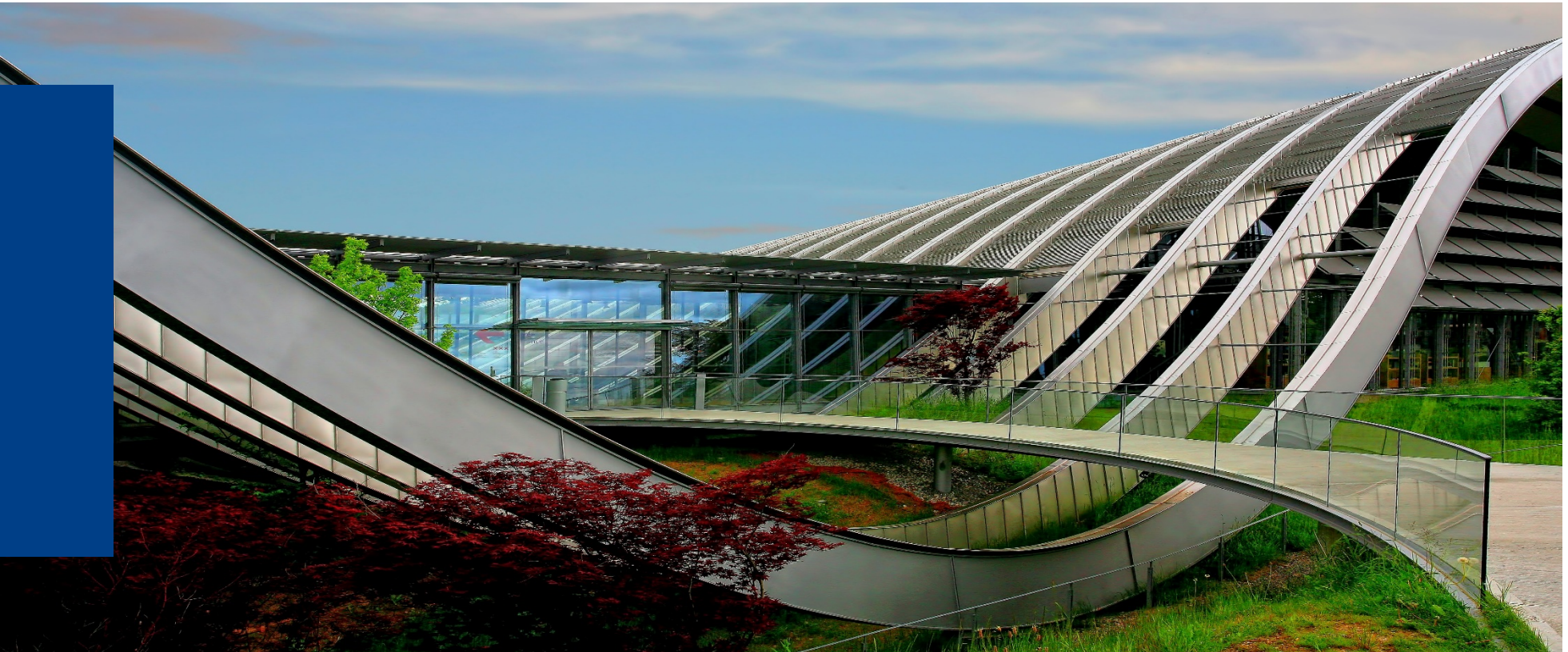


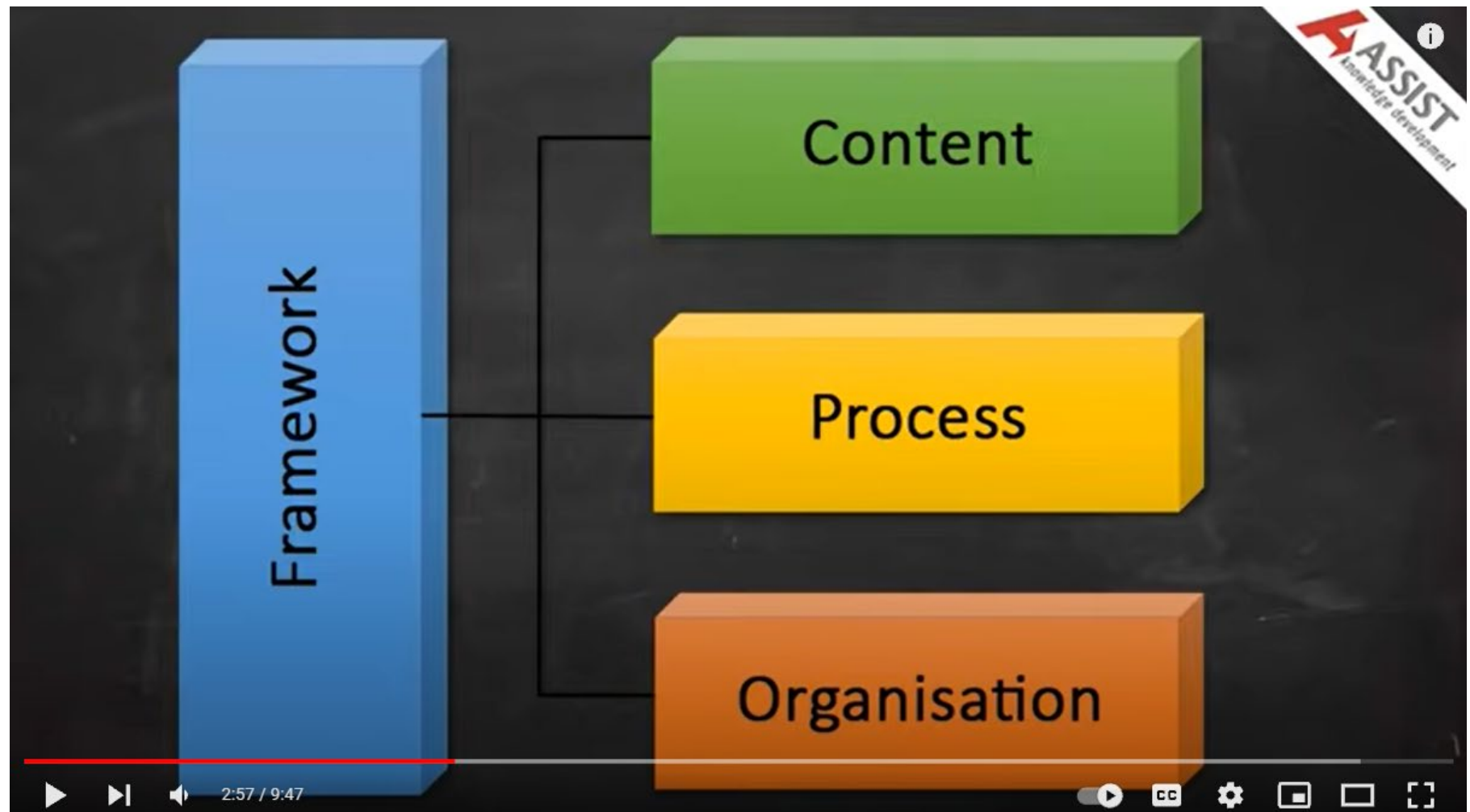
# TOGAF – *The Open Group Architecture Framework*

*Knut Hinkelmann*



# *TOGAF – The Open Group Architecture Framework*

- Developed and continuously evolved since the mid-90's by The Open Group's Architecture Forum
- At the heart of the framework are the
  - ◆ Architecture Development Method (ADM) and
  - ◆ The Content Framework
- <https://pubs.opengroup.org/architecture/togaf9-doc/arch/>



# TOGAF Architectures

The TOGAF enterprise architecture model is organised in four partial sub-architectures:

- ◆ **Business Architecture**
  - Strategies, governance, organisation and business processes of the enterprise
- ◆ **Information Systems Architecture** – consists of
  - **Data Architecture**
    - data and their relations as well as principles for the organisation and the management of resources
  - **Application Architecture**
    - information systems and their relations to business processes
- ◆ **Technology Architecture**
  - current technical realisation and future enterprise-specific standards like operating system, middleware, infrastructure

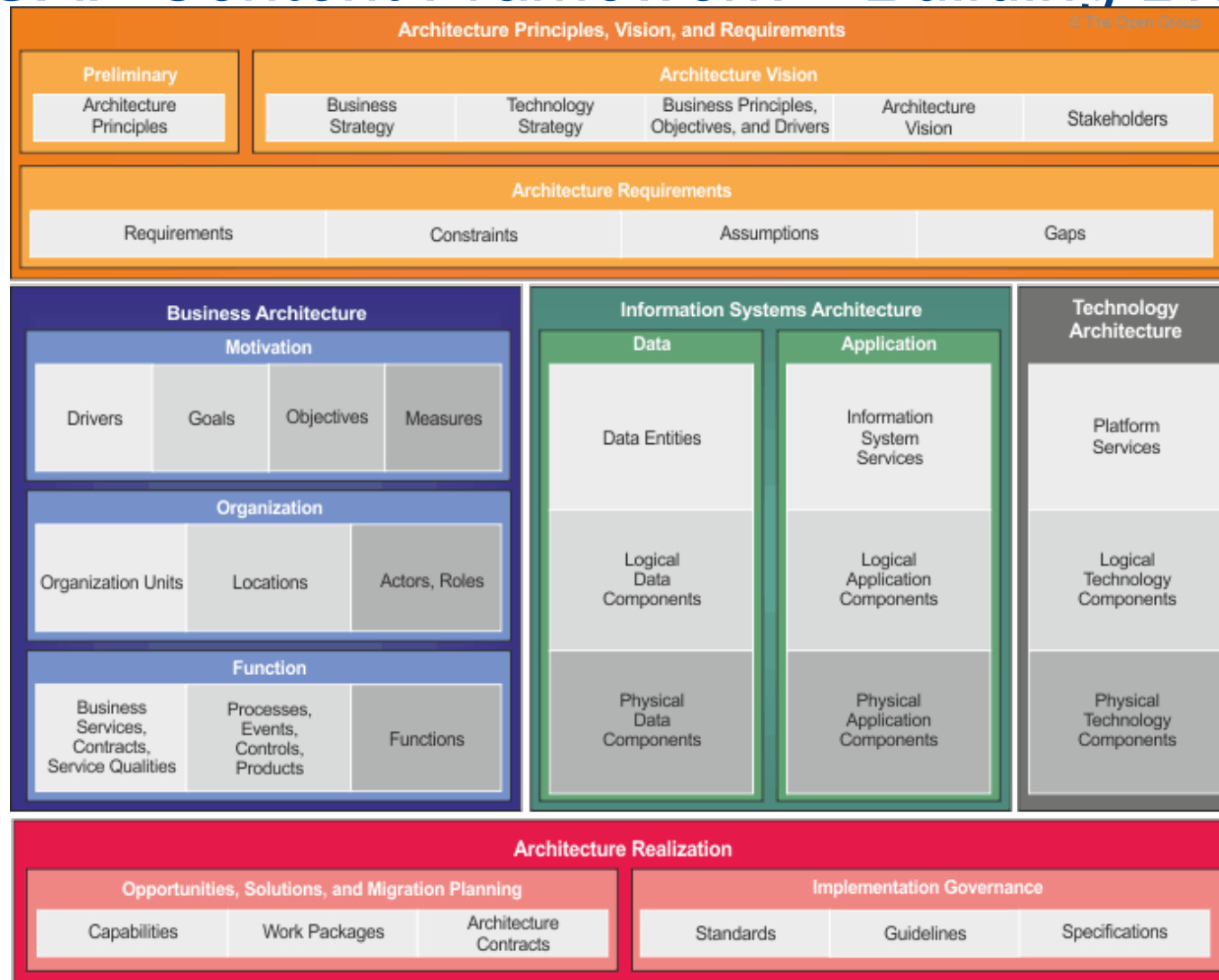
Business Architecture

Data  
Architecture

Application  
Architecture

Technology Architecture

# TOGAF Content Framework – Building Blocks



<http://pubs.opengroup.org/architecture/togaf9-doc/arch/chap33.html>

(The Open Group 2011)



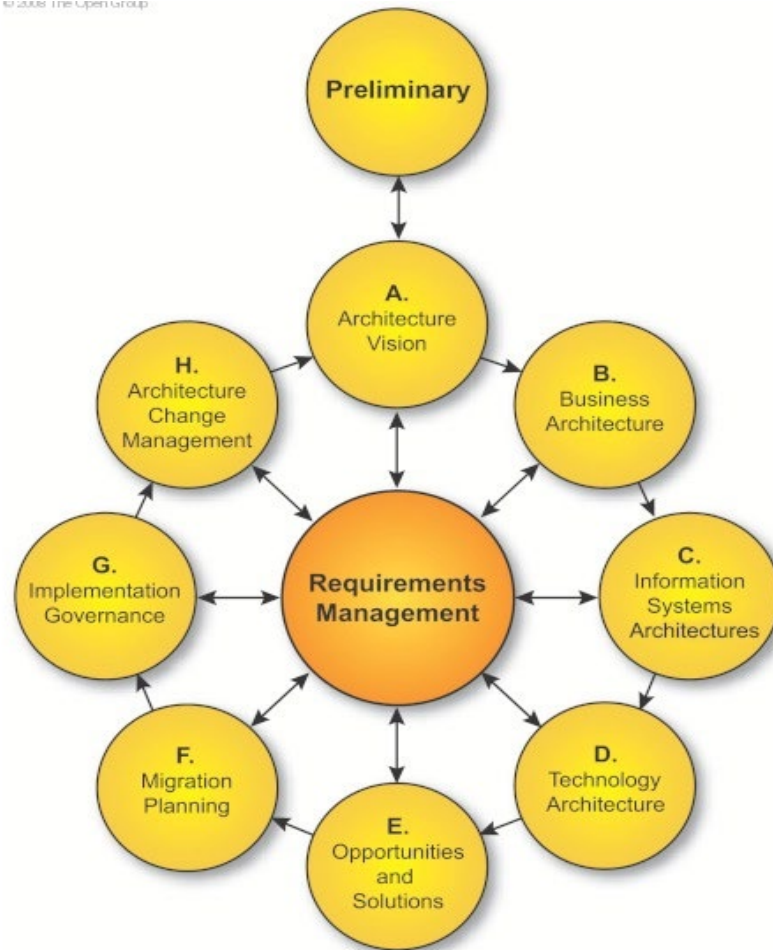


# *Video: Enterprise Architecture Activities*



# TOGAF Architecture Development Method (ADM)

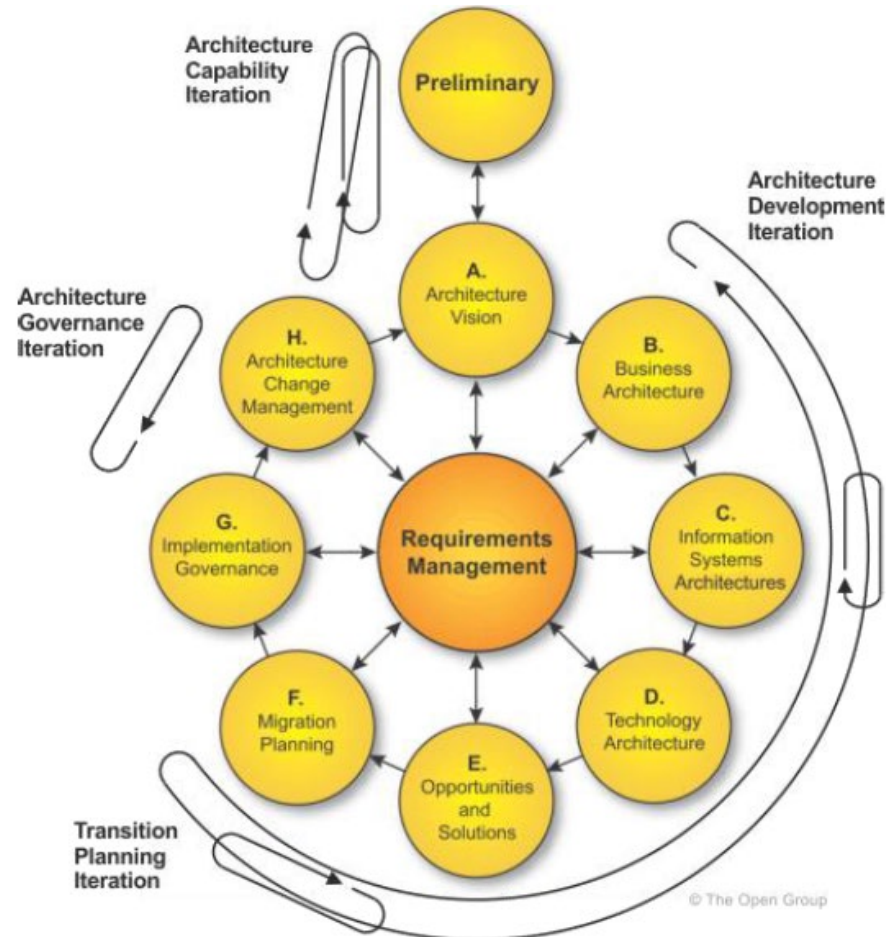
© 2008 The Open Group



- A generic method for developing an enterprise architecture
- An iterative method for the whole EA lifecycle
- Specifically designed to address business requirements
- The ADM is enriched by specific ADM guidelines and techniques. (The Open Group 2009)



# TOGAF Architecture Development Method (ADM)

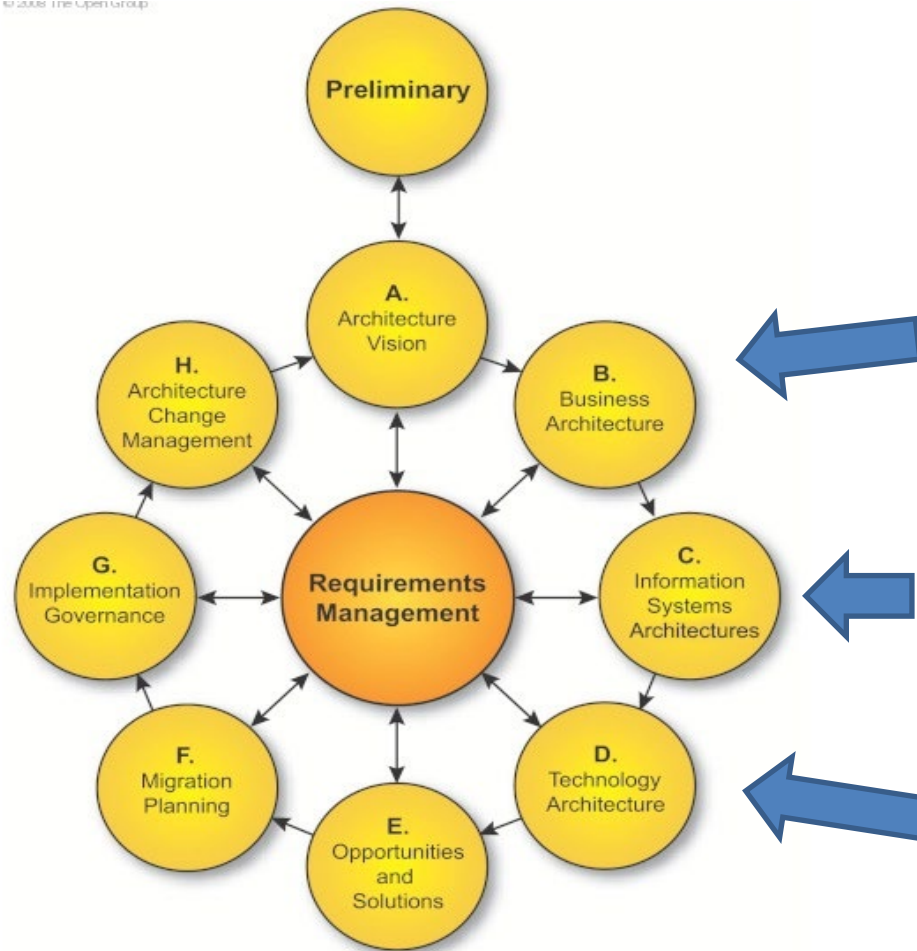


- Although originally represented as a sequential method, chapter 19.2 of TOGAF describes also iteration cycles

(The Open Group 2011)

# TOGAF Architecture Views

© 2008 The Open Group



**Business Architecture**


**Data  
Architecture**

**Application  
Architecture**

**Technology Architecture**

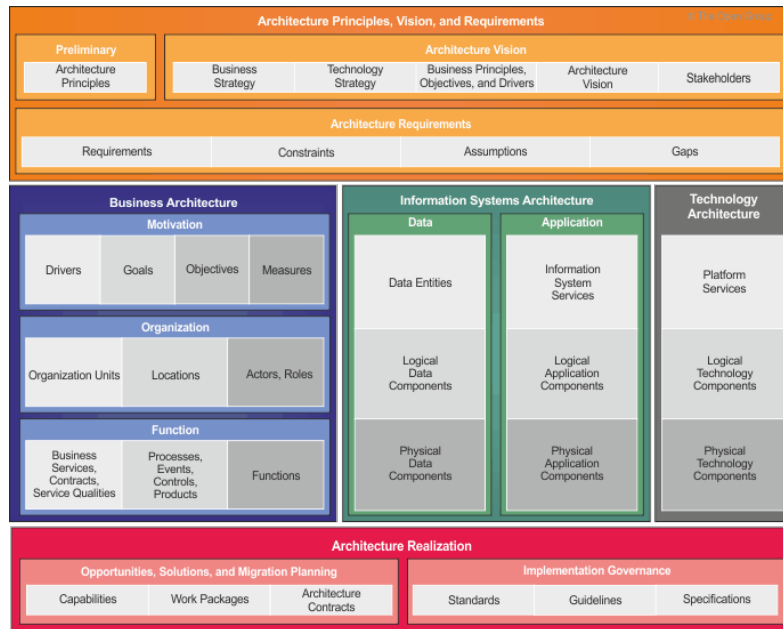
slido

# Is TOGAF about Ontology or Methodology?

 Start presenting to display the poll results on this slide.

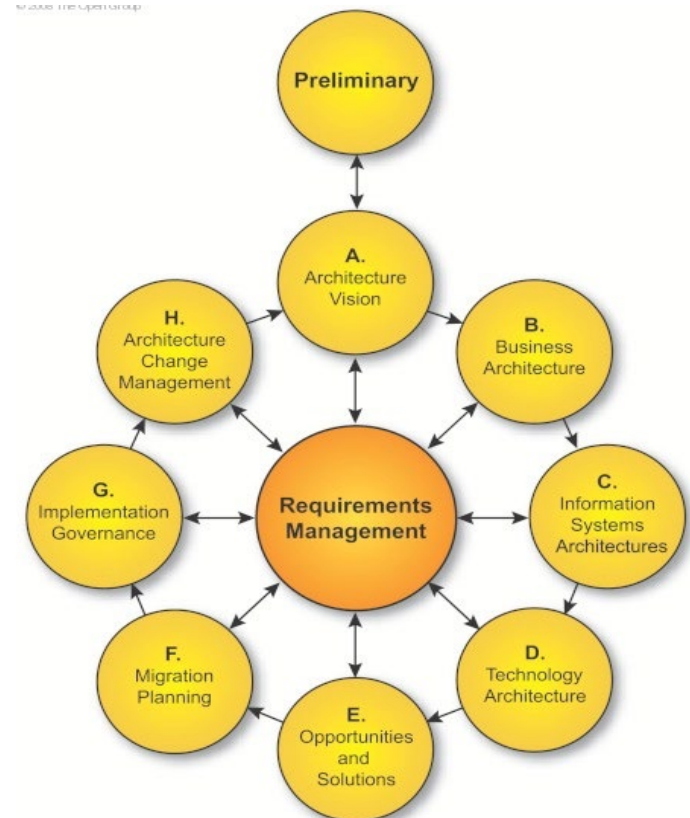
# TOGAF is about Ontology and Methodology

## Ontology: Content Framework (Architectures and Elements)

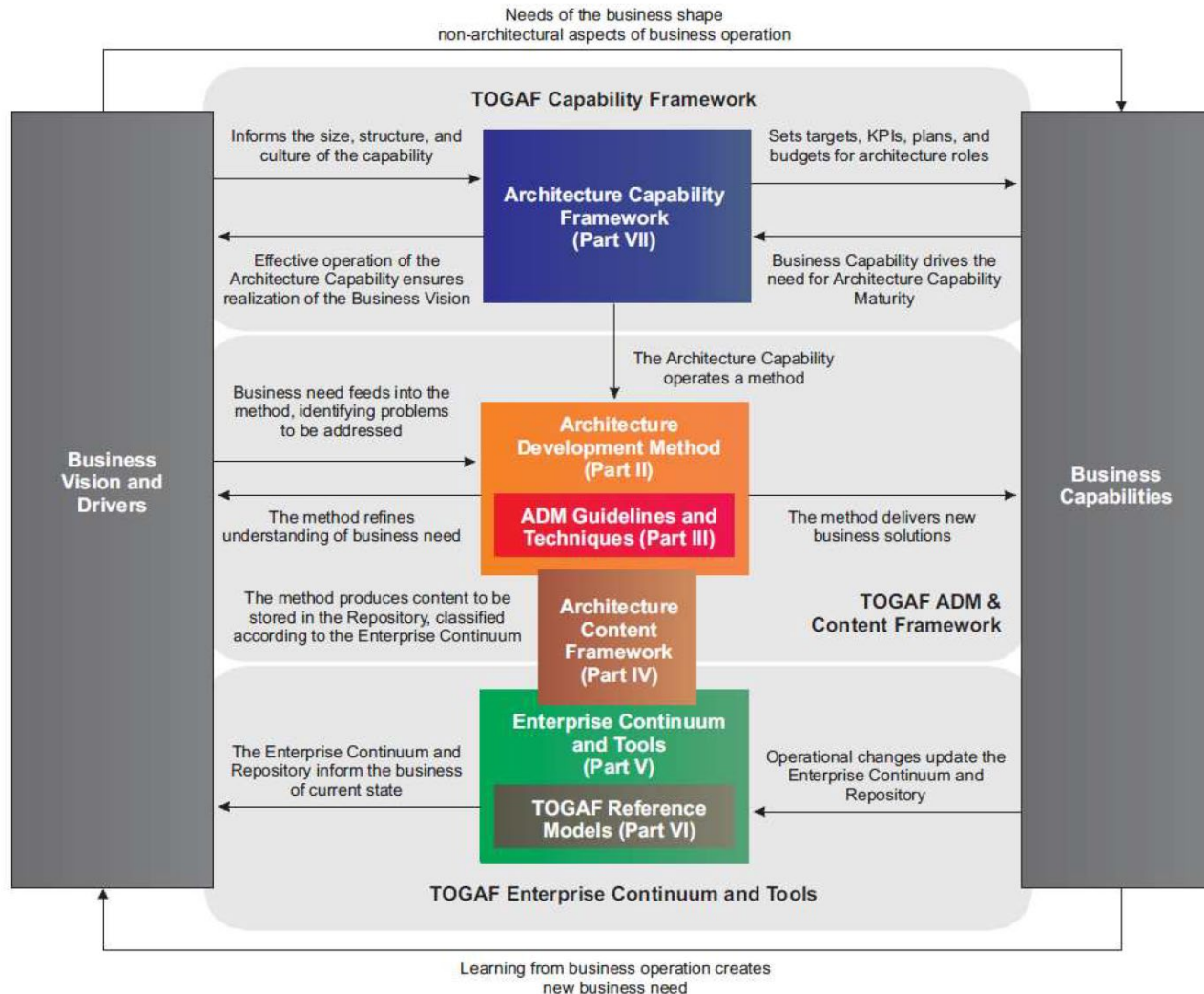


TOGAF allows to use also other content frameworks (e.g. Archimate)

## Methodology: ADM



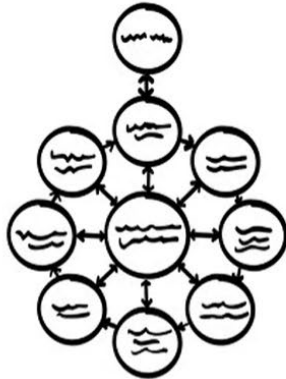
# Structure of the TOGAF Document





# TOGAF Overview

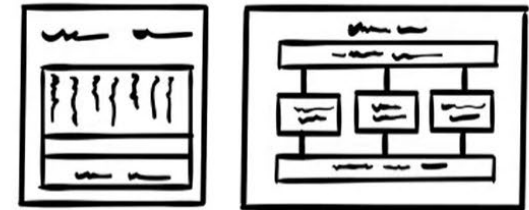
## ADM



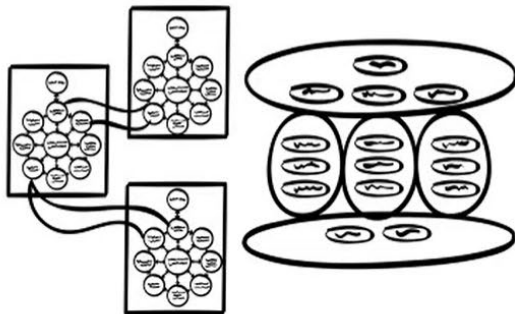
## Architecture Content Framework



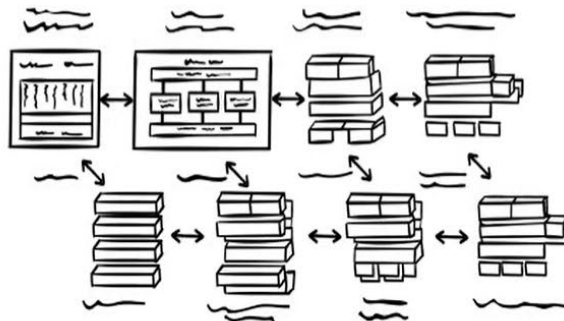
## Reference Models



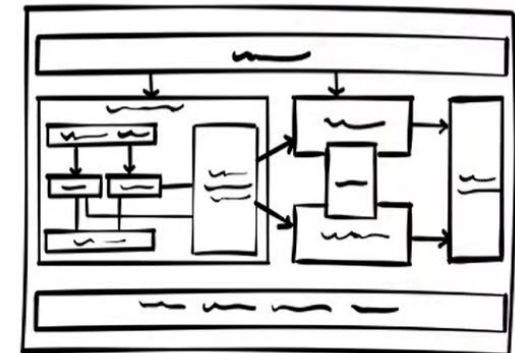
## ADM Guidelines & Techniques



## Enterprise Continuum



## Architecture Capability Framework



<https://www.youtube.com/watch?v=jMmyYpKSqD8>