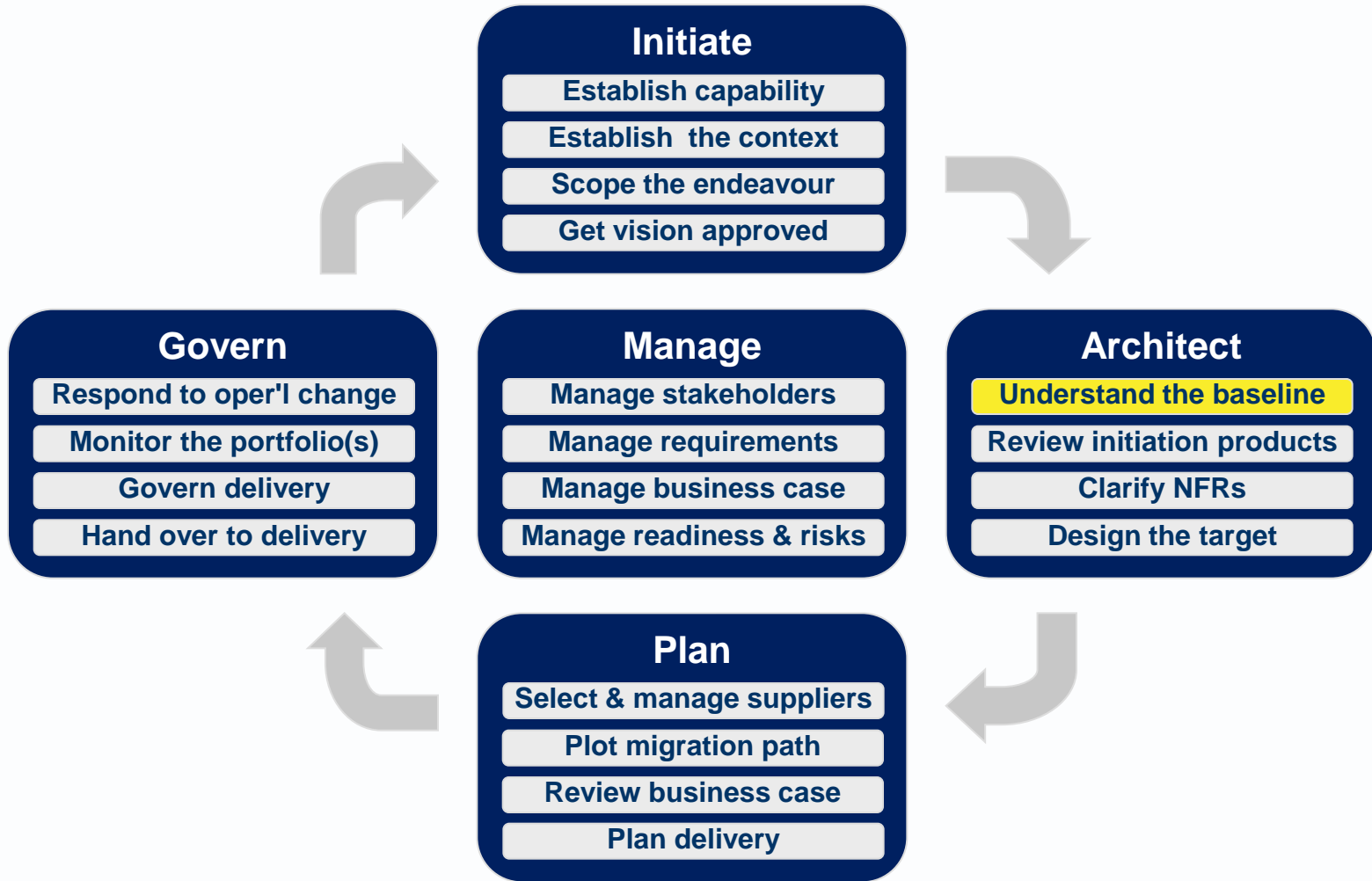


# Avancier Methods (AM) Architect Phase

## Understand the baseline

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# Understand the baseline (AM level 2)



## Understand the baseline (AM for EA level 3)

1. Understand the baseline business architecture
  2. Understand the baseline data architecture
  3. Understand the baseline applications architecture
  4. Understand the baseline infrastructure architecture
  5. Look for reuse
  6. Assess constraints and opportunities
- 
- ▶ The aim is not to analyse the entire estate
  - ▶ Describe only relevant baseline system(s)
  - ▶ Describe only what is needed to enable achievement of goals.
  - ▶ Describe baseline and target the same way as far as possible.
  - ▶ (So the output might take the form of a baseline Solution Outline.)

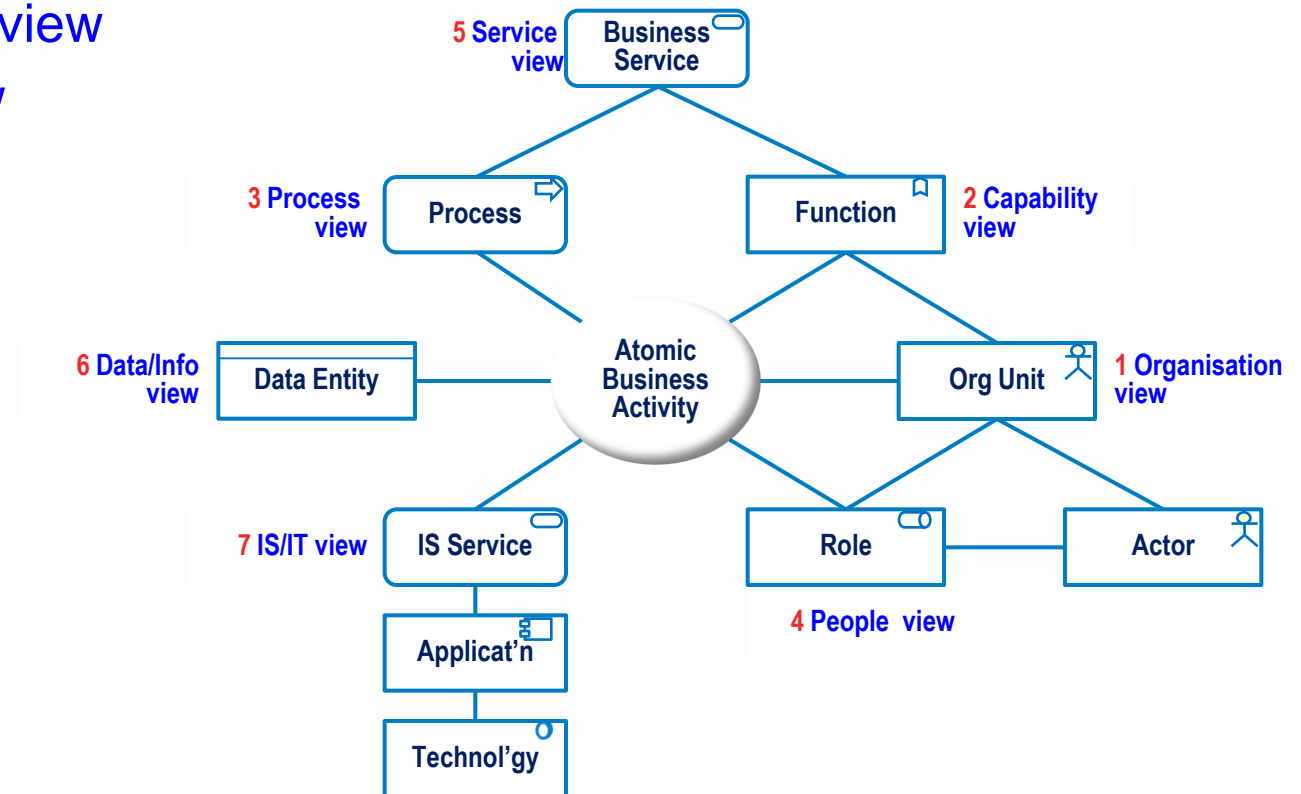
# Understand the baseline: architecture domains

- ▶ EA optimises and extends business activities that create and use data.
- ▶ This requires attention to the baseline architecture domains below.

<b>Business architecture</b>	<p>This describes the structural and behavioral elements of a business - the services they provide and their inter-relationships.</p> <p>EA maps business elements to business motivations (drivers, strategies, goals etc.) and to elements of other domains.</p>
<b>Information systems architecture</b>	<p>This describes information systems that support &amp; enable business activities by capturing &amp; providing data.</p> <p><b>Data Architecture</b> describes business data stores and data flows, the data structures they contain and the qualities of that data.</p> <p><b>Application Architecture</b> describes business applications - the services they provide to business activities, and their inter-relationships.</p> <p>EA maps data stores, data flows, data entities, applications and application services to each other and to elements of other domains.</p>
<b>Technology (infrastructure) architecture</b>	<p>This describes platform technologies - the services they provide to business applications and their inter-relationships.</p> <p>EA maps technology components and platform services to elements of other domains.</p>

# Understand the business architecture (AM for EA level 3)

1. Form an organisation view
2. Form a capability view
3. Form a process view
4. Form a people view
5. Form a service view
6. For a data/info view
7. Form an apps view



Detailed in methods & training

## Understand the applications portfolio (AM for EA level 3)

1. Form an organisation/capability view of the applications
2. Form a people (roles) view of the applications
3. Form a data flow view of the applications
4. Form a data store view of the applications
5. Populate EA repository
6. Classify and rank applications

Detailed in methods & training

## Understand the technology portfolio (AM for EA level 3)

1. Classify baseline platform technologies
2. Catalogue baseline technologies
3. Classify baseline platform services
4. Catalogue baseline platform services (define TRM)

Detailed in methods & training

- ▶ Do a gap analysis
- ▶ Review the baseline architecture with stakeholders
- ▶ Discuss which elements of the baseline might be maintained or used in a new way.
- ▶ Look also in the enterprise's architecture and solution repositories for what might be reused from elsewhere in the enterprise.



## ***Assess constraints and opportunities***

- ▶ Review the baseline architecture with stakeholders to decide what cannot be changed.
- ▶ Look for opportunities to make use of existing systems elsewhere in the enterprise, or readily available from external sources.

# Review initiation products (AM level 2)

