## **TOGAF®** Poster Series #24

### Requirements Management



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In this poster we look at Requirements Management, which is quite literally at the heart of the Architecture Development Method (ADM).



#### **OBJECTIVES**

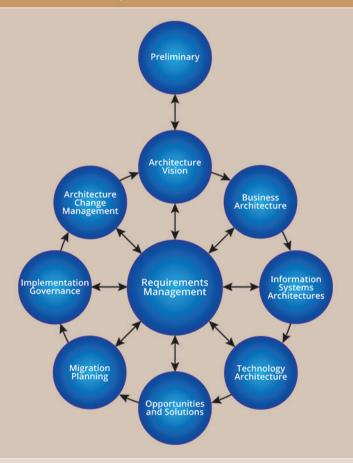
- o To ensure effective Requirements Management for all relevant ADM phases
- To manage architecture requirements from any execution or phase of the ADM
- o To ensure that relevant architecture requirements are available for each ADM phase



The first high-level requirements are articulated as part of the Architecture Vision, for example generated by business scenarios



- Architecture, by nature, deals with uncertainty & change
- Requirements are therefore dynamic, not static
- Dealing with changing requirements is crucial





- A Requirements Management is merely the process for managing requirements throughout the ADM
- Requirements are addressed, prioritized or disposed of in the relevant phases of the ADM



- A Requirements Repository records
   & manages all requirements
- And holds information from multiple ADM cycles

#### EACH PHASE OF THE ADM MUST:

- Select the approved requirements for that phase as held in the Requirements Repository and Architecture Requirements Specification
- Update the status of all requirements on completion of the phase
- Ocument new requirements :
  - \* In the Architecture Requirements Specification when they are in scope of the current Statement of Architecture Work
  - \* In the Requirements Repository when they are not in scope, for management through the Requirements Management process

# REQUIREMENTS MANAGEMENT STEPS

REQUIREMENTS MANAGEMENT INPUTS & OUTPUTS MIRROR THOSE OF EACH ADM PHASE

\* A = ADM Phase \* R = Requirement

1 A Identify & document requirements

2 R Baseline requirements

3 R Monitor baseline requirements

4 A Identify changed requirements

5 R Identify changed requirements & record priorities

\* A = ADM Phase \* R = Requirement

6 A Assess impact & determine when change requirements will take place

7 A Implement requirements from Phase H

8 R Update Requirements Repository

9 A Implement change in the current phase

5 R Identify changed requirements & record priorities

10 A Assess & revise gap analysis

The "Requirements Management" circle at the center of the ADM graphic shows that the ADM is continuously driven by the requirements management process!









