

Why do architects need more than TOGAF?

- ▶ To bridge the gap between a high-level management framework for EA and solution/implementation projects
- ▶ You need something like BCS professional certificates in enterprise & solution architecture, and Avancier Methods

“The purpose of enterprise architecture is

- ▶ **to optimize across the enterprise**
- ▶ **the often fragmented legacy of processes** (both manual and automated)
- ▶ **into an integrated environment...**”

“TOGAF is intended to be a framework for

- ▶ “conducting enterprise architecture.”

- ▶ **“managing the spectrum of change required to transform an enterprise towards a target operating model”**
- ▶ [defined by] the necessary level of
- ▶ **business process integration and**
- ▶ **business process standardization.”**

“Operating model” for core business processes

| | | |
|---------------------|----------------------|------------|
| High integration | Coordinated | Unified |
| Low integration | Diversified | Replicated |
| Low standardisation | High standardisation | |

Ad hoc use of TOGAF is fine

- ▶ Elements of TOGAF are in used
 - ▶ solution architecture
 - ▶ business analysis
 - ▶ even technical architecture.
- ▶ But a method written for cross-organisational and strategic EA cannot provide everything a solution architect wants.



TOGAF is a *management framework* for architects

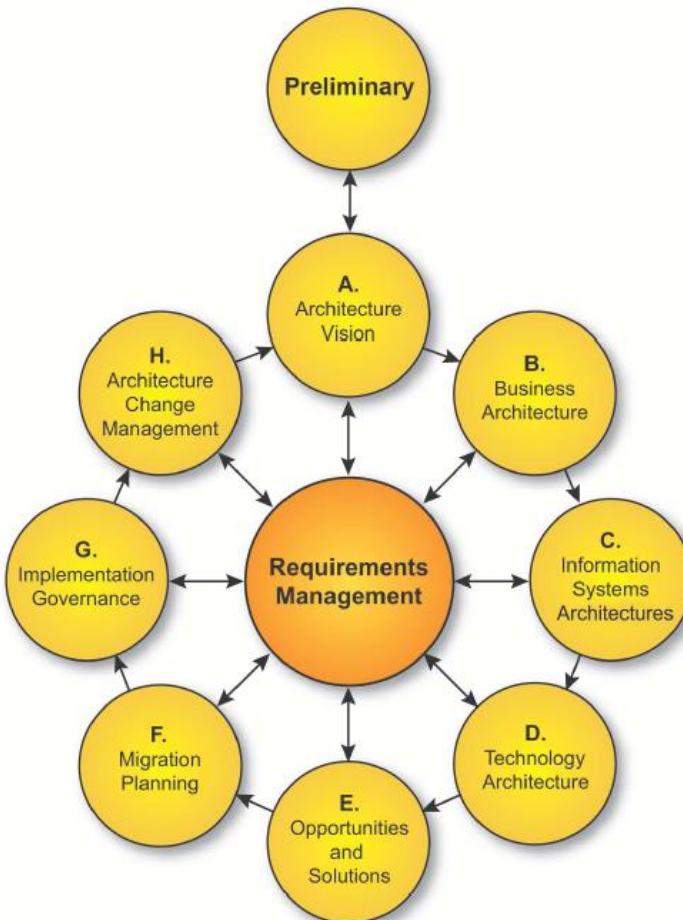
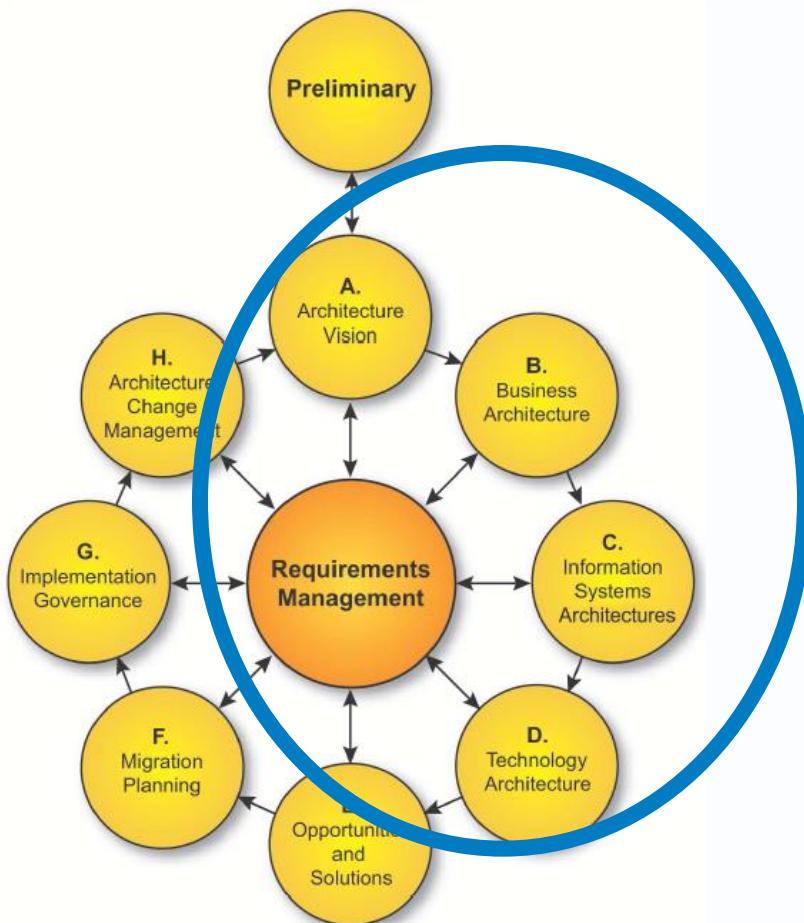


Figure 5-1 Architecture Development Cycle

- ▶ It provides an outline of architecting work
- ▶ But it assumes you mostly know how to do it already!

TOGAF is a *management framework* for architecture



- ▶ TOGAF tells you simply to
- ▶ “Develop the target architecture to extent necessary to support the Architecture Vision”
- ▶ How do you do that?

Figure 5-1 Architecture Development Cycle

TOGAF is a *management framework* for architecture

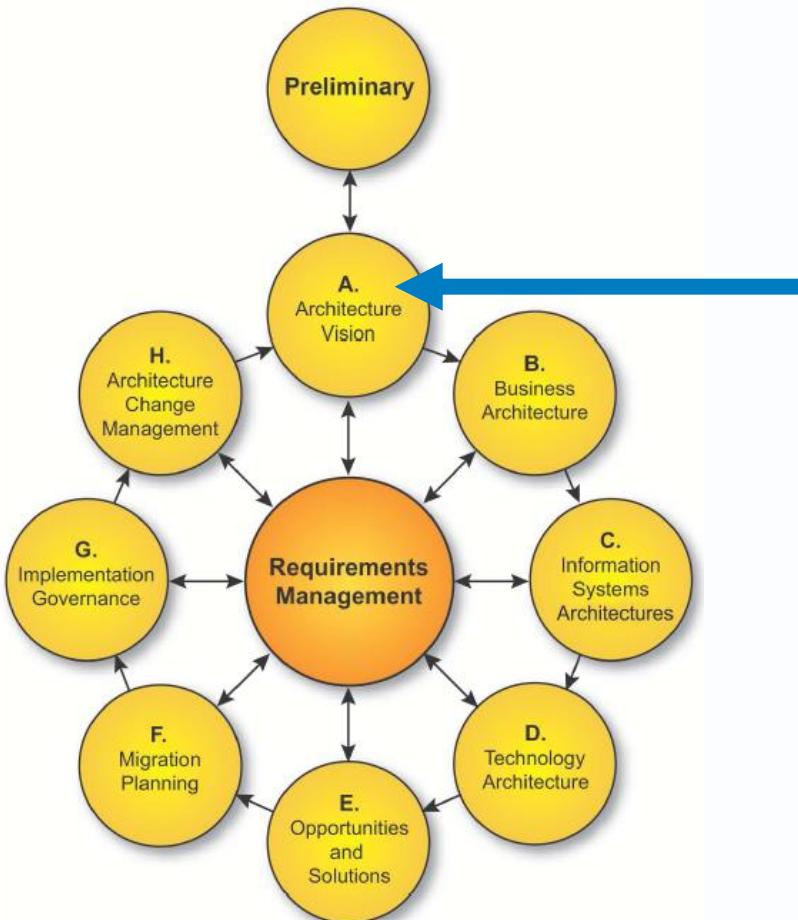


Figure 5-1 Architecture Development Cycle

- ▶ E.g. TOGAF suggests you draw a “Value Chain Diagram”
- ▶ How do you do that
- ▶ How do you use it to drive architecture development?

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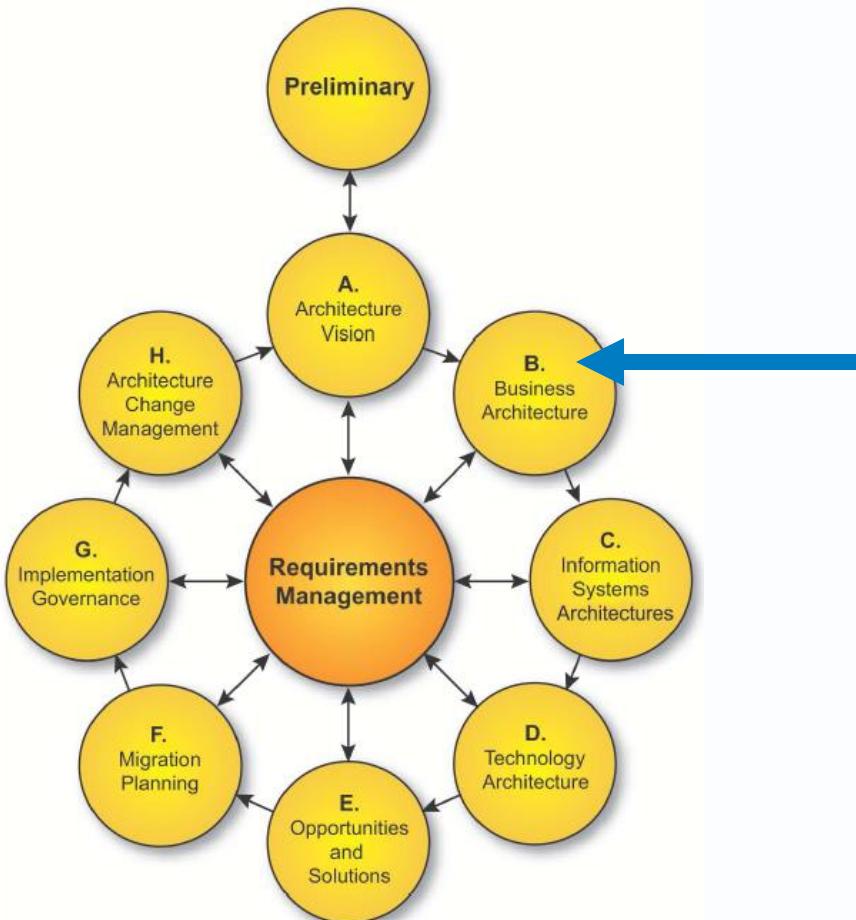
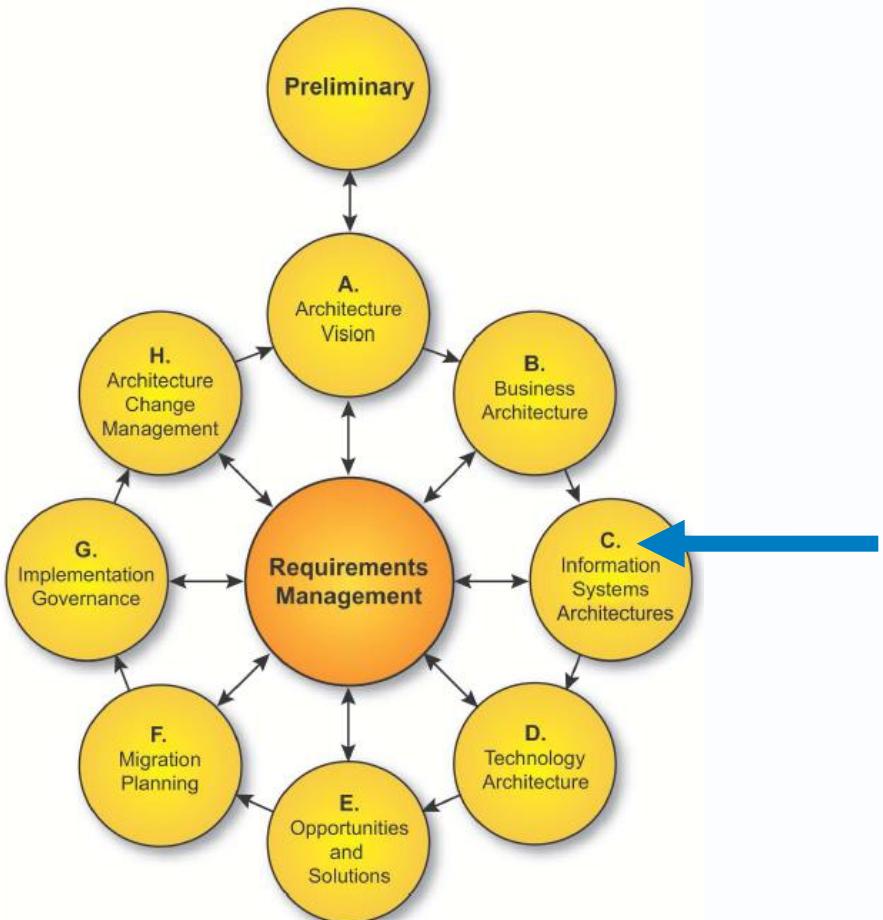


Figure 5-1 Architecture Development Cycle

- ▶ E.g. TOGAF suggests you use “Structured Analysis”
- ▶ How do you do that?
- ▶ How do you use it to document a business architecture?

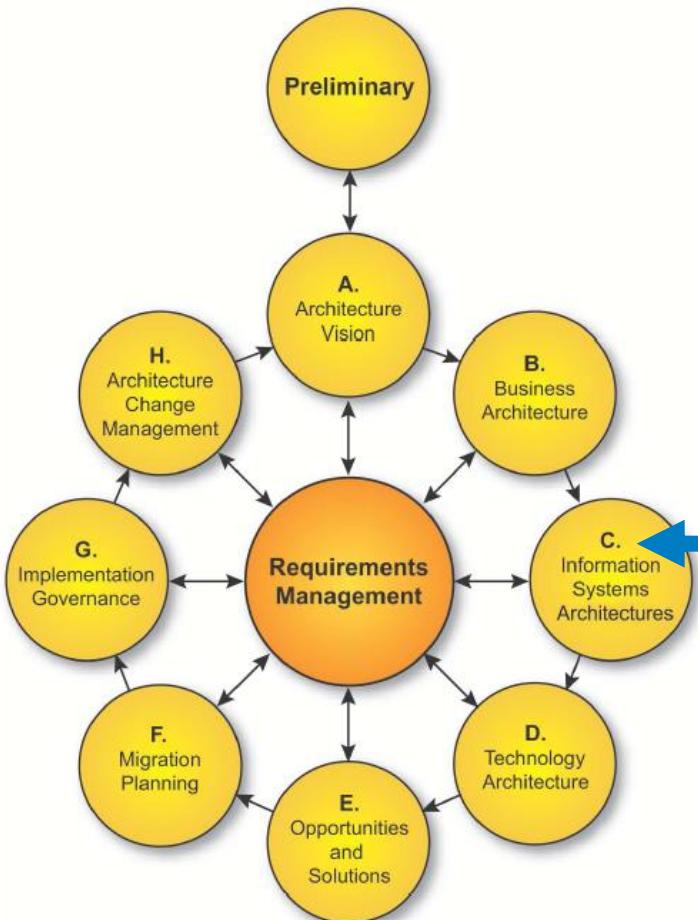
TOGAF is a *management framework* for architecture



- ▶ E.g. TOGAF suggests you draw a “Data Dissemination” view
- ▶ How do you do that?
- ▶ How do you use it to shape applications architecture?

Figure 5-1 Architecture Development Cycle

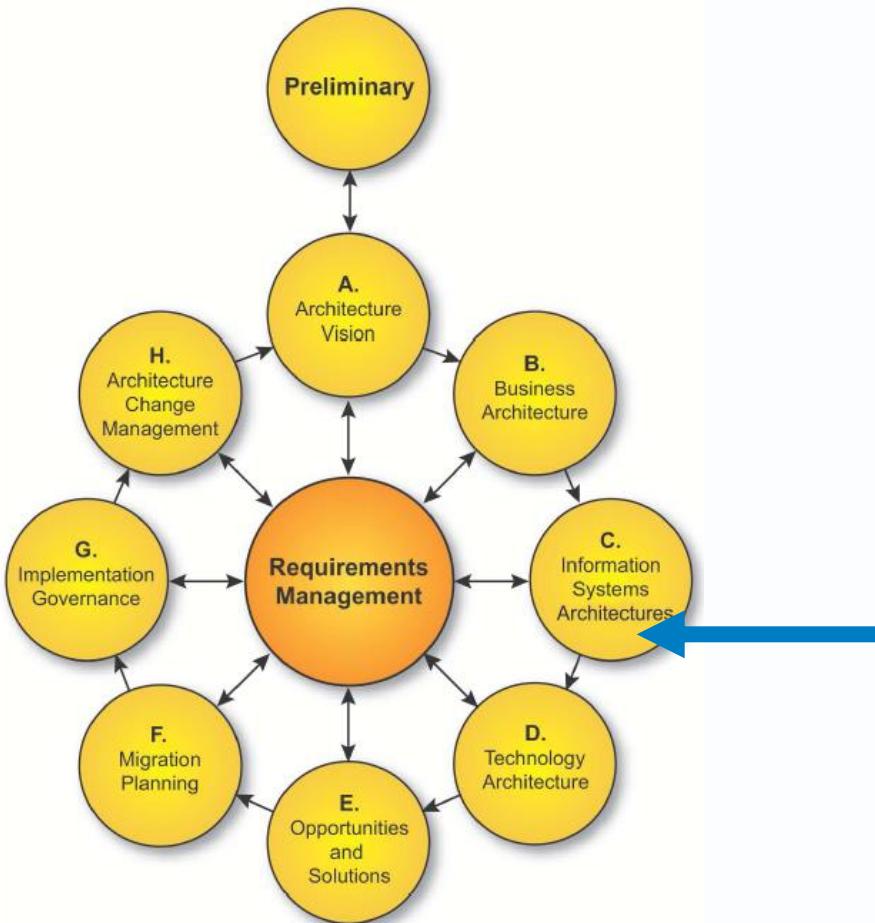
TOGAF is a *management framework* for architecture



- ▶ E.g. TOGAF suggests you might draw a “Process Application Realisation diagram”
- ▶ How do you do that?
- ▶ How do you use it to develop an applications architecture?

Figure 5-1 Architecture Development Cycle

TOGAF is a *management framework* for architecture



- ▶ E.g. TOGAF doesn't say much about Software Architecture and Application Integration patterns
- ▶ What are they?
- ▶ How do you use them to integrate applications? to maintain a single version of the truth?

Figure 5-1 Architecture Development Cycle

TOGAF is a *management framework* for architecture

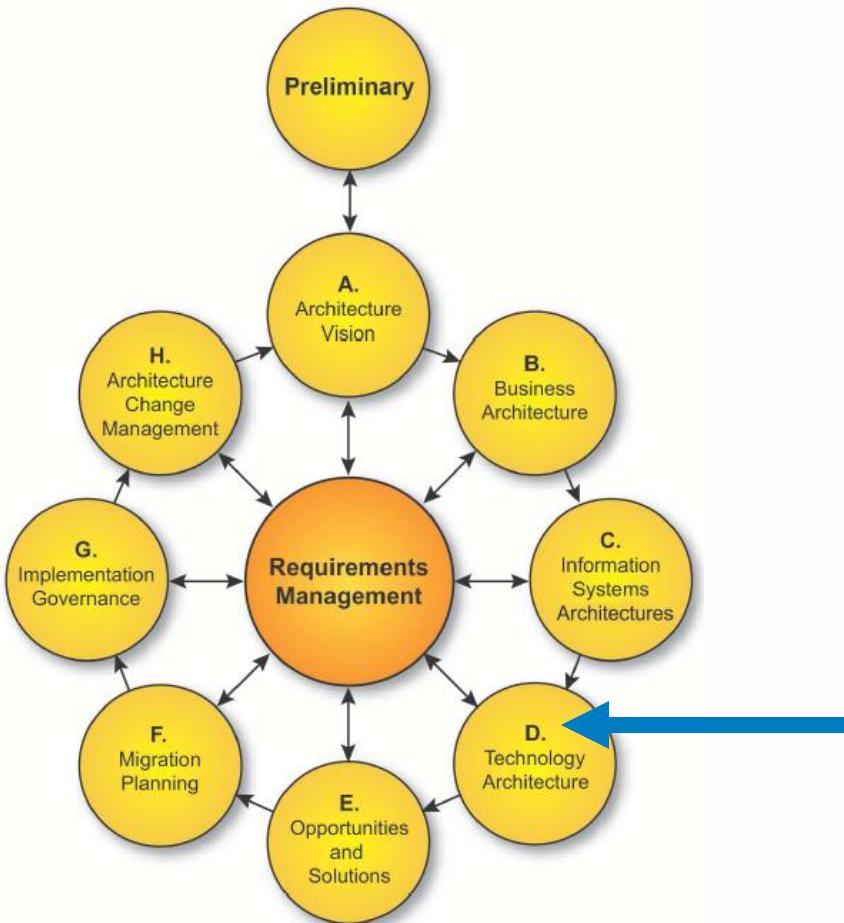


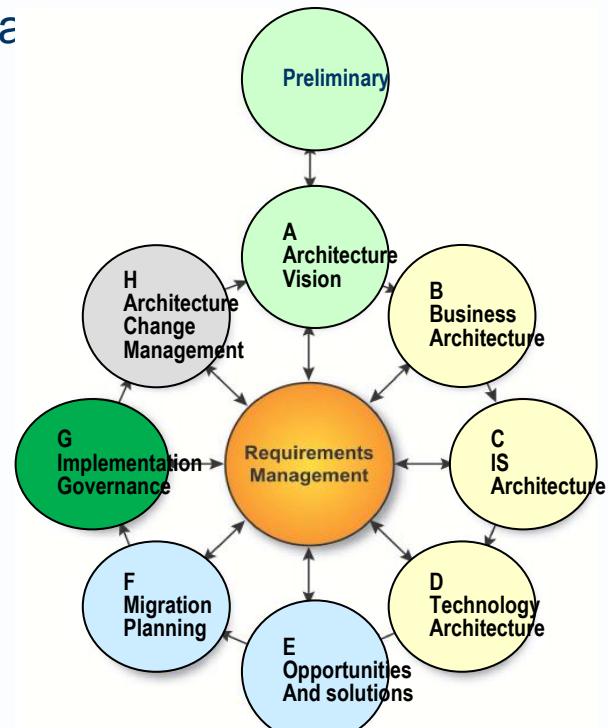
Figure 5-1 Architecture Development Cycle

- ▶ E.g. TOGAF suggests you draw several varieties of infrastructure architecture diagram
- ▶ How do you do that?
- ▶ How do you develop them incrementally from the applications architecture?
- ▶ How do you design to meet required Qualities (non-functional requirements)?

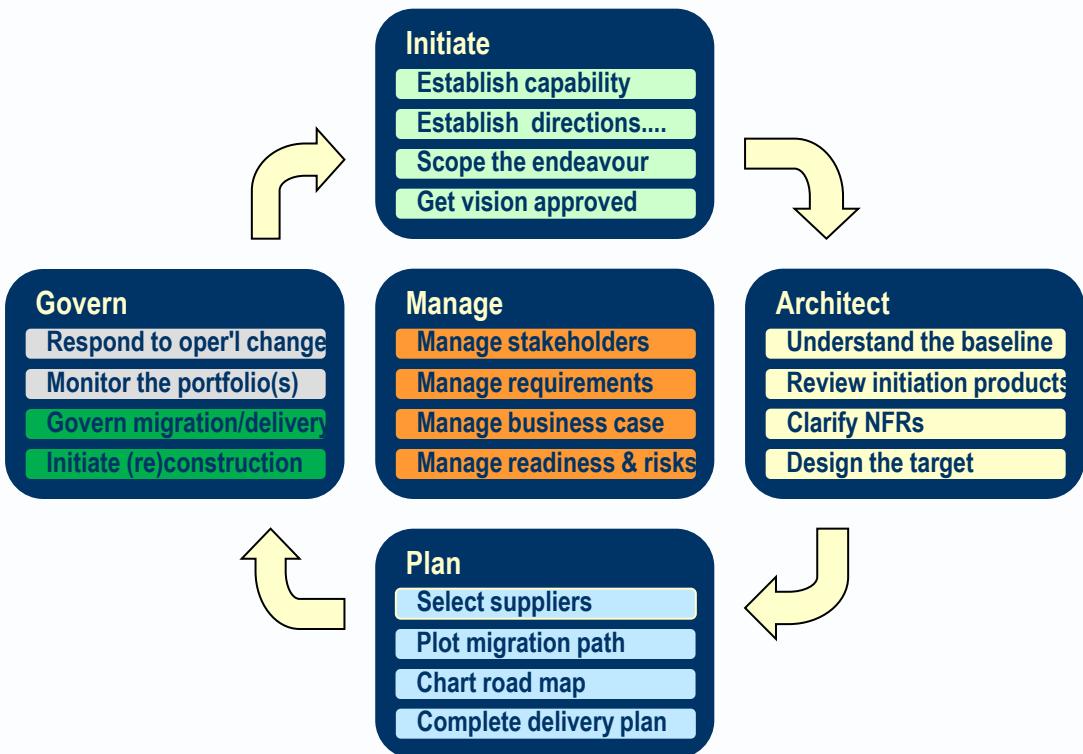
Enhancing TOGAF with Avancier Methods

TOGAF's ADM is a management framework that promotes the role of

ε



AM gives architects more specific processes and documentation artefacts



- ▶ complementary to TOGAF.
- ▶ focuses more architecture work itself – while still remaining technology independent.
- ▶ suits people working in the world of software development, systems integration and infrastructure who find TOGAF too abstract or too far removed from their day job
- ▶ helps people to better understand and appreciate what TOGAF has to offer by way of management framework
- ▶ Like TOGAF, it is assumed the people have some experience of business, data, apps or infrastructure architecture before they attend the course, it is not for beginners in IT.