

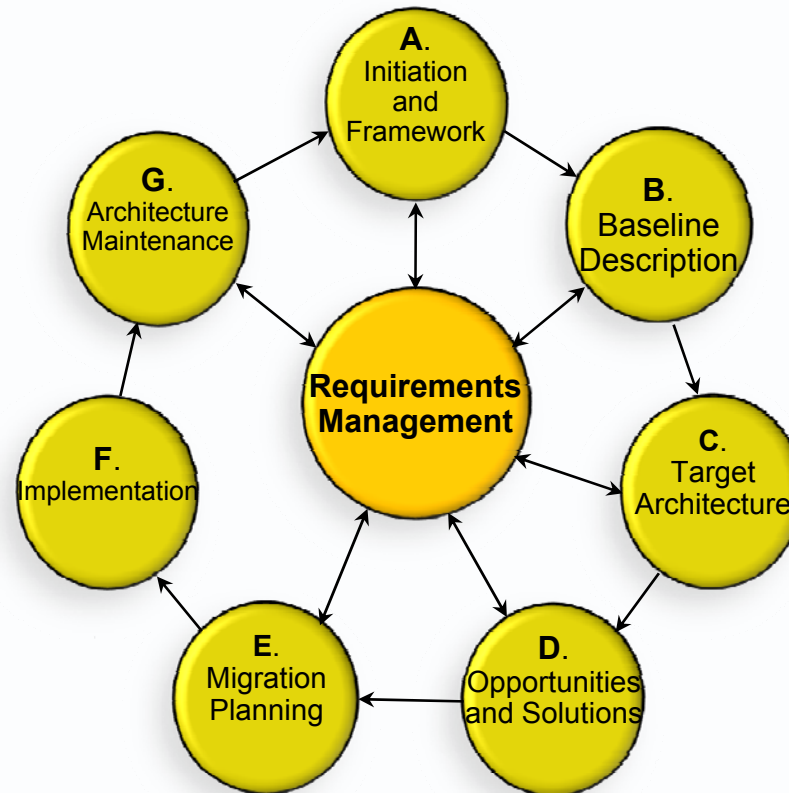
Enterprise Architecture

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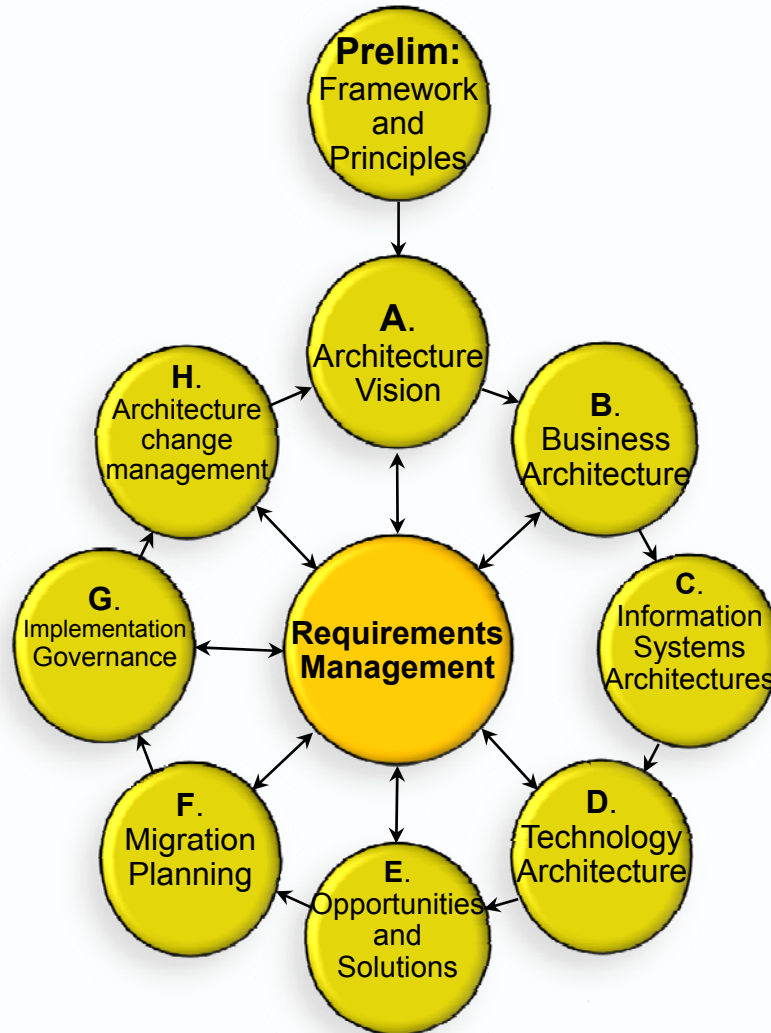
Is Data Architecture in the right place?



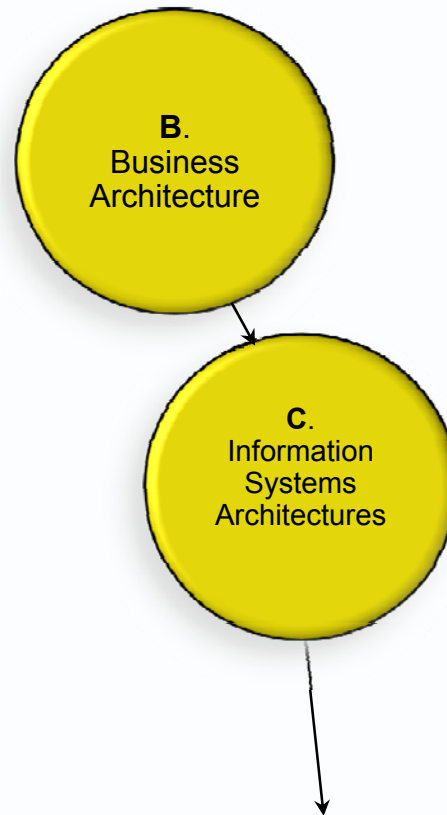
TOGAF 7



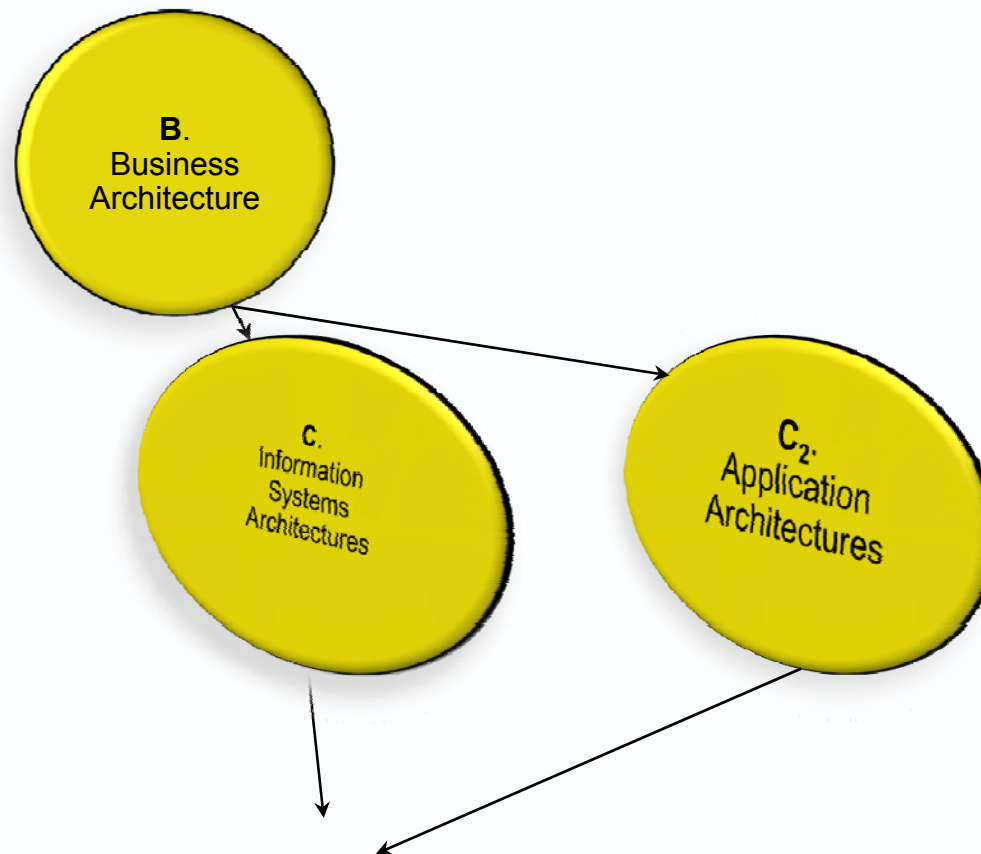
TOGAF 8



TOGAF 9



TOGAF 9





What is Architecture about ?

- Business is about creating/selling 'product' . . .
- Architecture is about workflows needed to engender product. . .
- Enterprise Architecture is about the design of [optimal] workflows . . .
- It is about the
 - ❑ Artefacts
 - Descriptions of
 - Product
 - Data
 - Monies
 - ❑ And how they hang together

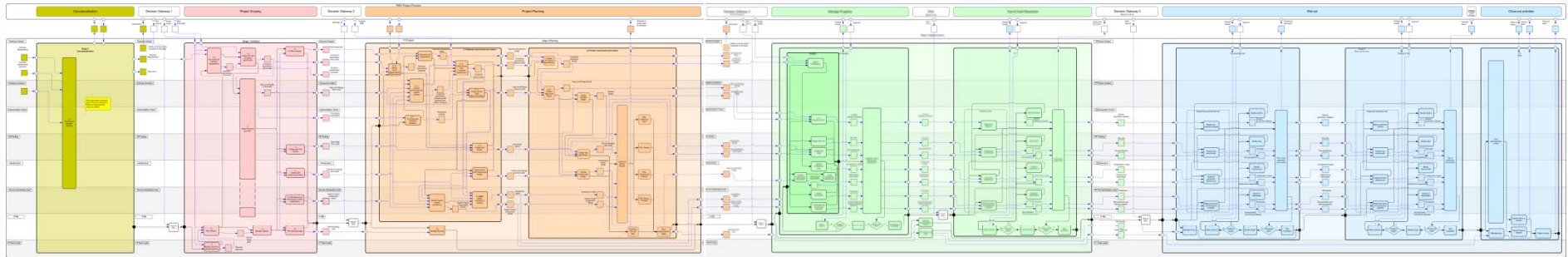


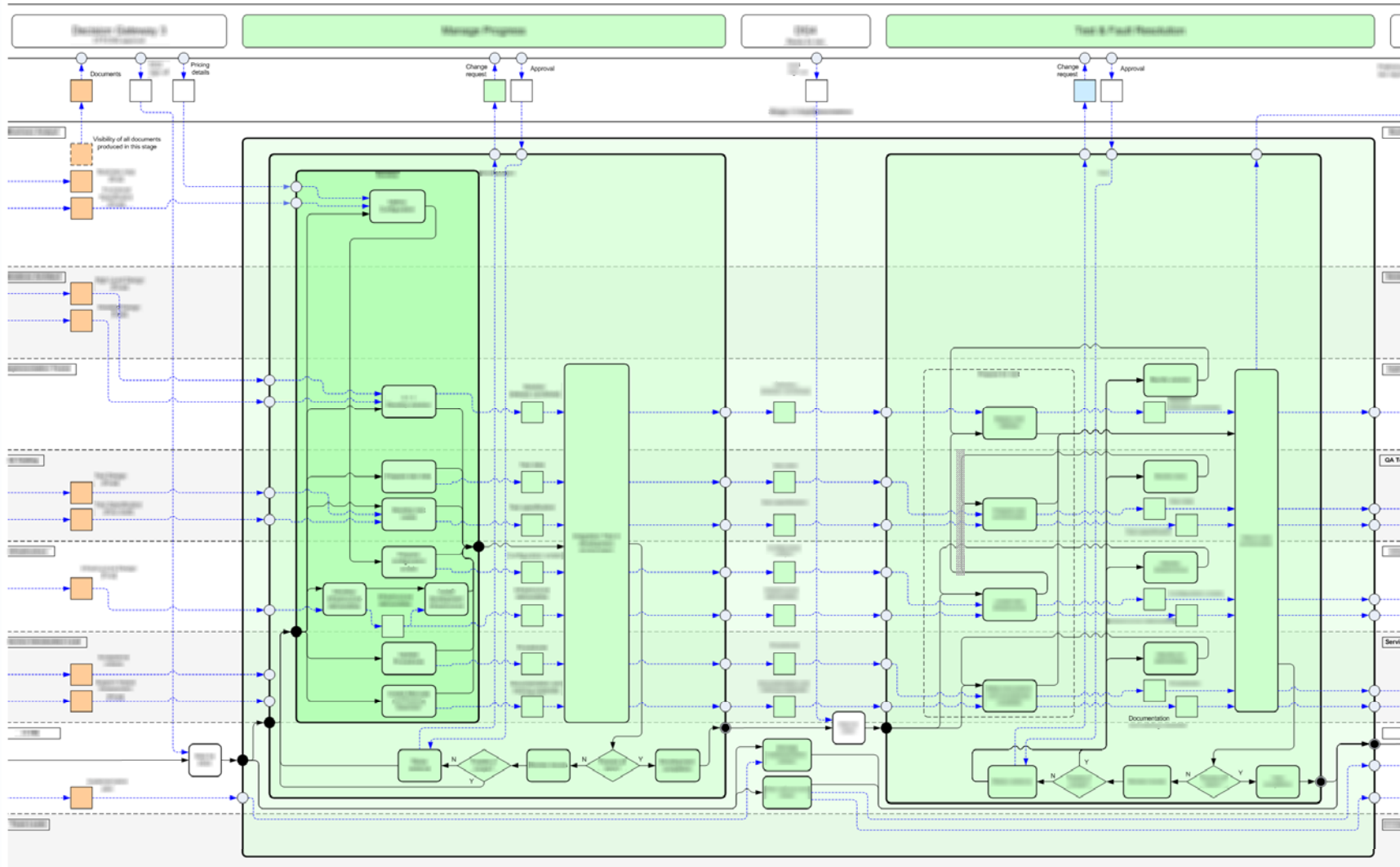
Thus . . .

- Data is needed to 'condition' operations on
 - product/component
 - money flowsthroughout any system
- Data Architecture is necessarily tied to the Business Architecture
- The Business Flow includes ALL process
- ALL processes are conditioned by Data
- Only some processes are conducted electronically within the IS 'service subset'
- A Data Architecture is required whether or not there are Applications [in an IS environment]

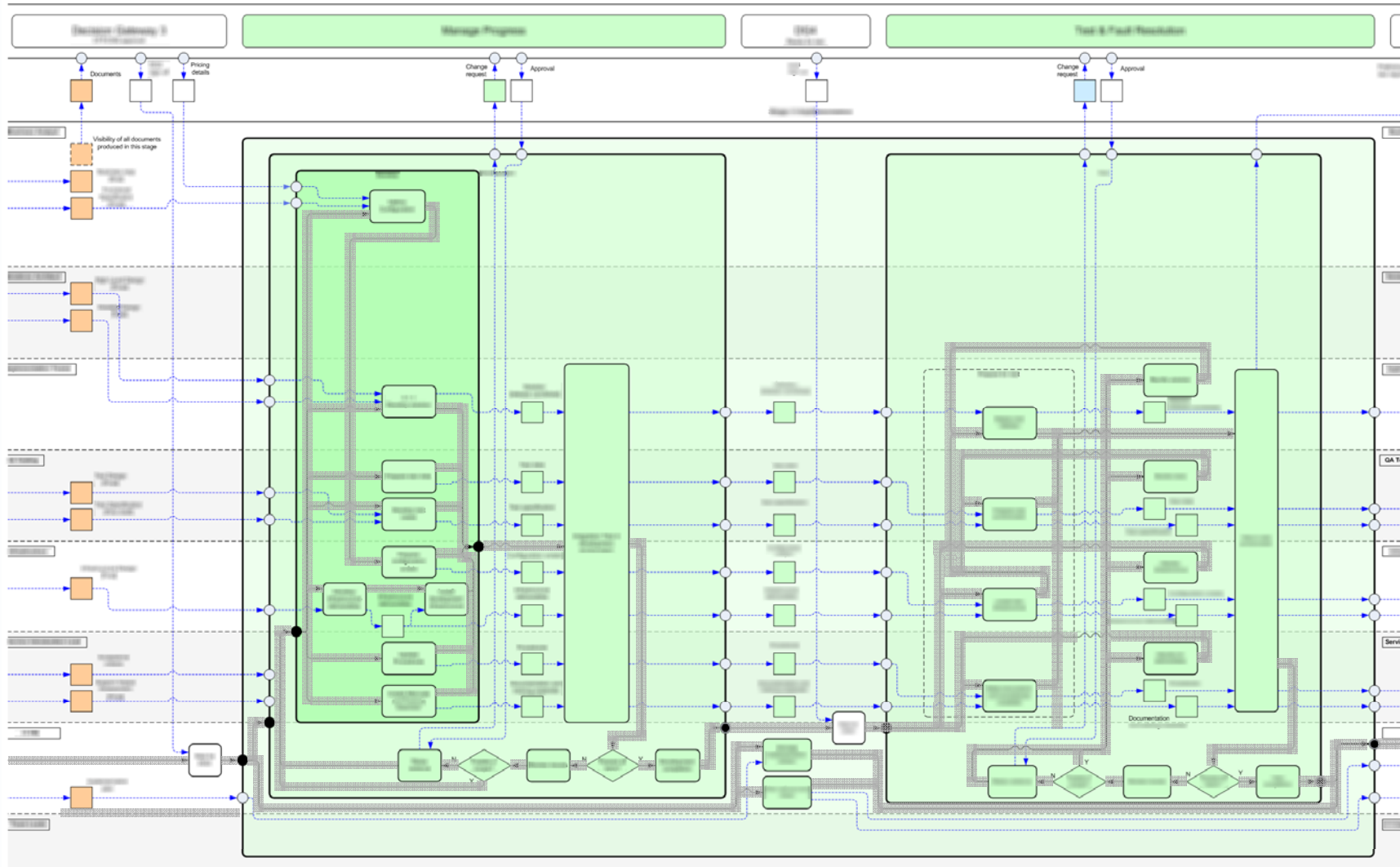
Look at a [necessarily] high level workflow -

A workflow

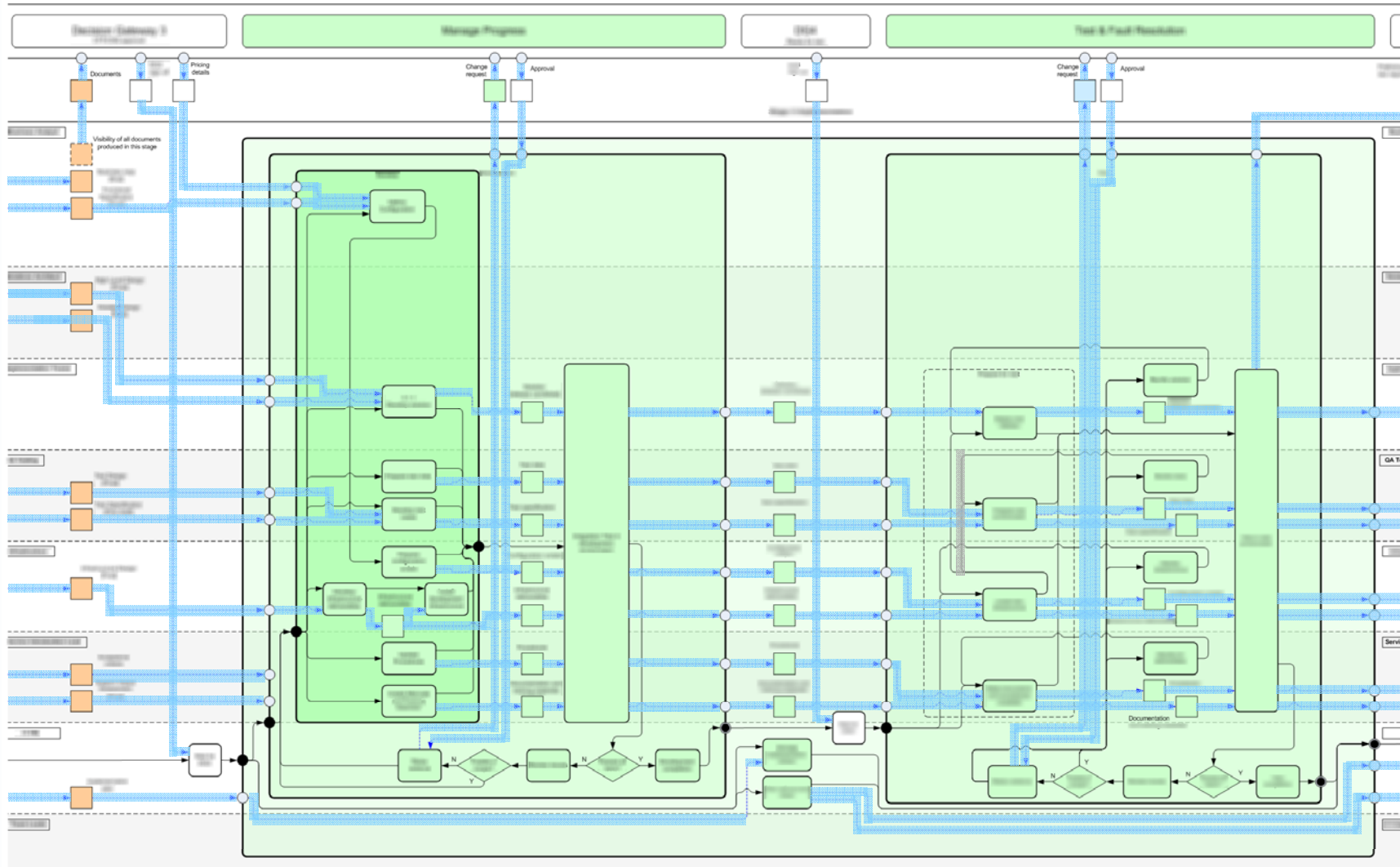




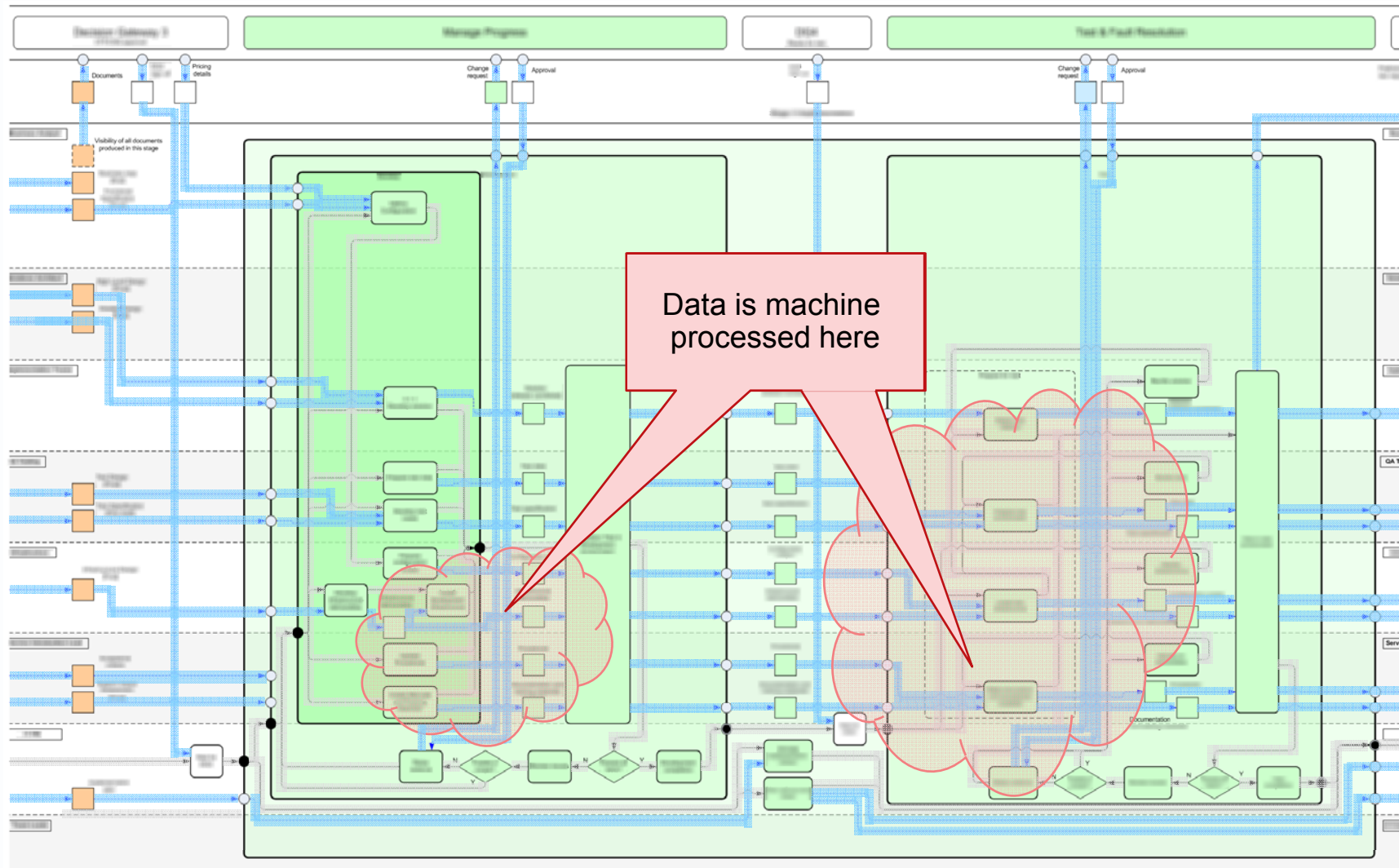
A subset – Product flows



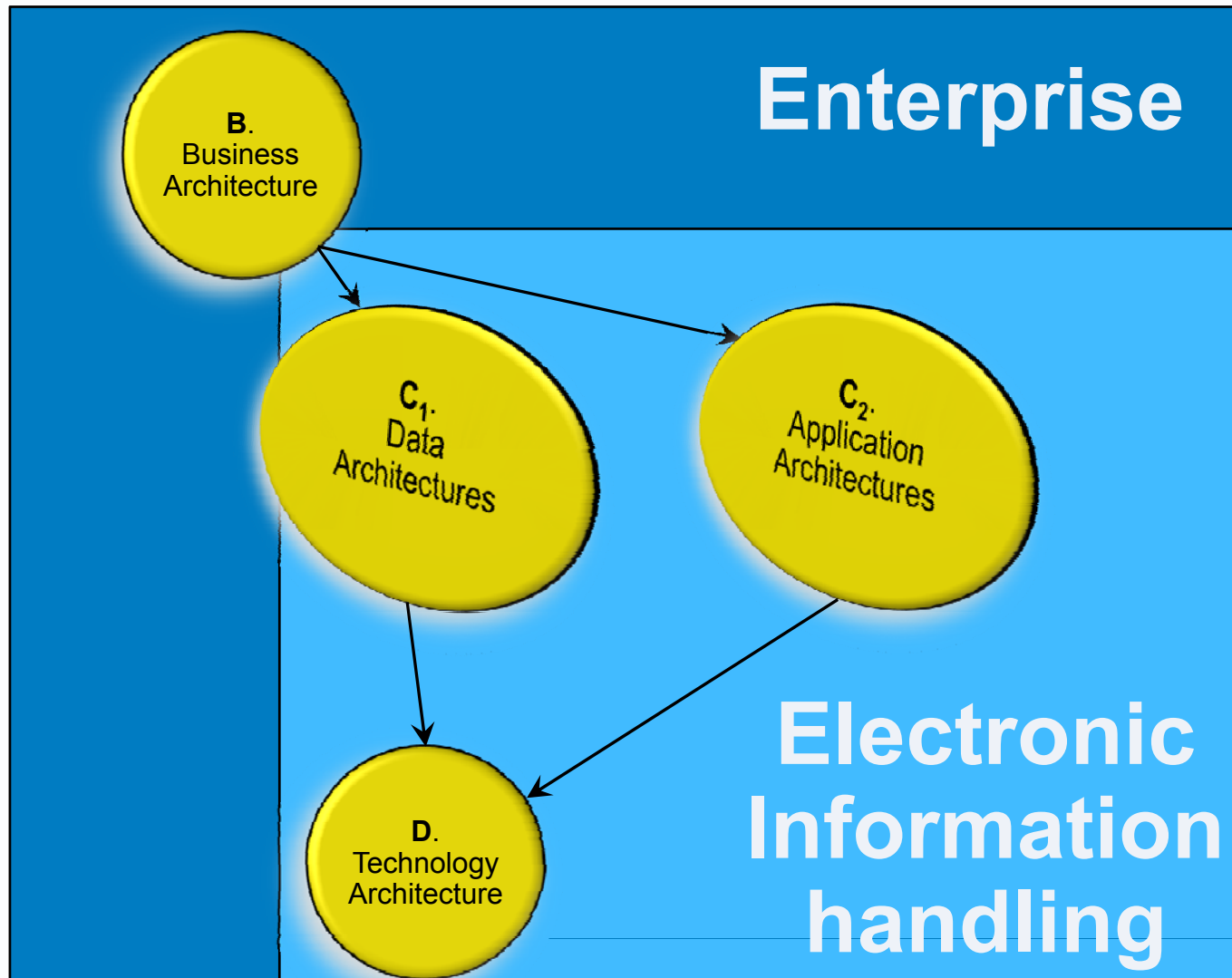
A subset – Data flows



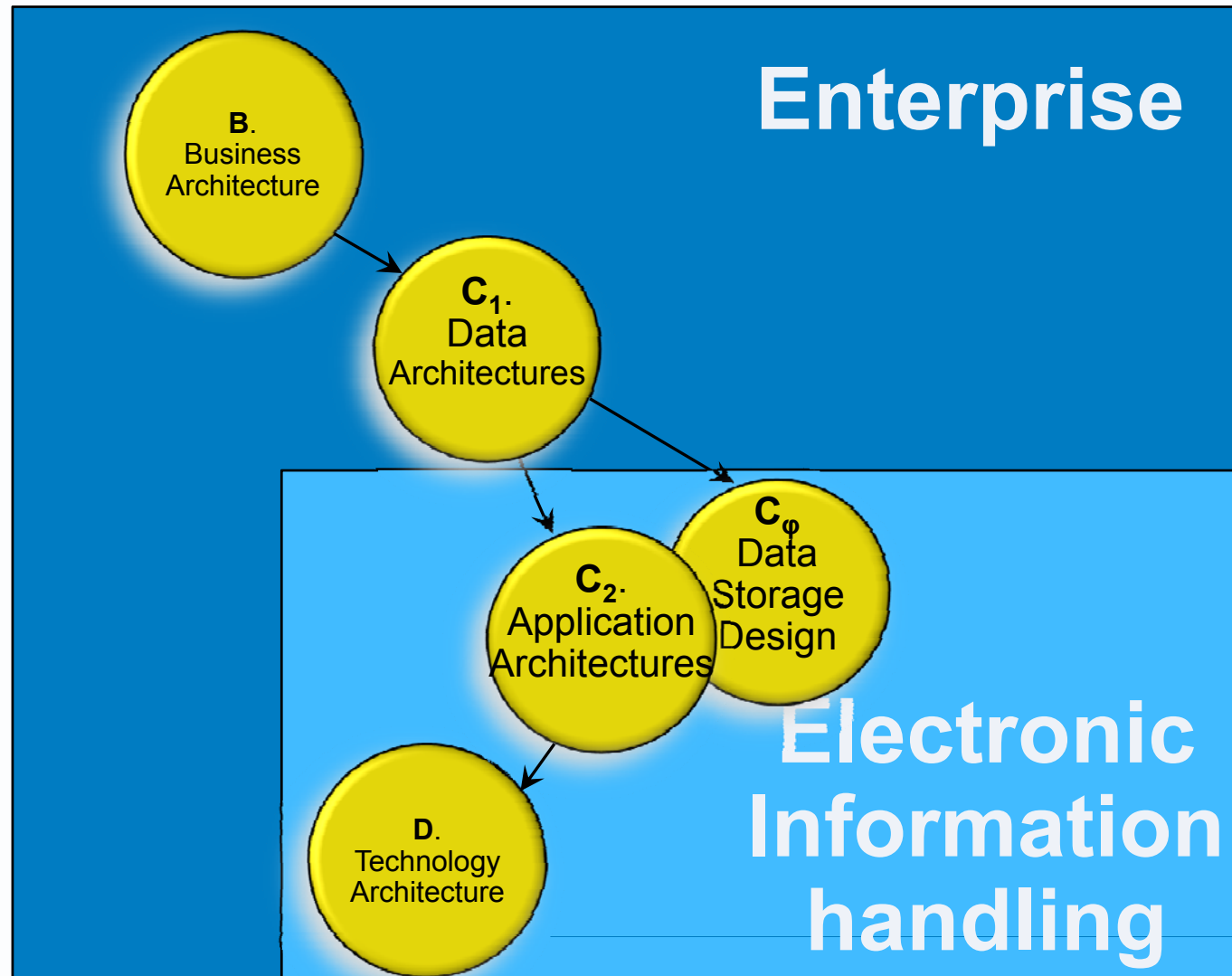
A subset – Data processed electronically



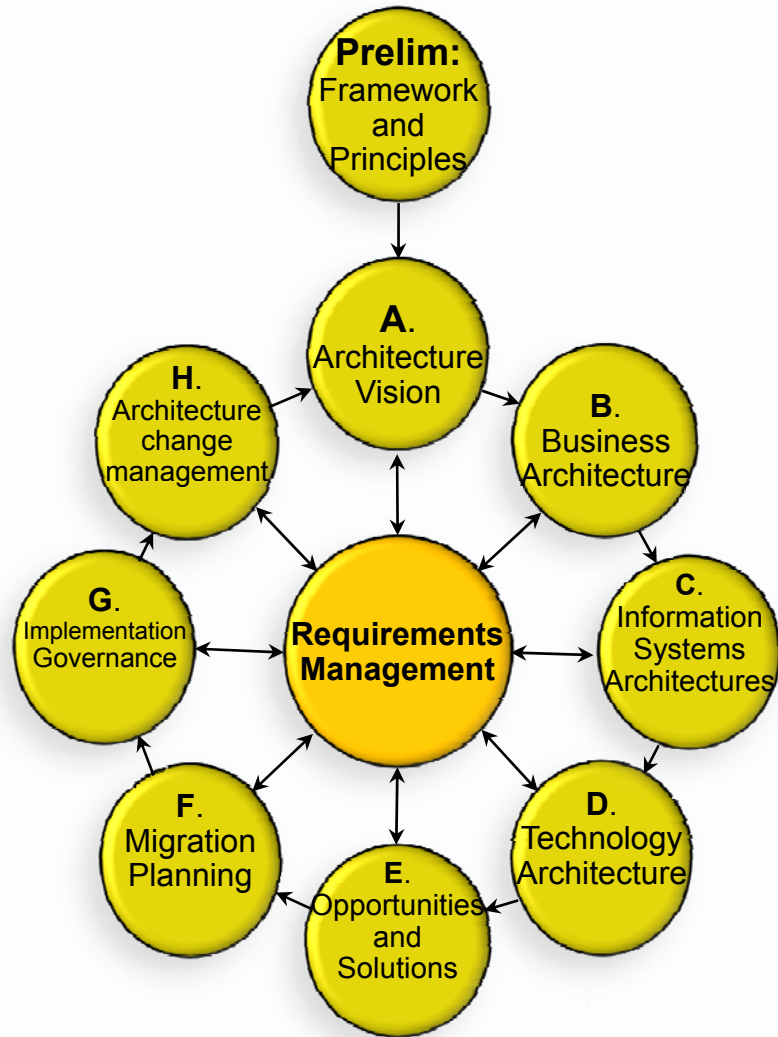
The IS-centric architect's grouping



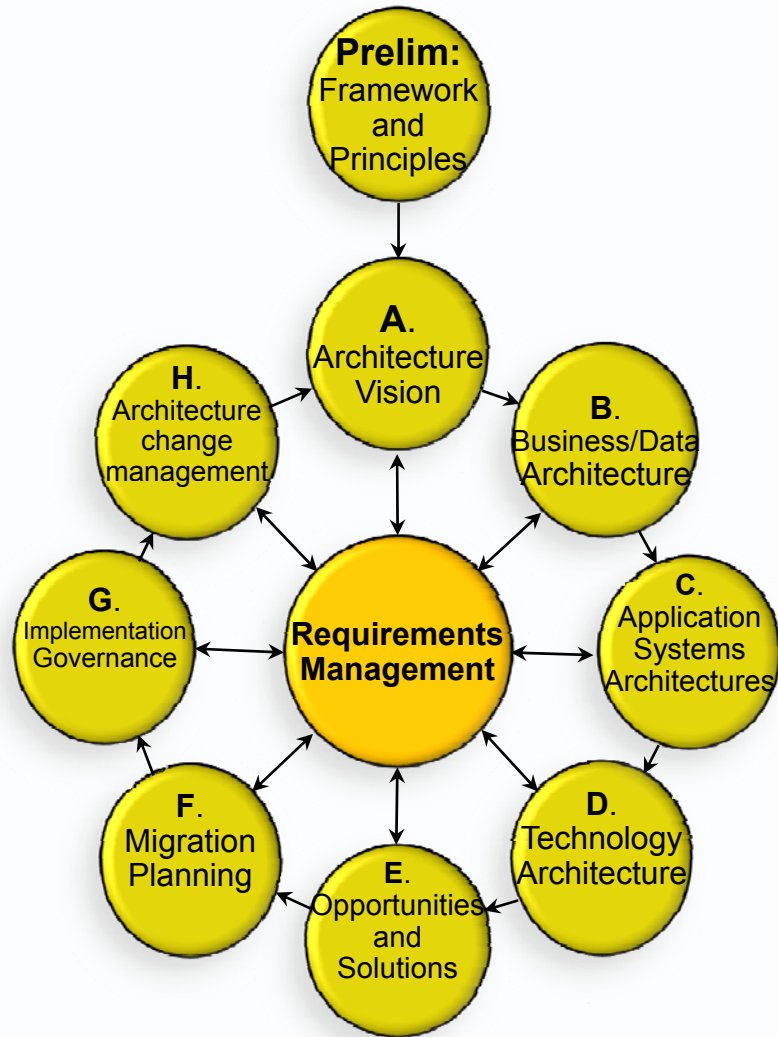
The 'natural business' grouping



TOGAF 9



TOGAF 9+n





This is revisiting an old question

- ▶ Data is **NOT** exclusive to the Information Systems
- ▶ It is fundamental to the **business workflows**
- ▶ At the top of the stack we architect **business workflows**
- ▶ By holding it tight to I.S. we alienate ‘the business’
- ▶ Only some data is ‘electronically processed’
- ▶ All data is used in/by/during business process
 - All initial ‘input’ and final ‘output’ is to ‘people’



Is Data Architecture in the right place?

- END -