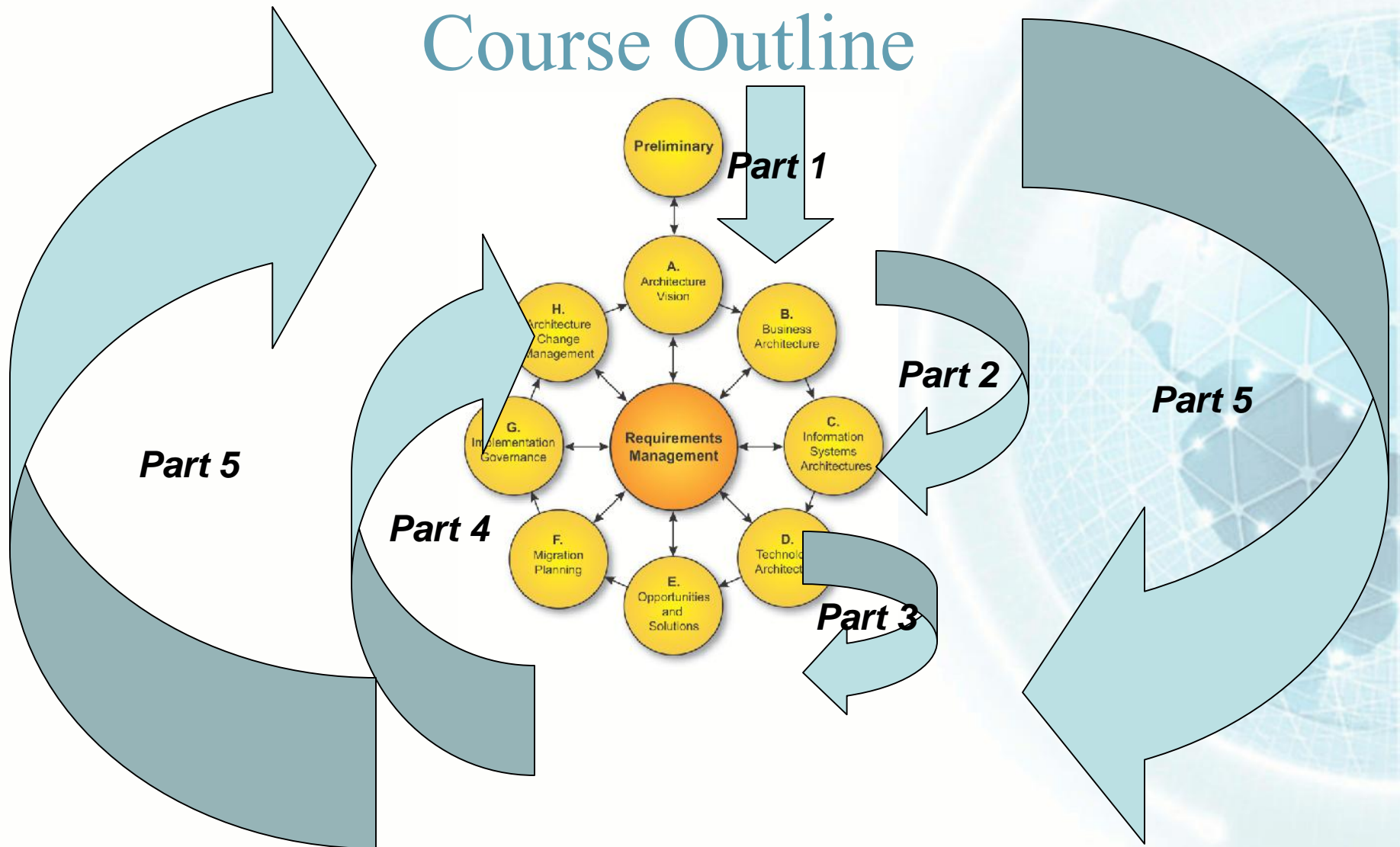


# TOGAF 9 Certified Training *Recommended Modules* \*

\* See Checklist for requirements for Accreditation

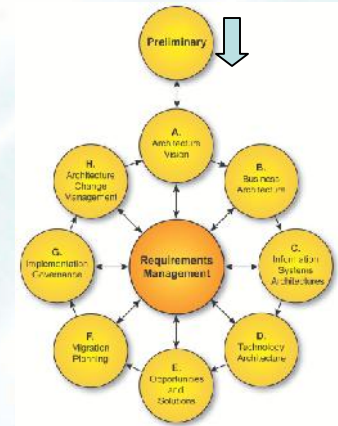
# TOGAF 9 Certified Training

## Course Outline



# TOGAF 9 Certified

## Course Content – Part 1



- Course Introduction
- Management Overview
- The TOGAF 9 Components
- An Introduction to the Architecture Development Method
- The Enterprise Continuum
- The Architecture Repository
- The Architecture Content Framework
- The Architecture Content Metamodel
- The Preliminary Phase
- Architecture Governance

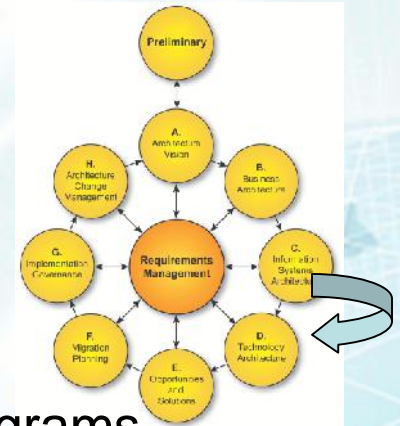


# Course Content – Part 2



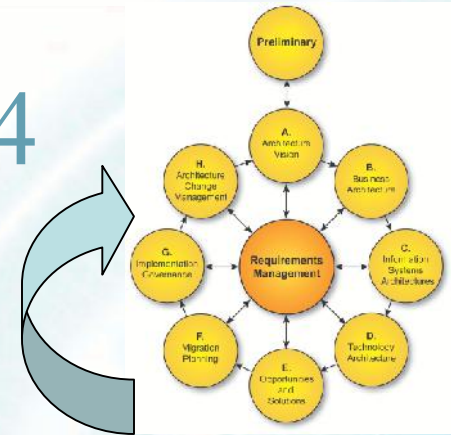
- Business Scenarios
- Stakeholder Management
- Architecture Views and Viewpoints
- Building Blocks and the ADM
- Architecture Implementation Support Techniques
- Phase A: Architecture Vision
- Phase B: Business Architecture
- Phase B: Business Architecture – Catalogs, Diagrams and Matrices
- Phase C: Information Systems Architectures

# Course Content – Part 3



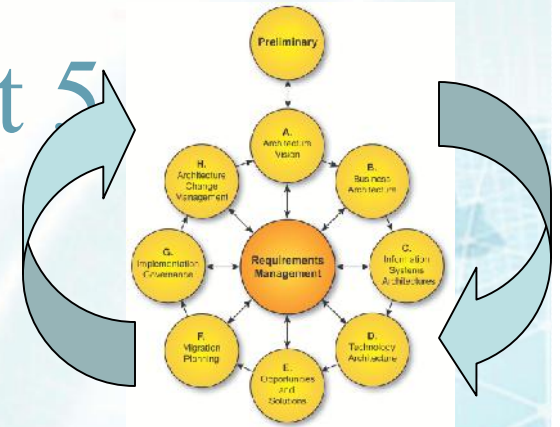
- Phase C: Data Architecture
- Phase C: Data Architecture – Catalogs, Matrices and Diagrams
- The Integrated Information Infrastructure Reference Model
- Phase C: Applications Architecture
- Phase C: Applications Architecture – Catalogs, Matrices and Diagrams
- Foundation Architecture
- Phase D: Technology Architecture
- Phase D: Technology Architecture – Catalogs, Matrices and Diagrams

# Course Content – Part 4




- Migration Planning Techniques
- Phase E: Opportunities and Solutions
- Phase F: Migration Planning
- Phase G: Implementation Governance
- Phase H: Architecture Change Management
- ADM Requirements Management

# Course Content – Part 5



- Architecture Partitioning
- Guidelines for Adapting the ADM: Iteration and Levels
- Guidelines for Adapting the ADM: Security
- Guidelines for Adapting the ADM: SOA
- Architecture Maturity Models
- Architecture Skills Framework





# TOGAF 9 Foundation to TOGAF 9 Certified Upgrade Training *Recommended Modules*

# TOGAF 9 Foundation to TOGAF 9 Certified Upgrade

- Course Introduction
- The Architecture Repository
- The Architecture Content Framework
- The Architecture Content Metamodel
- The Preliminary Phase
- Business Scenarios
- Stakeholder Management
- Architecture Implementation Support Techniques
- Phase A: Architecture Vision
- Phase B: Business Architecture
- Phase B: Business Architecture – Catalogs, Diagrams and Matrices
- Phase C: Information Systems Architectures
- Phase C: Data Architecture
- Phase C: Data Architecture – Catalogs, Matrices and Diagrams

# TOGAF 9 Foundation to TOGAF 9 Certified Upgrade (Cont'd)

- The Integrated Information Infrastructure Reference Model
- Phase C: Applications Architecture
- Phase C: Applications Architecture – Catalogs, Matrices and Diagrams
- Foundation Architecture
- Phase D: Technology Architecture
- Phase D: Technology Architecture – Catalogs, Matrices and Diagrams
- Migration Planning Techniques
- Phase E: Opportunities and Solutions
- Phase F: Migration Planning
- Phase G: Implementation Governance
- Phase H: Architecture Change Management
- ADM Requirements Management

# TOGAF 9 Foundation to TOGAF 9 Certified Upgrade (Cont'd)

- Architecture Partitioning
- Guidelines for Adapting the ADM: Iteration and Levels
- Guidelines for Adapting the ADM: Security
- Guidelines for Adapting the ADM: SOA
- Architecture Maturity Models
- Architecture Skills Framework



# TOGAF 8 Certified to TOGAF 9 Certified Upgrade Training *Recommended Modules*



# TOGAF 8 Certified to TOGAF 9 Certified Upgrade

- Course Introduction
- An Introduction to TOGAF 9 for those familiar with TOGAF 8
- TOGAF 8 to 9 Migration
- ADM Migration Overview
- The Architecture Repository
- The Architecture Content Framework
- The Architecture Content Metamodel
- Stakeholder Management
- Architecture Implementation Support Techniques
- Phase B: Business Architecture – Catalogs, Diagrams and Matrices
- Phase C: Data Architecture – Catalogs, Matrices and Diagrams
- Phase C: Applications Architecture – Catalogs, Matrices and Diagrams
- Phase D: Technology Architecture – Catalogs, Matrices and Diagrams
- The Integrated Information Infrastructure Reference Model

# TOGAF 8 Certified to TOGAF 9 Certified Upgrade (Cont'd)

- Migration Planning Techniques
- Phase E: Opportunities and Solutions
- Phase F: Migration Planning
- Architecture Partitioning
- Guidelines for Adapting the ADM: Iteration and Levels
- Guidelines for Adapting the ADM: Security
- Guidelines for Adapting the ADM: SOA
- Architecture Maturity Models
- Architecture Skills Framework

# Conventions Used in this Presentation

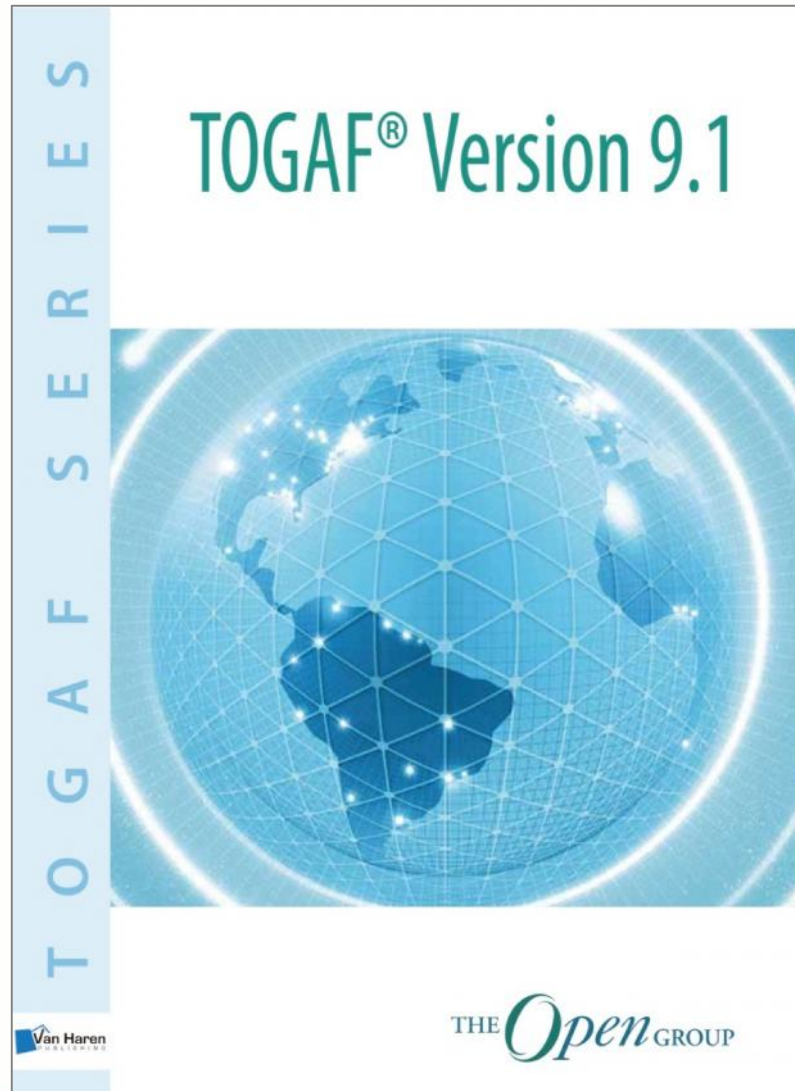
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# Recommended Reading





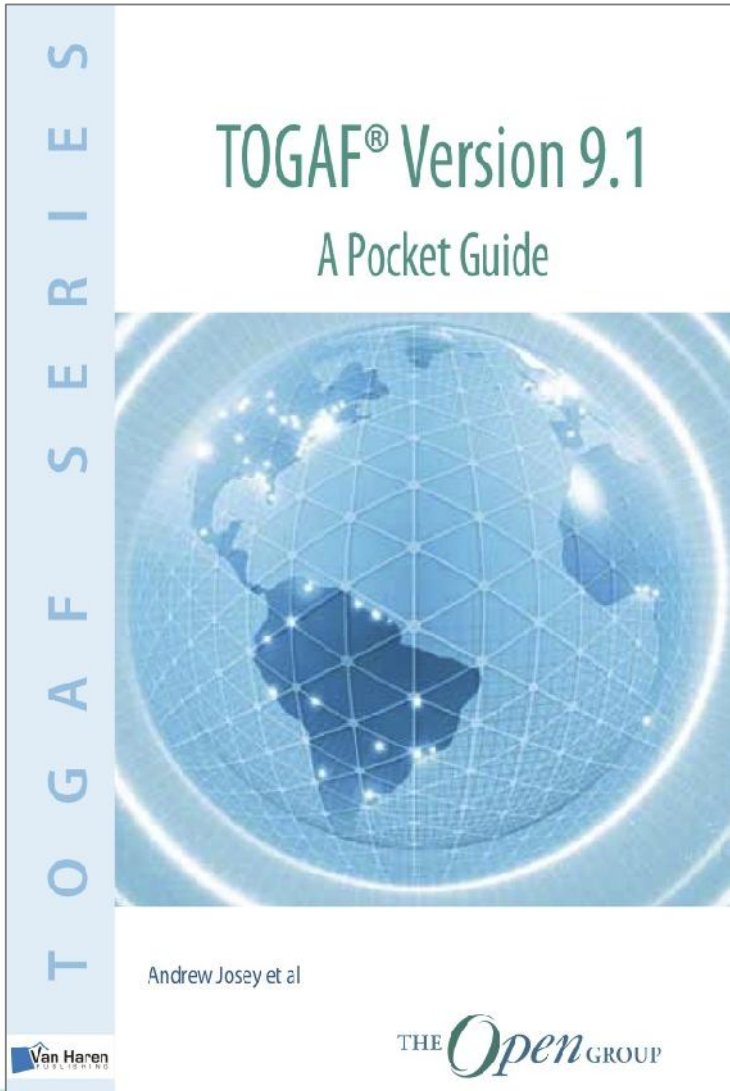
# TOGAF Version 9.1



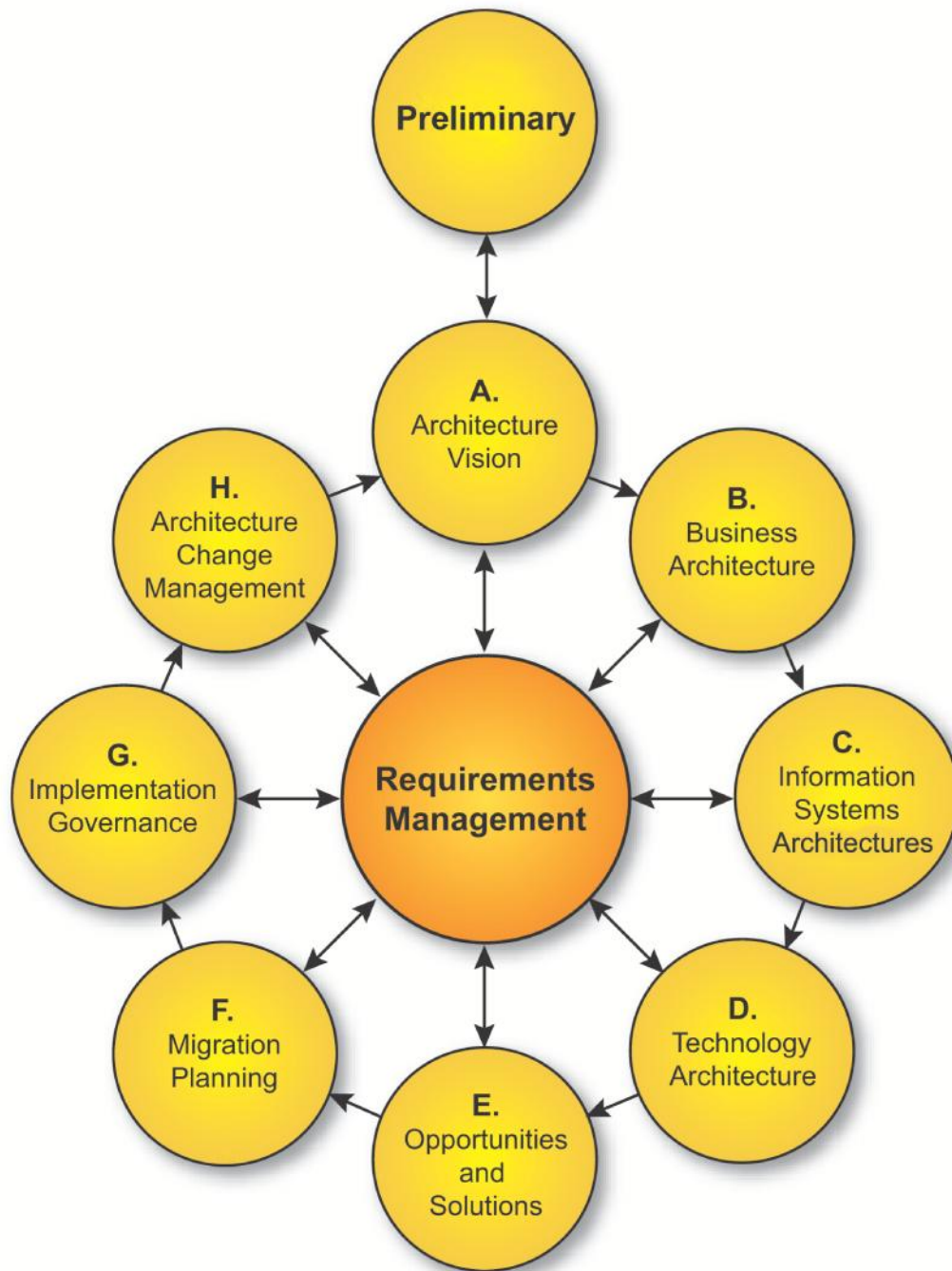
- TOGAF Version 9.1, “The Book”
  - Document No. G116
  - [www.opengroup.org](http://www.opengroup.org)
  - [www.vanharen.net](http://www.vanharen.net)



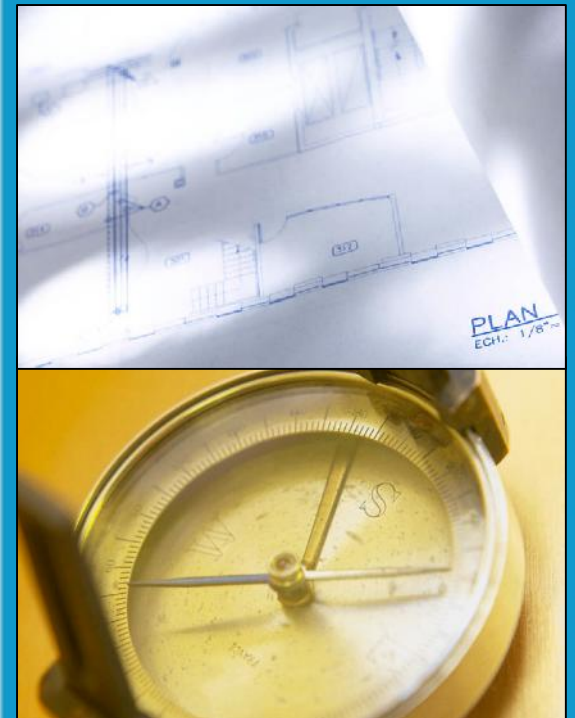
# TOGAF Version 9.1 Pocket Guide



- TOGAF Version 9.1, The Pocket Guide
  - Document No. G117
  - [www.opengroup.org](http://www.opengroup.org)
  - [www.vanharen.net](http://www.vanharen.net)



# Introduction



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