

A.R.T. and Security © (The art of Security)

Security is like salt.

Right amount added at the
right time while cooking.

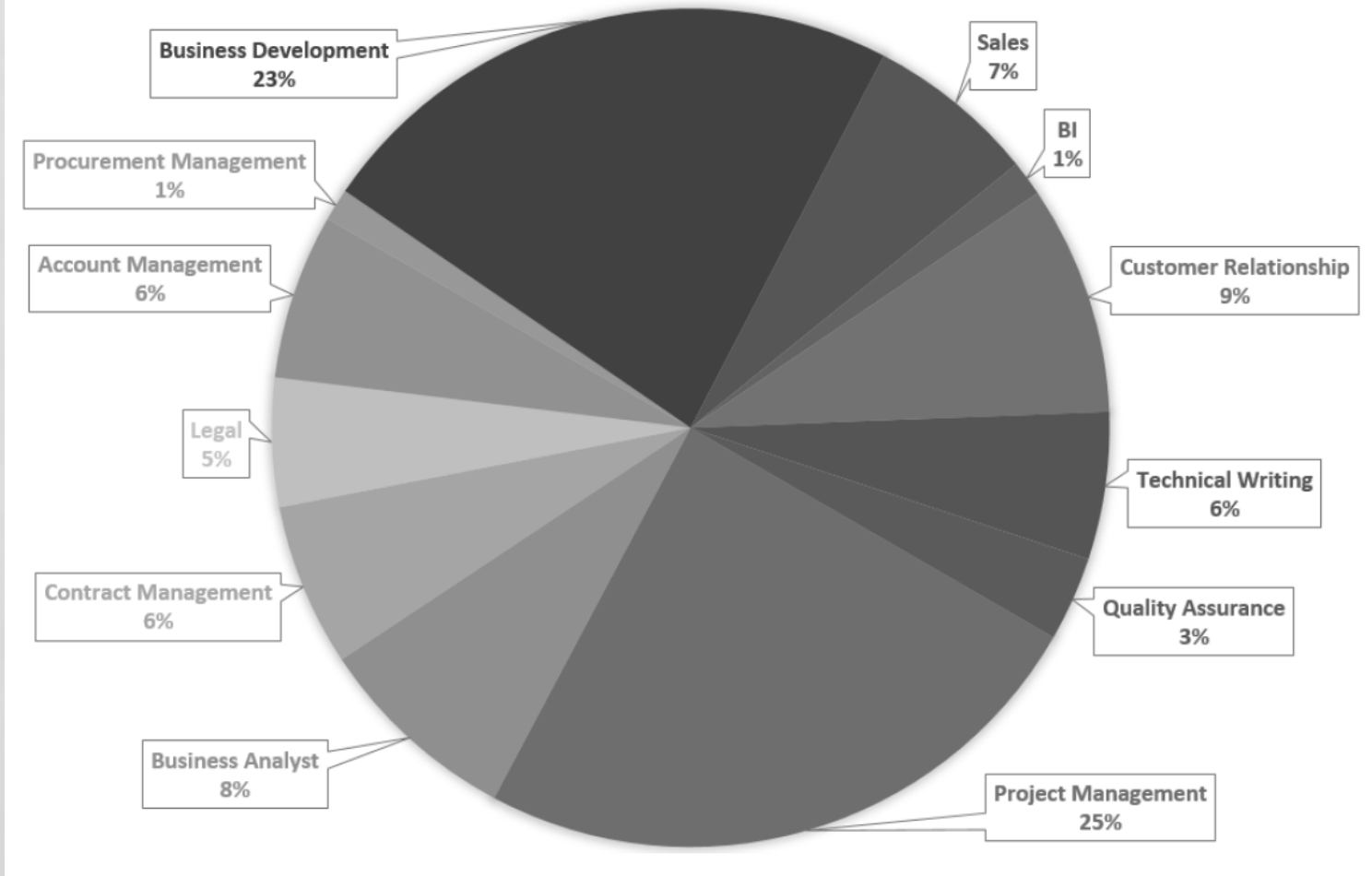
Food relished, life not
relinquished.

Why is it important

- Three 'frictions' that fail us from serving the Enterprise / Agency / Business goals in a secure manner
- Absolute Friction
 - Occurs and snow balls when the Stakeholders are not heard or understood or when you are not heard or understood
- Relative Friction
 - Occurs and snow balls when there is Process disconnect
- Tactile Friction
 - Occurs and show balls when Stakeholder's technology is not understood sufficiently and deeply by Security or when security technology is not communicated sufficiently to Stakeholders

Stakeholders who influence Security

**DEMAND FOR IT STAKEHOLDERS WITH SECURITY BACKGROUND BY #S
BASED ON JOB ANALYTICS OF 50K POSTINGS, © BANYAN LOGIC, LLC**



Water Lifecycle

- Ice <> Water <> Vapor
- I get that



Water Lifecycle

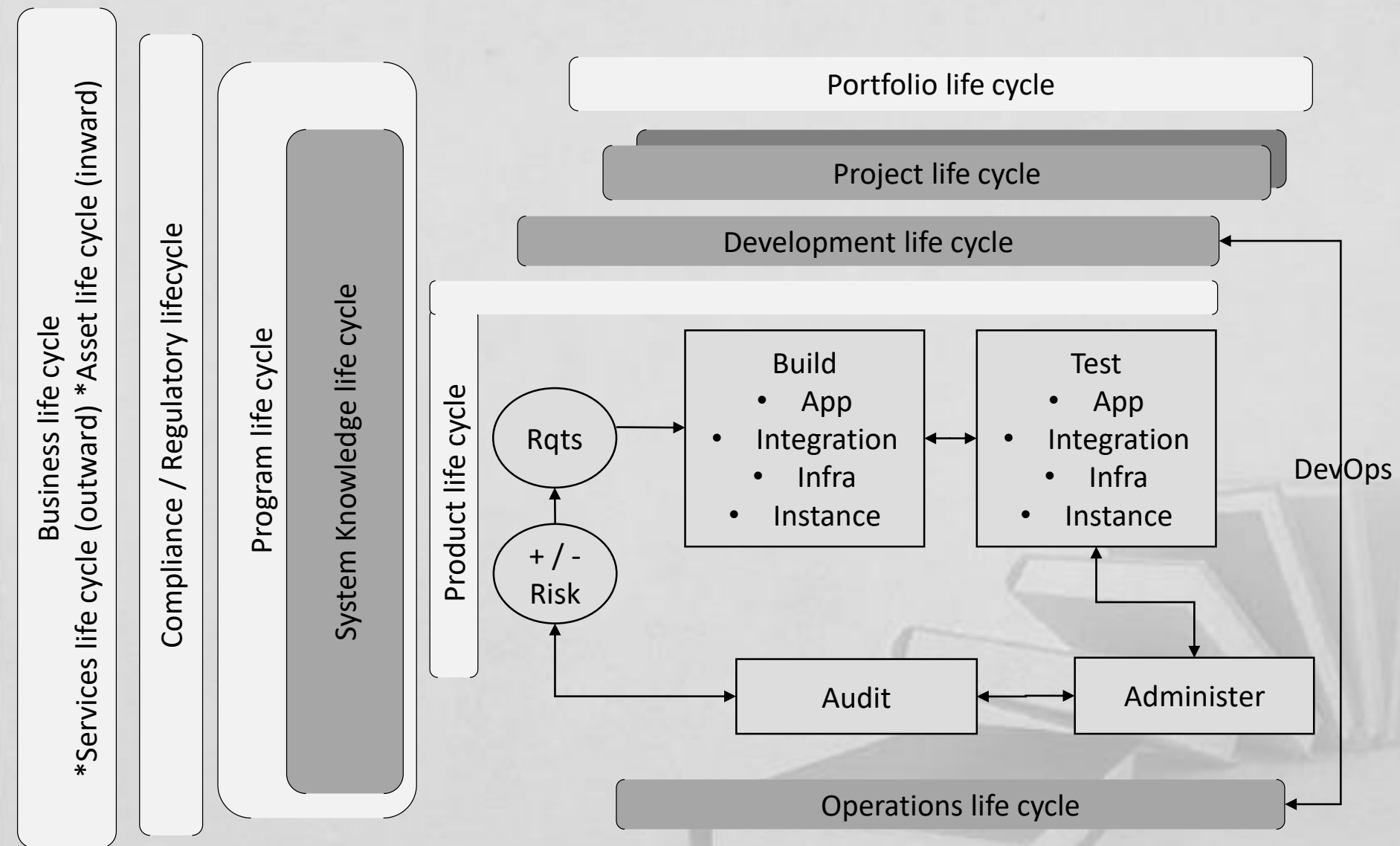
- Ice <> Water <> Vapor
- Ocean > Clouds > Rain or Snow
- Rain > River > Flows / Floods > Ocean > Vapor > Clouds > Rain
- Snow > Ice caps melt > River > Ocean > Vapor > Clouds > Snow
- Rain > River > Flows / Floods > Ocean > Vapor > Clouds > Mountains > Rain
- Snow > Ice caps melt > River > Ocean > Clouds > Mountains > Snow
- Rain > River > Flows / Floods > Ocean > Vapor > Clouds > Winds > Mountains > Rain
- Snow > Ice caps melt > River > Ocean > Clouds > Winds > Mountains > Snow
- Rain > River > Flows / Floods > Ocean > Seasons > Vapor > Clouds > Winds > Mountains > Rain
- Snow > Ice caps melt > River > Ocean > Seasons > Clouds > Winds > Mountains > Snow
- Rain > River > Dams > Flows / Floods > Ocean > Seasons > Vapor > Clouds > Winds > Mountains > Rain
- Snow > Ice caps melt > River > Dams > Ocean > Seasons > Clouds > Winds > Mountains > Snow
- Hum!!

Water Lifecycle

- What's the point?
- Kindly note that the content here is work in progress
- The data points and inferences that I put together are of course simplistic
- The key words in the last slide are correct so use them until you arrive at your context specific key word



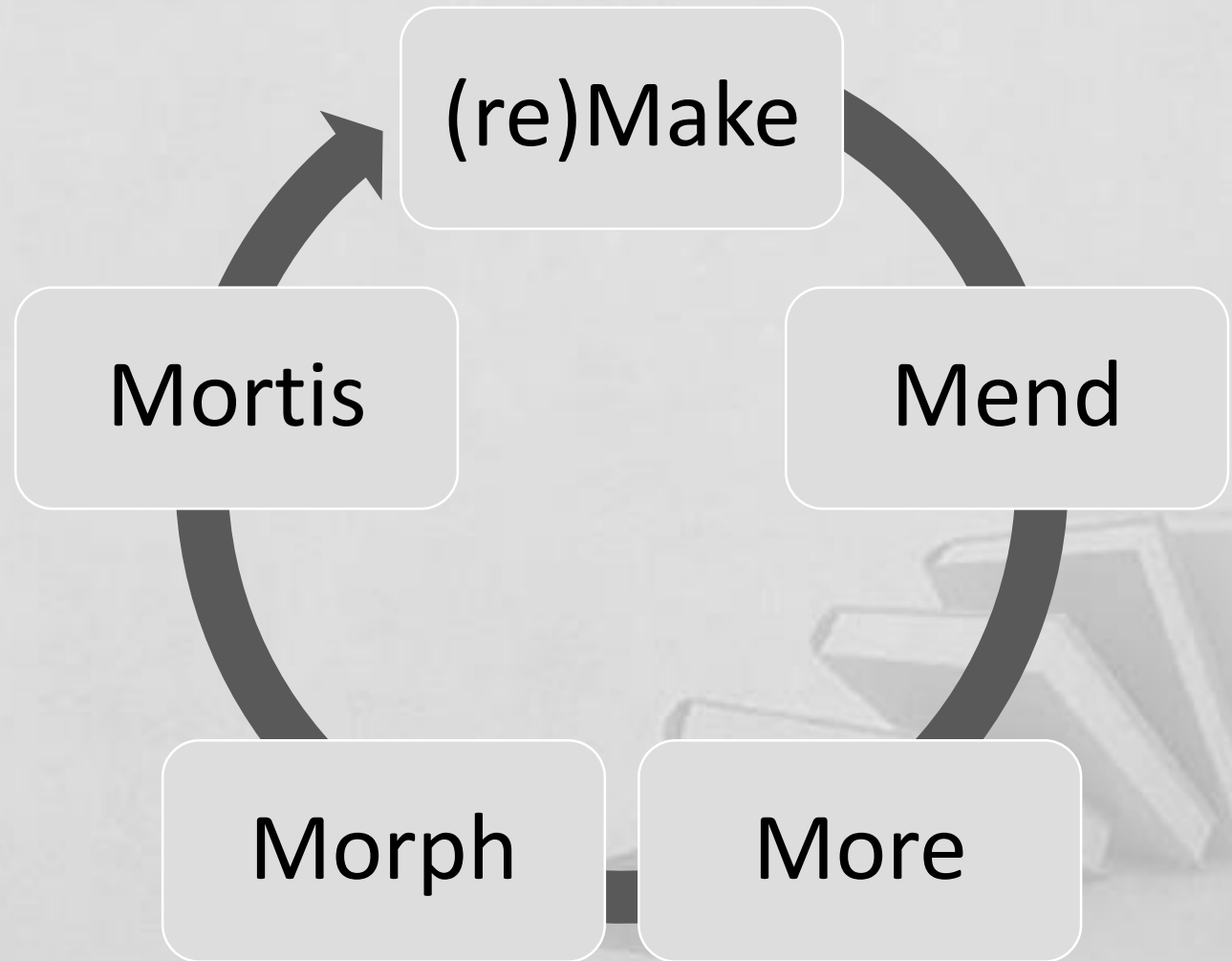
Lifecycles Impacting Security



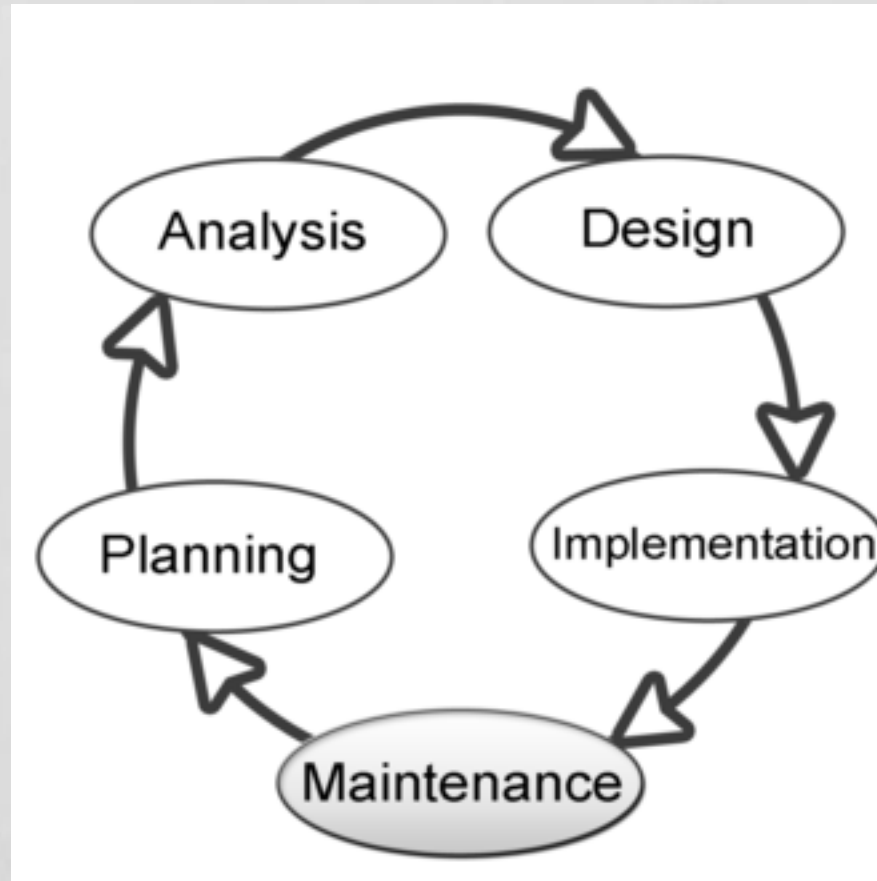
Lifecycle changes with perspective

- LOB portfolio look like projects with a common risk signatory to you (security)
- Your program looks like part of a project to LOBs
- You don't have portfolios as far as LOBs are concerned
- LOB program is not IT LOA (Line of Automation – made it up) program
- Object / reuse libraries is a portfolio efficiency to LOA. It is part of a project for security.

Product Lifecycle



System Dev lifecycle



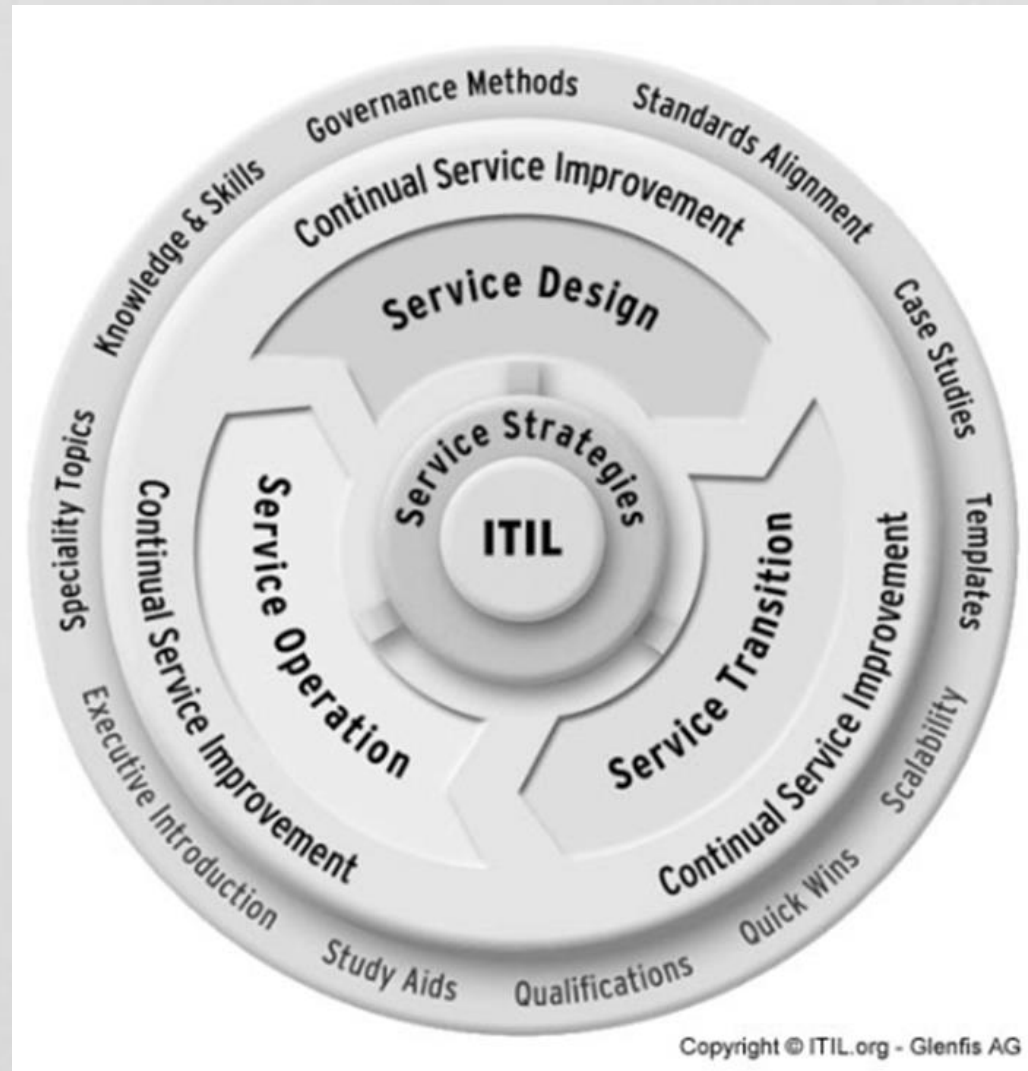
- https://en.wikipedia.org/wiki/Systems_development_life_cycle

Project life cycle



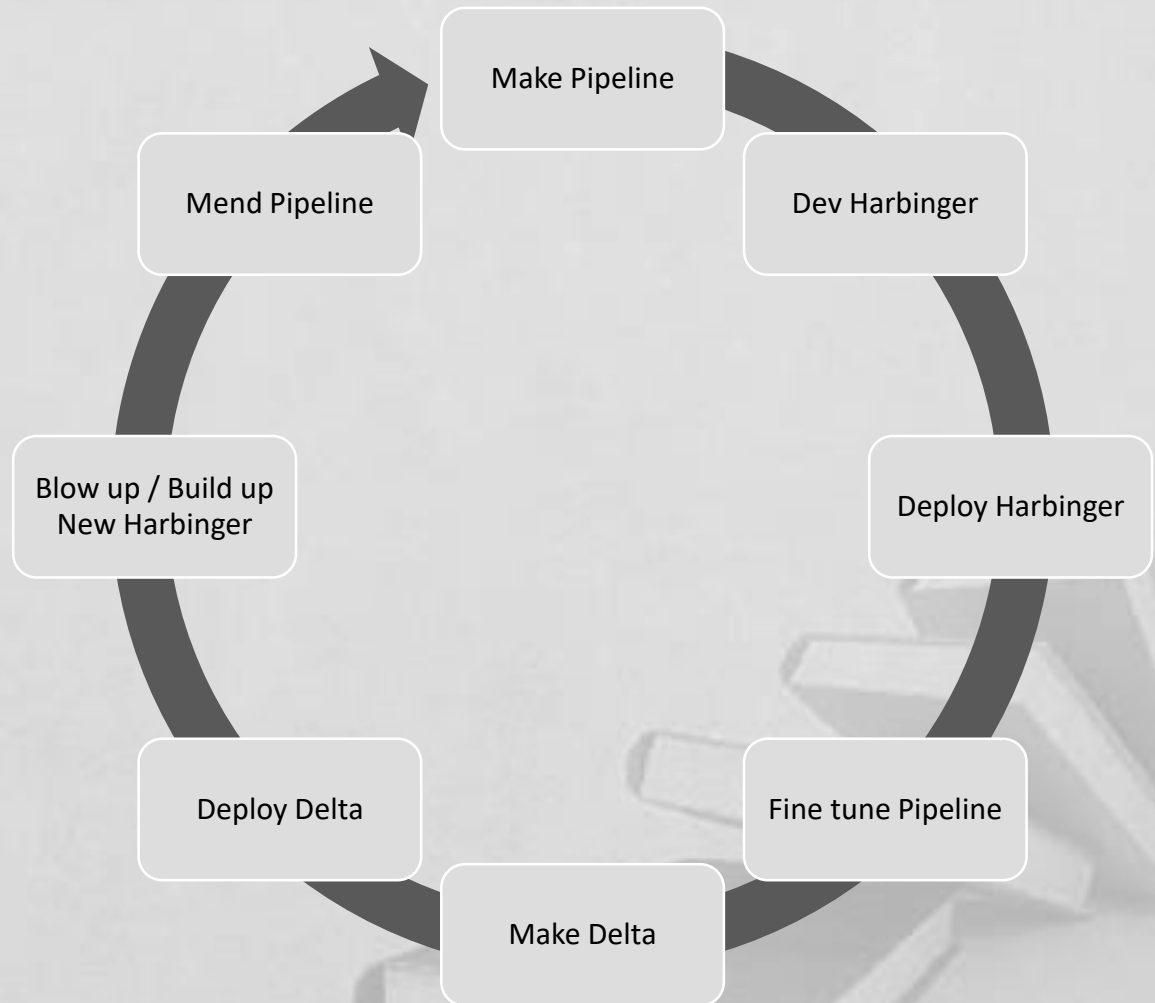
- <https://www.pmi.org/kasimage/d02f6879-07cb-4fc8-aaaa-b47d41dd16ea/img4.jpg>

Ops Lifecycle



- <https://blog.itil.org/wp-content/uploads/2012/05/ITIL-The-Big-Picture.png>

DevOps Lifecycle



Portfolio lifecycle

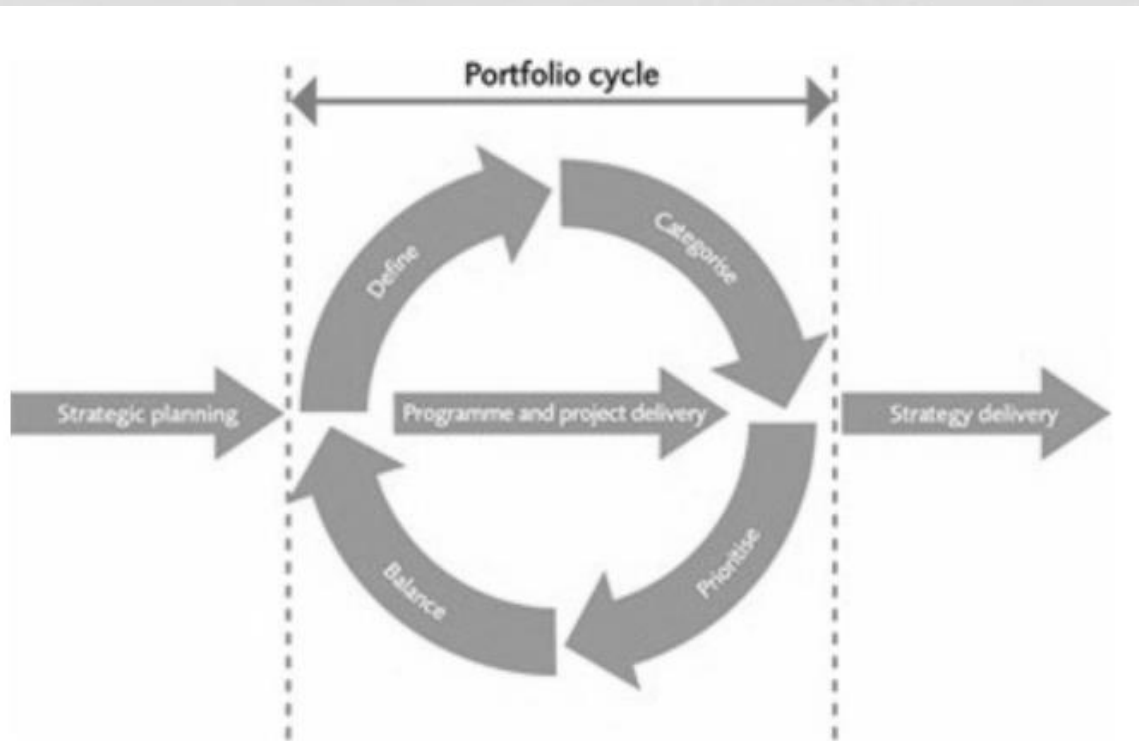
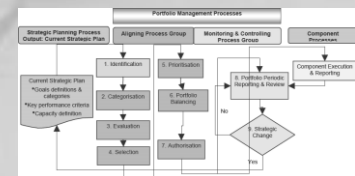


Figure 1.6: Portfolio life cycle

- <https://www.pmi.org/learning/library/project-portfolio-management-techniques-7624>
- <https://www.apm.org.uk/body-of-knowledge/context/governance/life-cycle/>

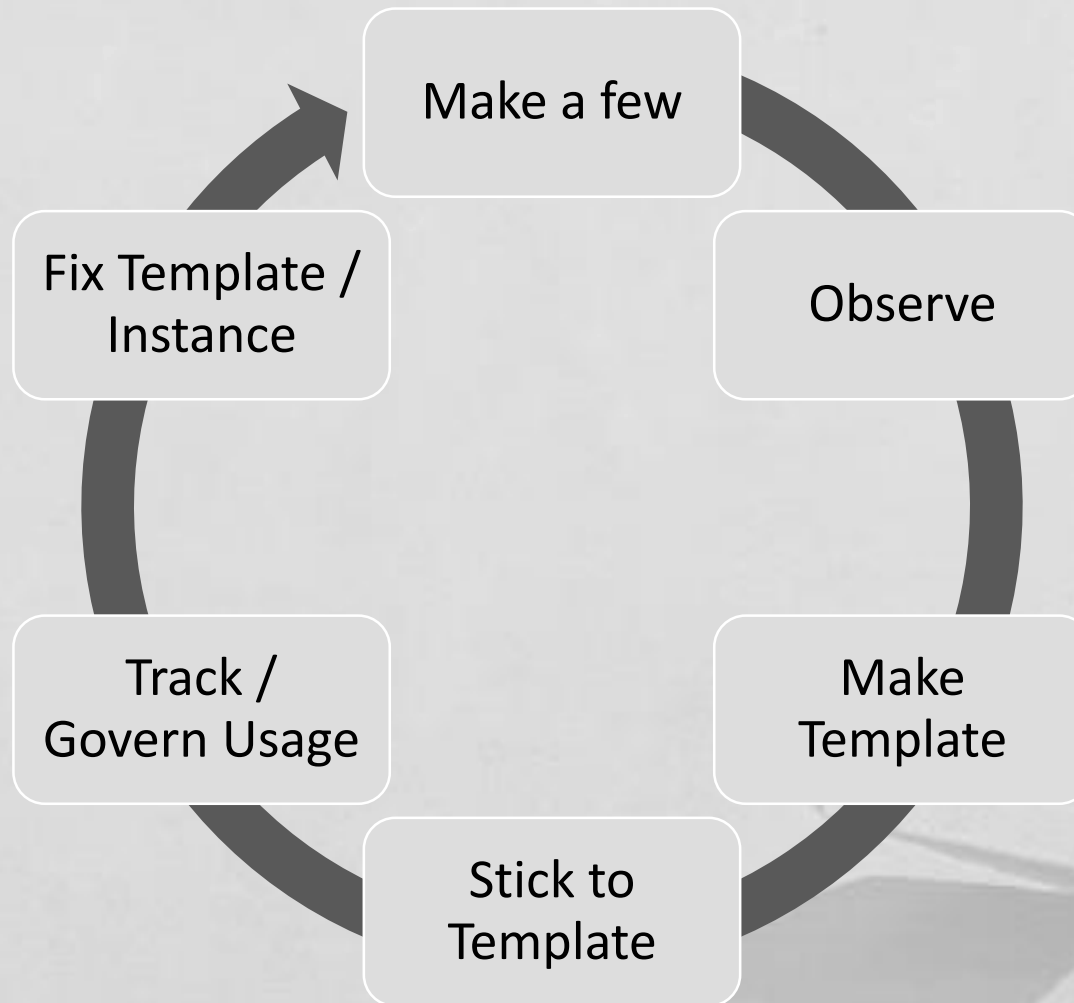


Program Lifecycle

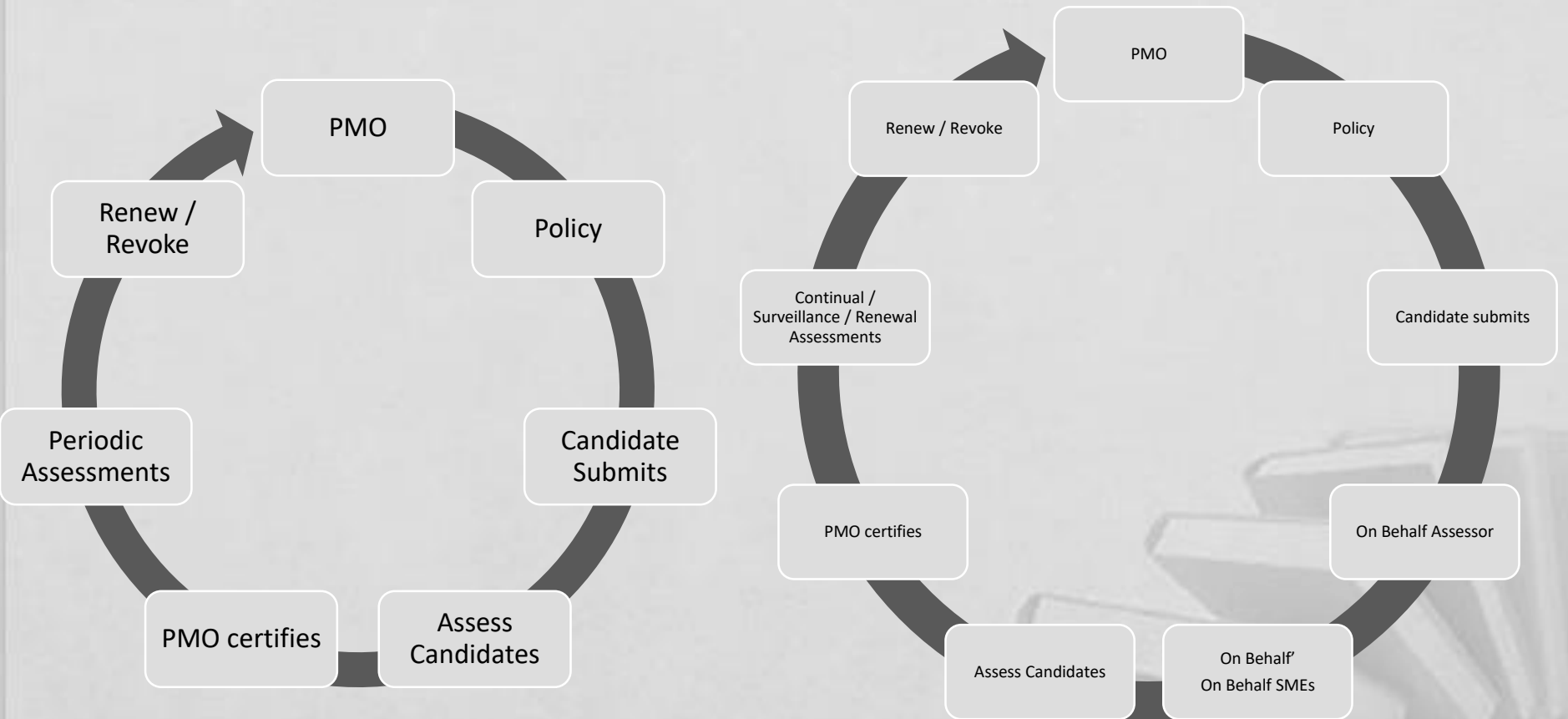


Figure 2: Program Life-Cycle (Adapted from: PMI, 2012 3rd Edition Exposure Draft)

System Knowledge Lifecycle



Compliance life cycle



Business Asset Lifecycle

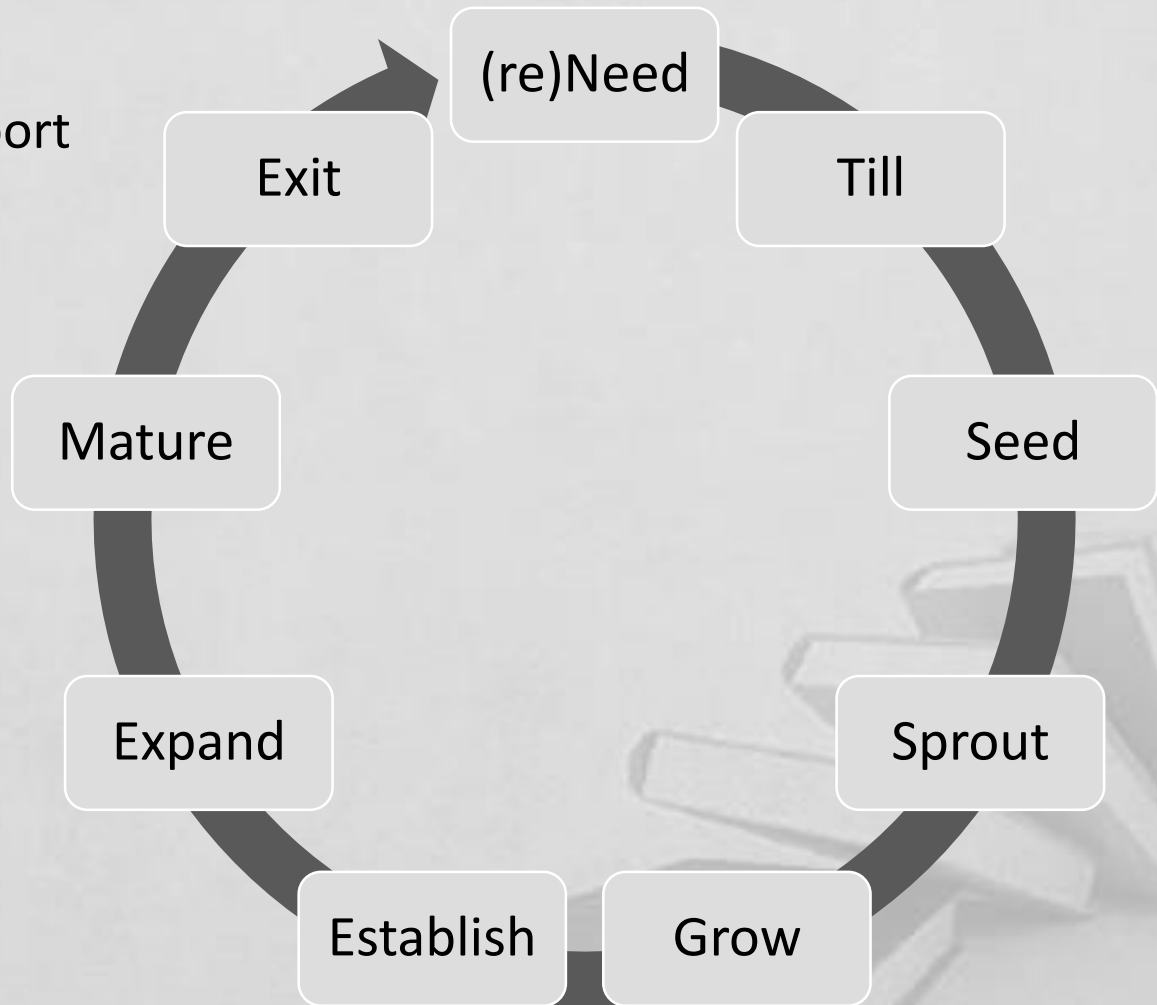


- <https://wikifinancepedia.com/investing/wealth-management/asset-management/asset-management-process-flow-chart-diagram-iti-it-asset-lifecycle-management-processes>



Business Service Lifecycle

- Services you support
- Services you use



Peace of Mind Where Art Thou!

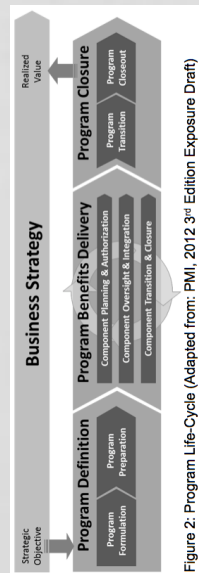
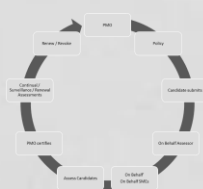


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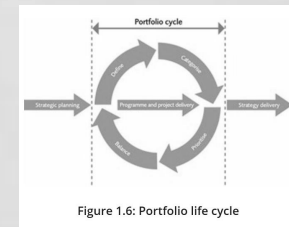
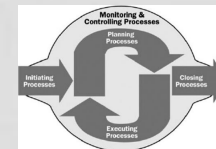
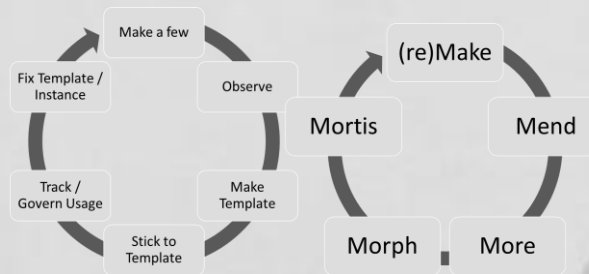
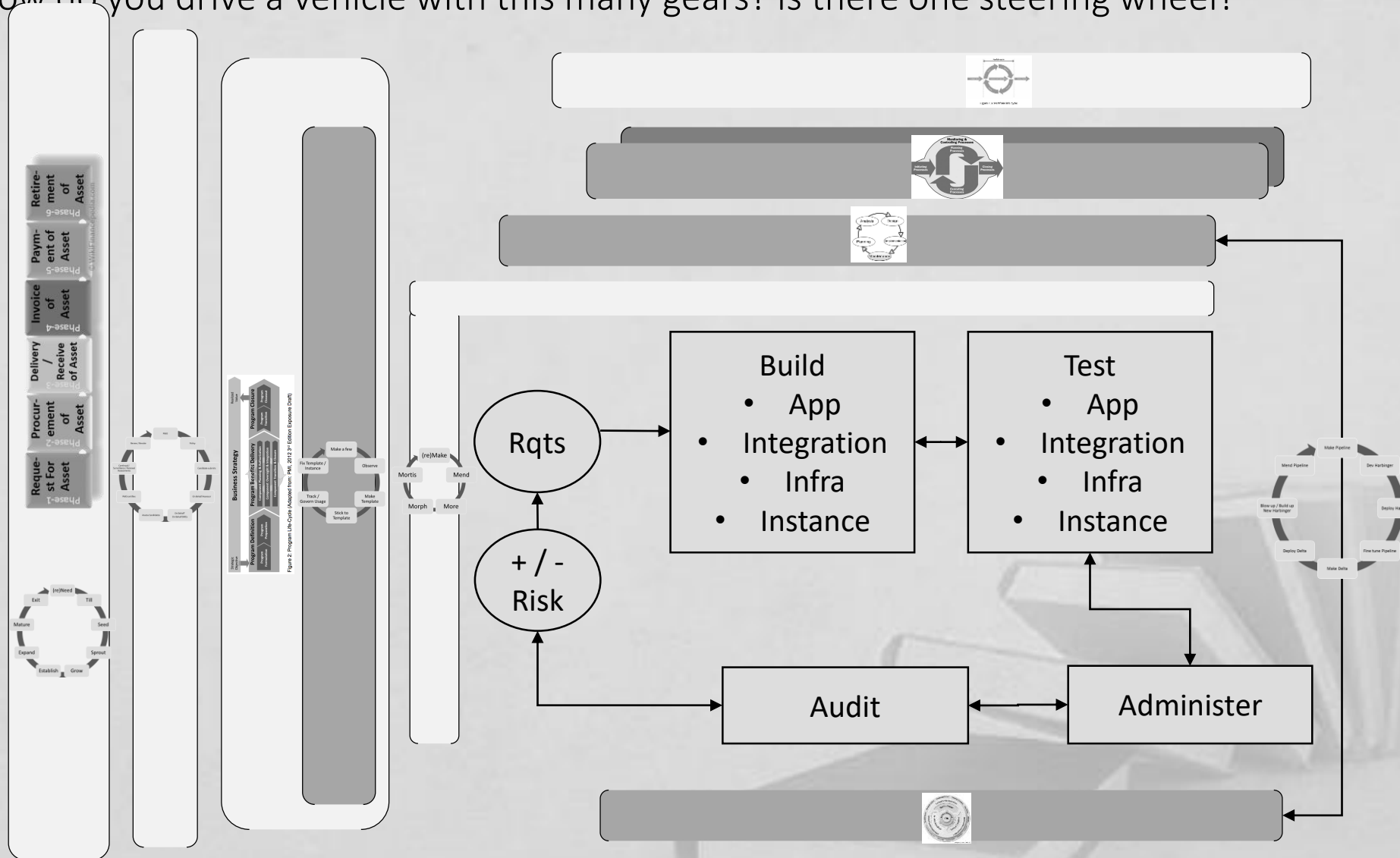


Figure 1.6: Portfolio life cycle



Lifecycles Impacting Security ©

How do you drive a vehicle with this many gears? Is there one steering wheel?



Lifecycles Impacting Security ©

