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

Security is like salt.

Right amount added at the right time <u>while cooking.</u>

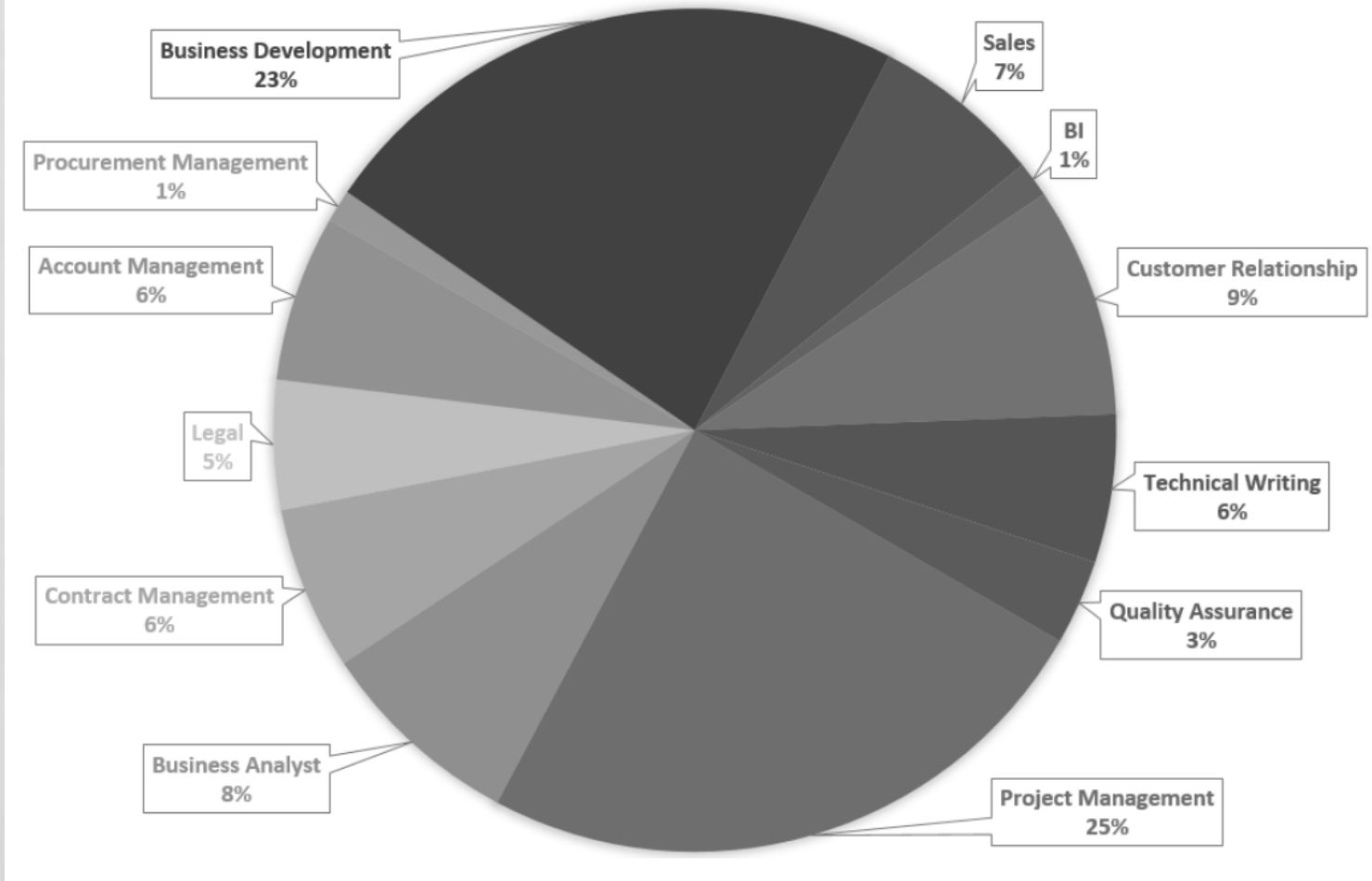Food relished, life not relinquished.

For latest presentation and associated survey forms please visit us at
https://banyanlogic.com/insights

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
- Human Centric / Design Think
  - Too little friction cannot move, too much friction cannot move
  - Generally too much friction is what aflicts processes

Stakeholders who influence Security

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

- Business Development 23%
- Sales 7%
- BI 1%
- Customer Relationship 9%
- Technical Writing 6%
- Quality Assurance 3%
- Project Management 25%
- Business Analyst 8%
- Contract Management 6%
- Legal 5%
- Account Management 6%
- Procurement Management 1%

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
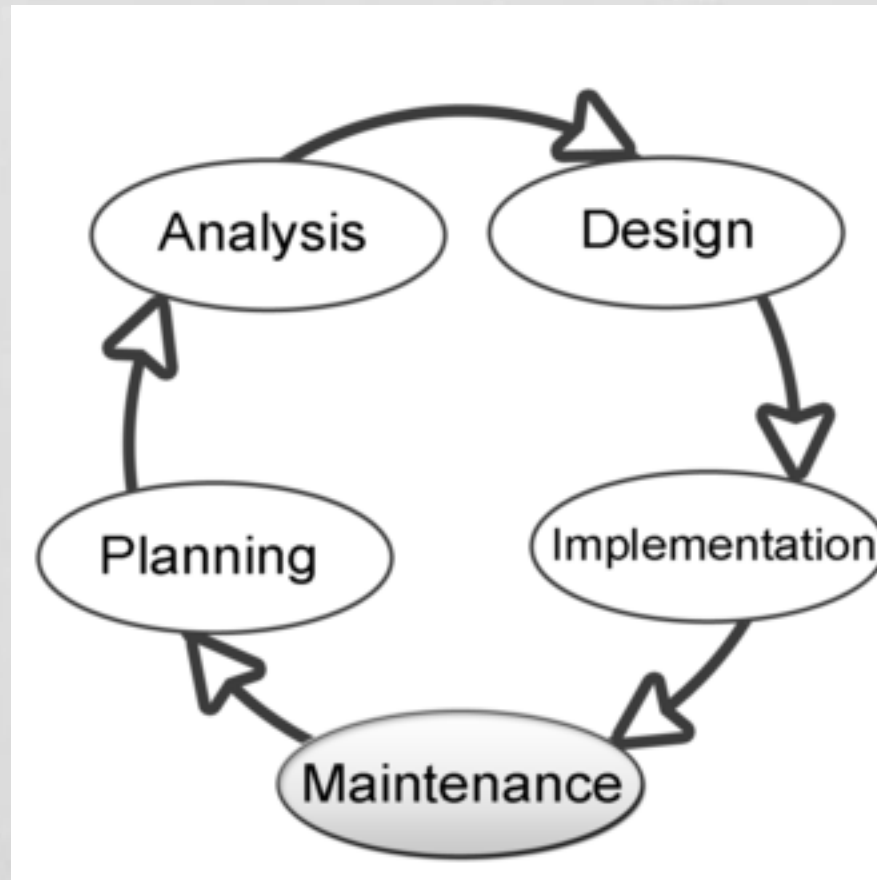
Lifecycles Impacting Security

© Srinivasa (Srini) Kasturi, srinikasturi@banyanlogic.com, www.banyanlogic.com
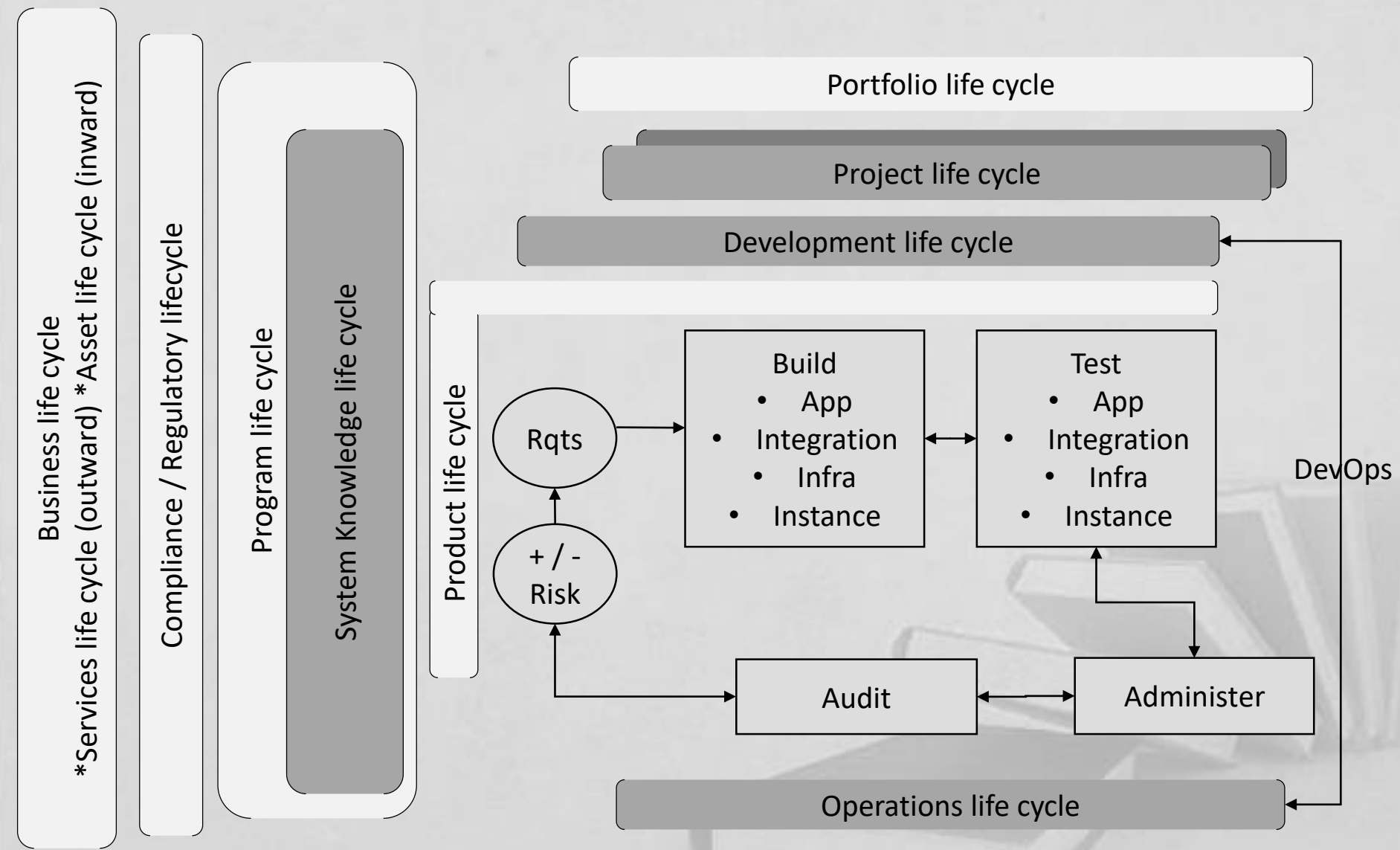
Lifecycle changes with perspective

- Line of Business (LOB) portfolio look like projects with a common risk signatory to you (security)
- Your program looks like part of a project to people in the 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.

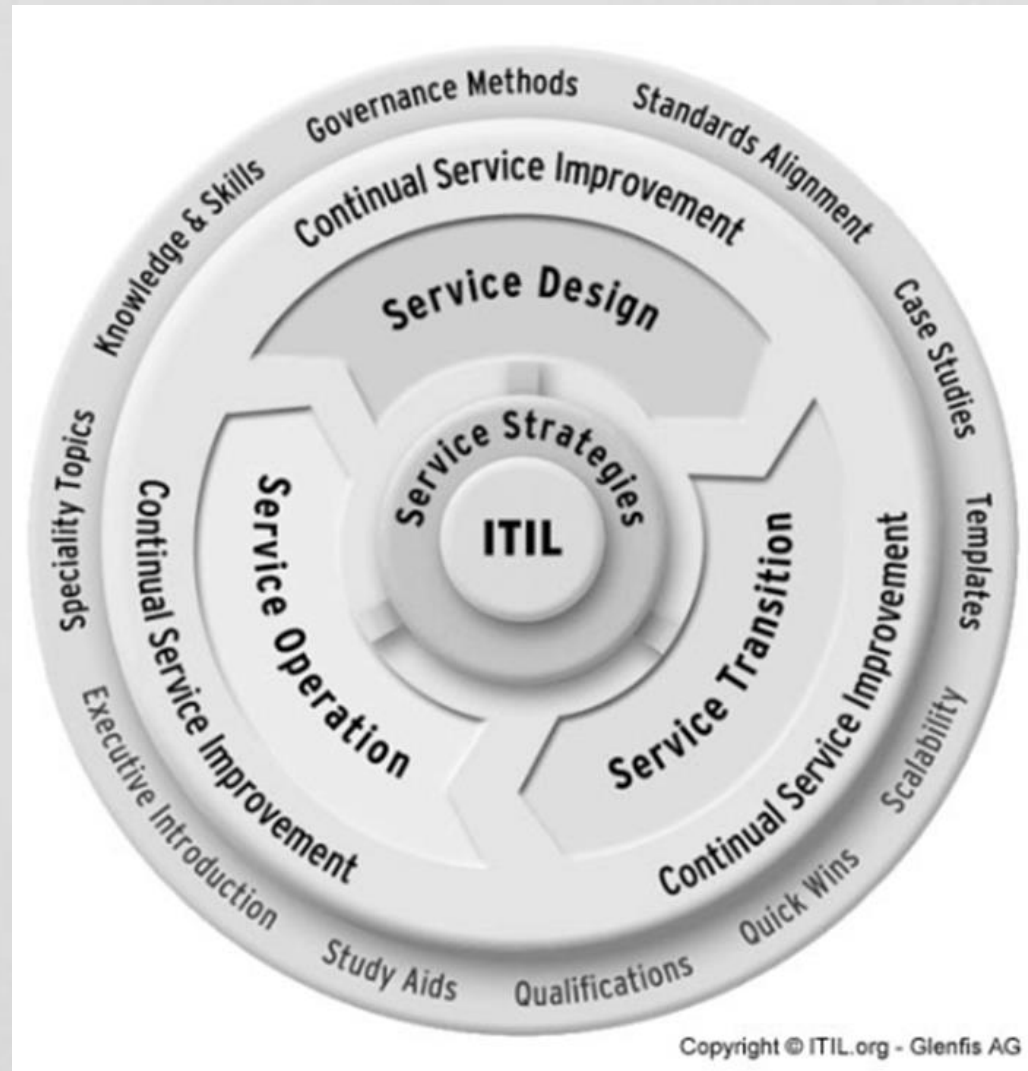# Product Lifecycle
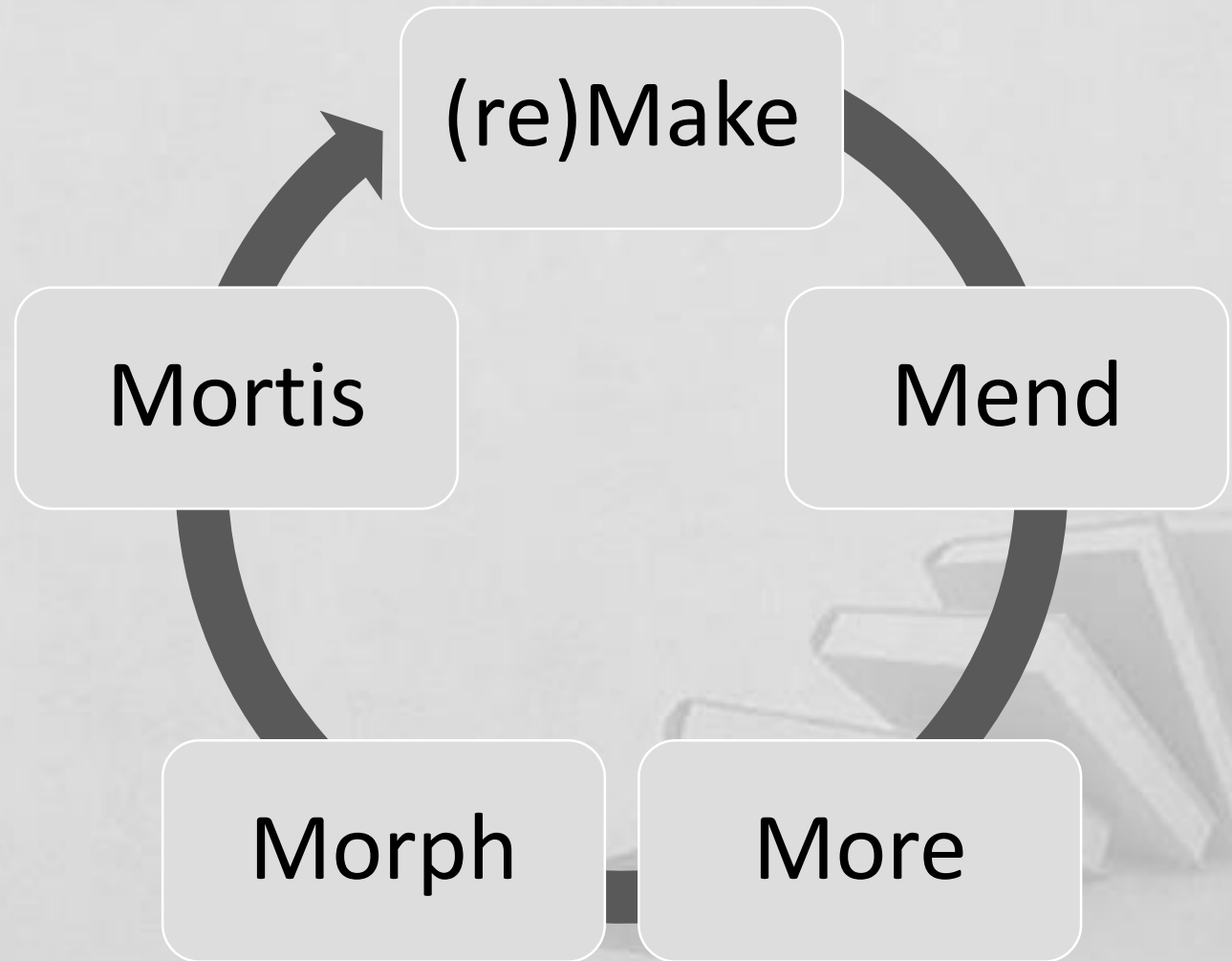
System Dev lifecycle

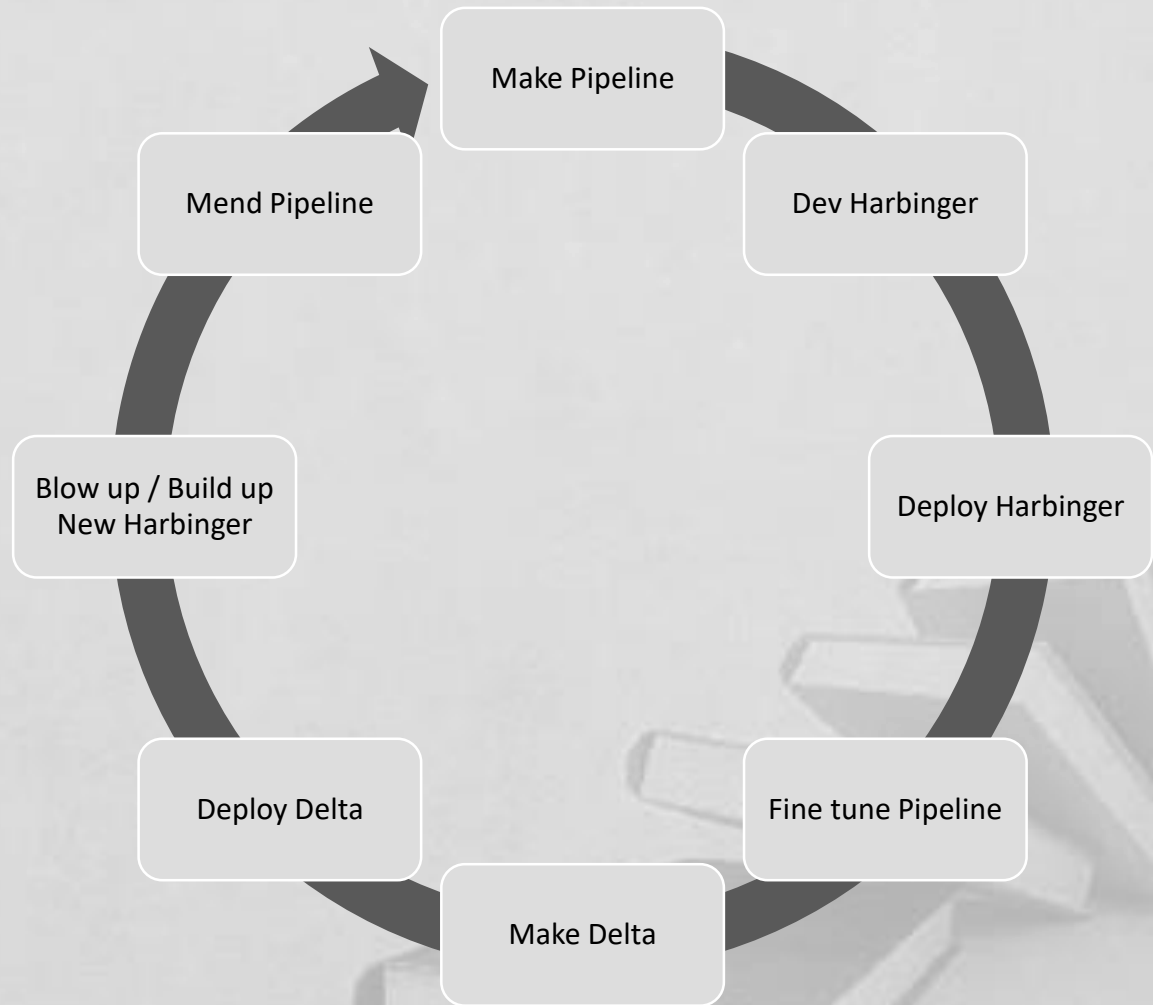- https://en.wikipedia.org/wiki/Systems_development_life_cycle

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
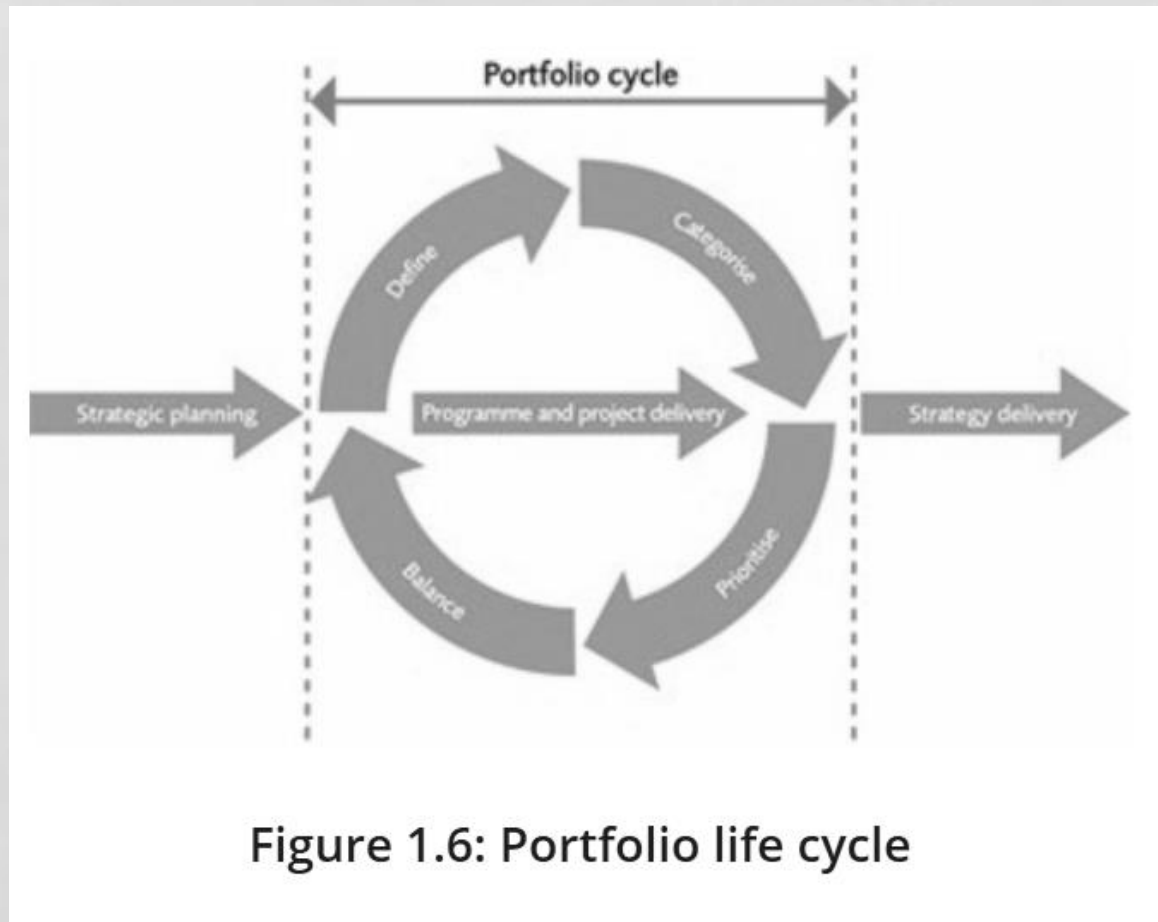
DevOps Lifecycle

Portfolio lifecycle

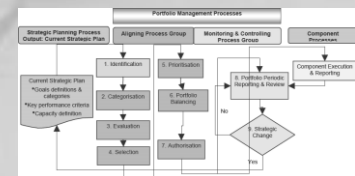Figure 1.6: Portfolio life cycle

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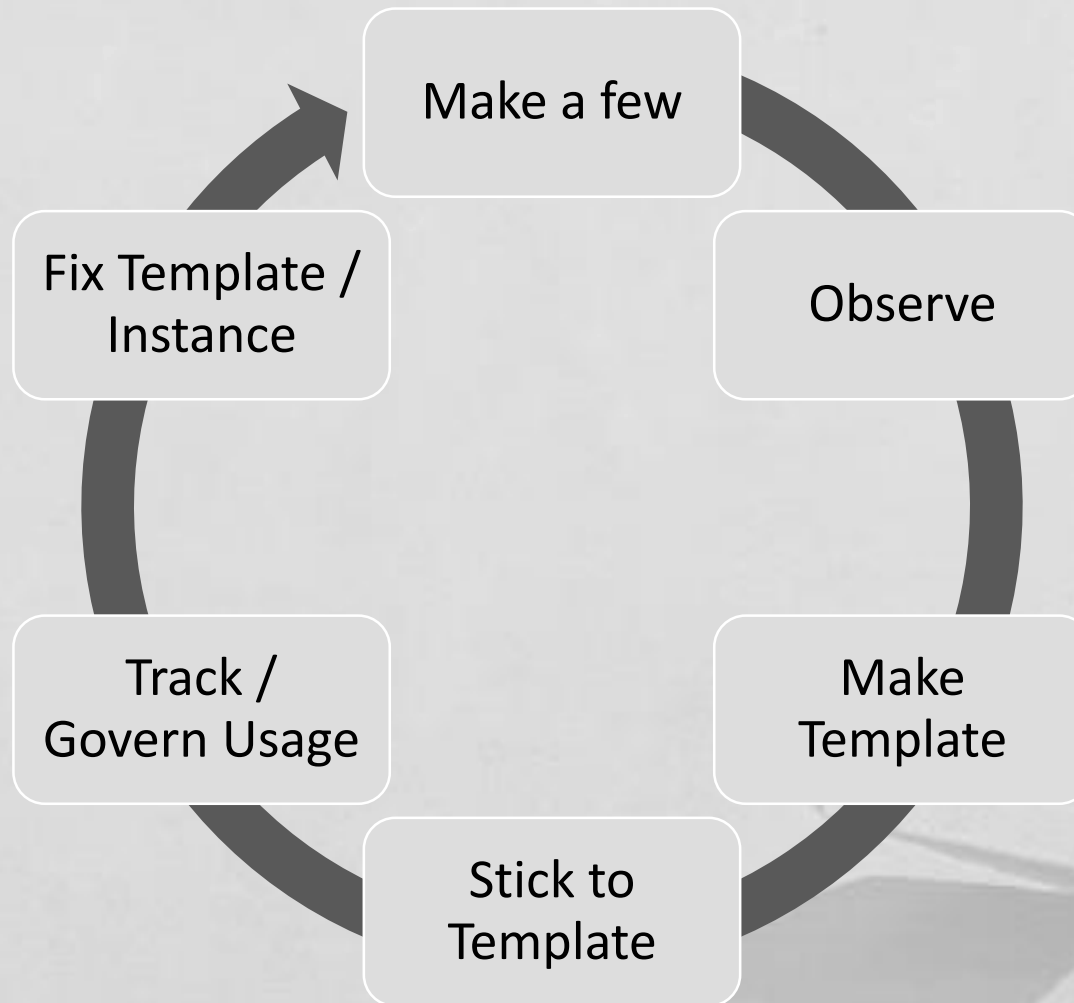- https://www.apm.org.uk/body-of-knowledge/context/governance/life-cycle/
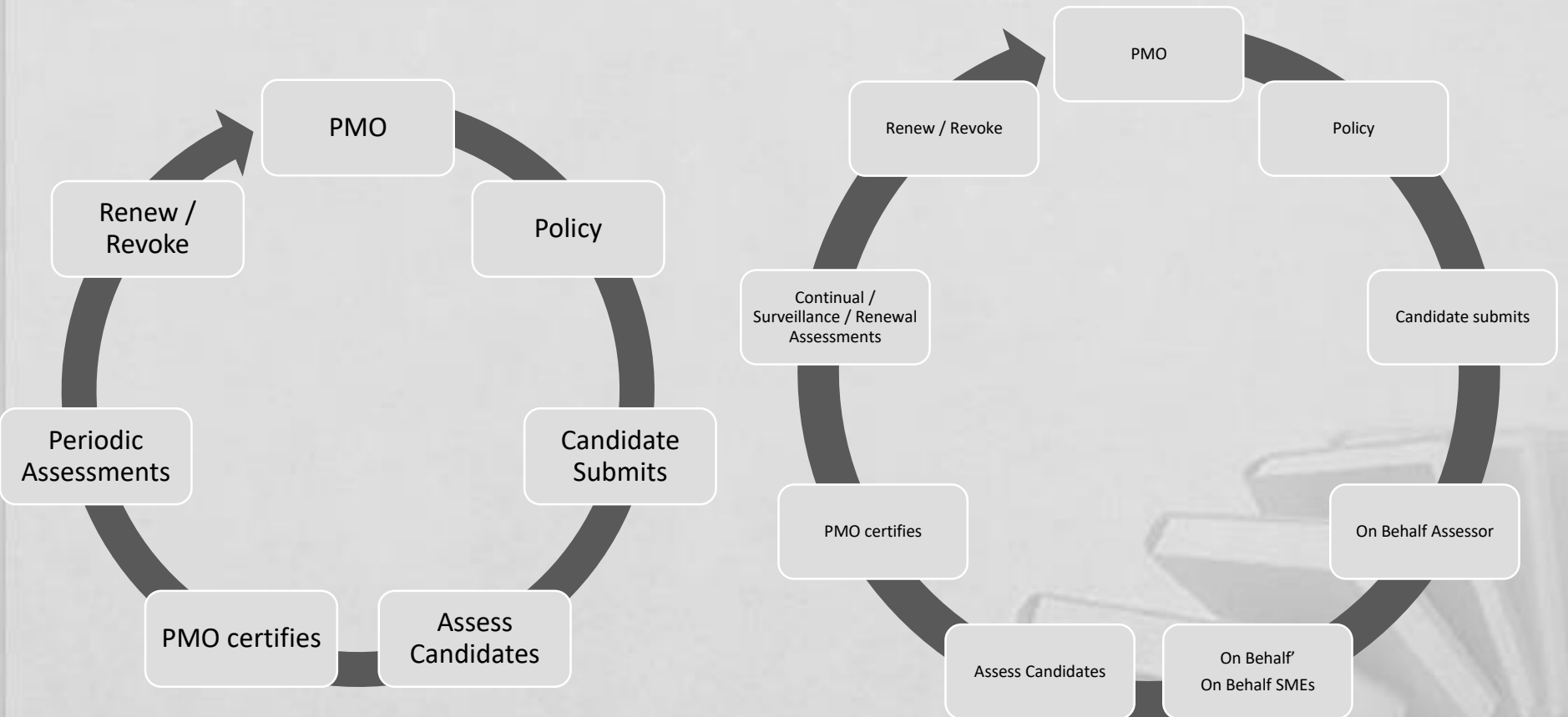
Program Lifecycle

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

http://projectmanager.com.au/wp-content/uploads/2012/05/Thiry_Pgmt2.png

System Knowledge Lifecycle

- Make a few
- Observe
- Make Template
- Stick to Template
- Track / Govern Usage
- Fix Template / Instance

Compliance life cycle

Business Asset Lifecycle

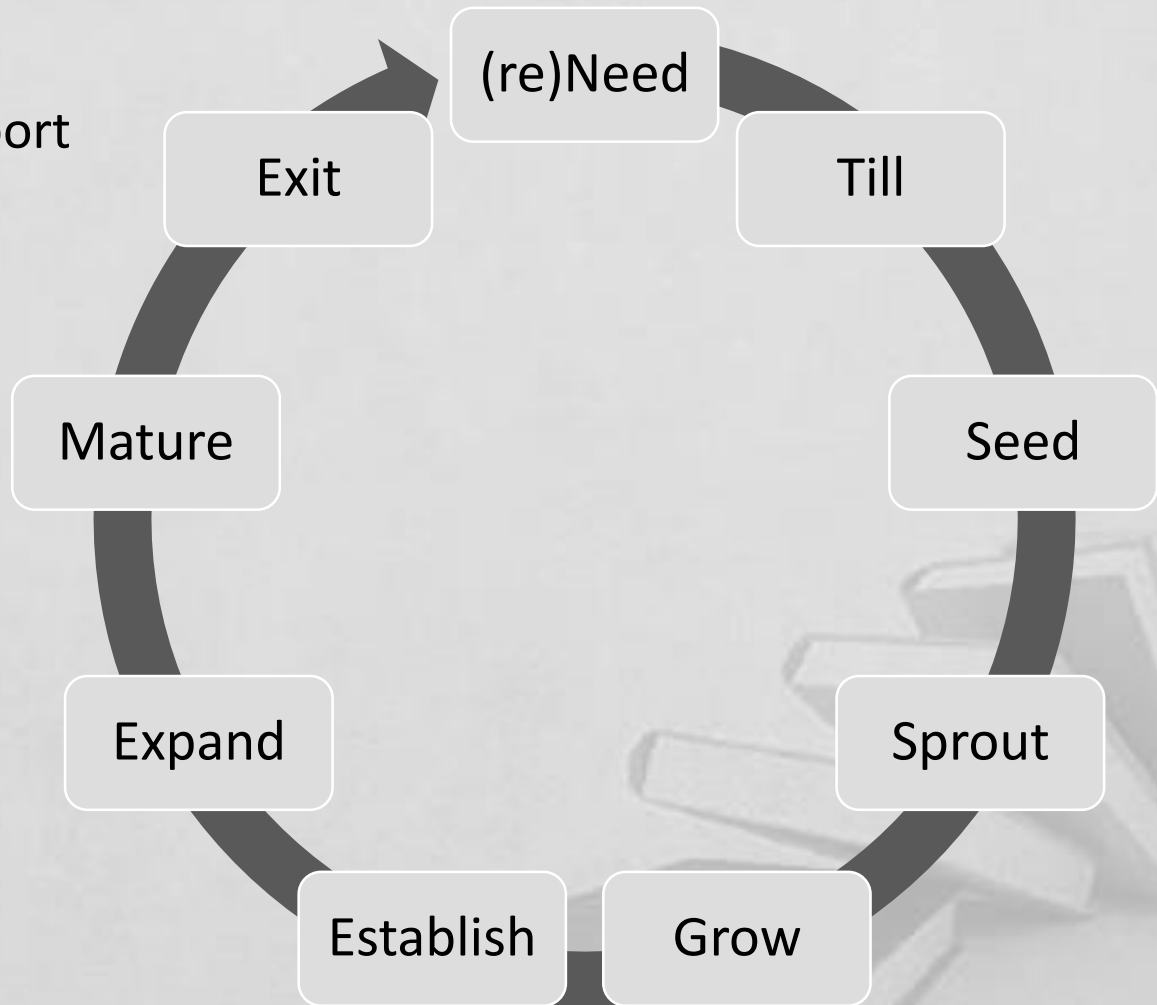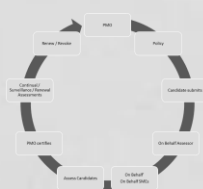| Phase-1	Phase-2	Phase-3	Phase-4	Phase-5	Phase-6
Reque-st For Asset	Procur-ement of Asset	Delivery / Receive of Asset	Invoice of Asset	Paym-ent of Asset	Retire-ment of Asset

© WikiFinancepedia.com

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

Business Service Lifecycle

- Services you support
- Services you use

(re)Need → Till → Seed → Sprout → Grow → Establish → Expand → Mature → Exit → (re)Need

Peace of Mind Where Art Thou!

Lifecycles Impacting Security ©

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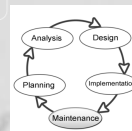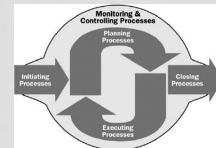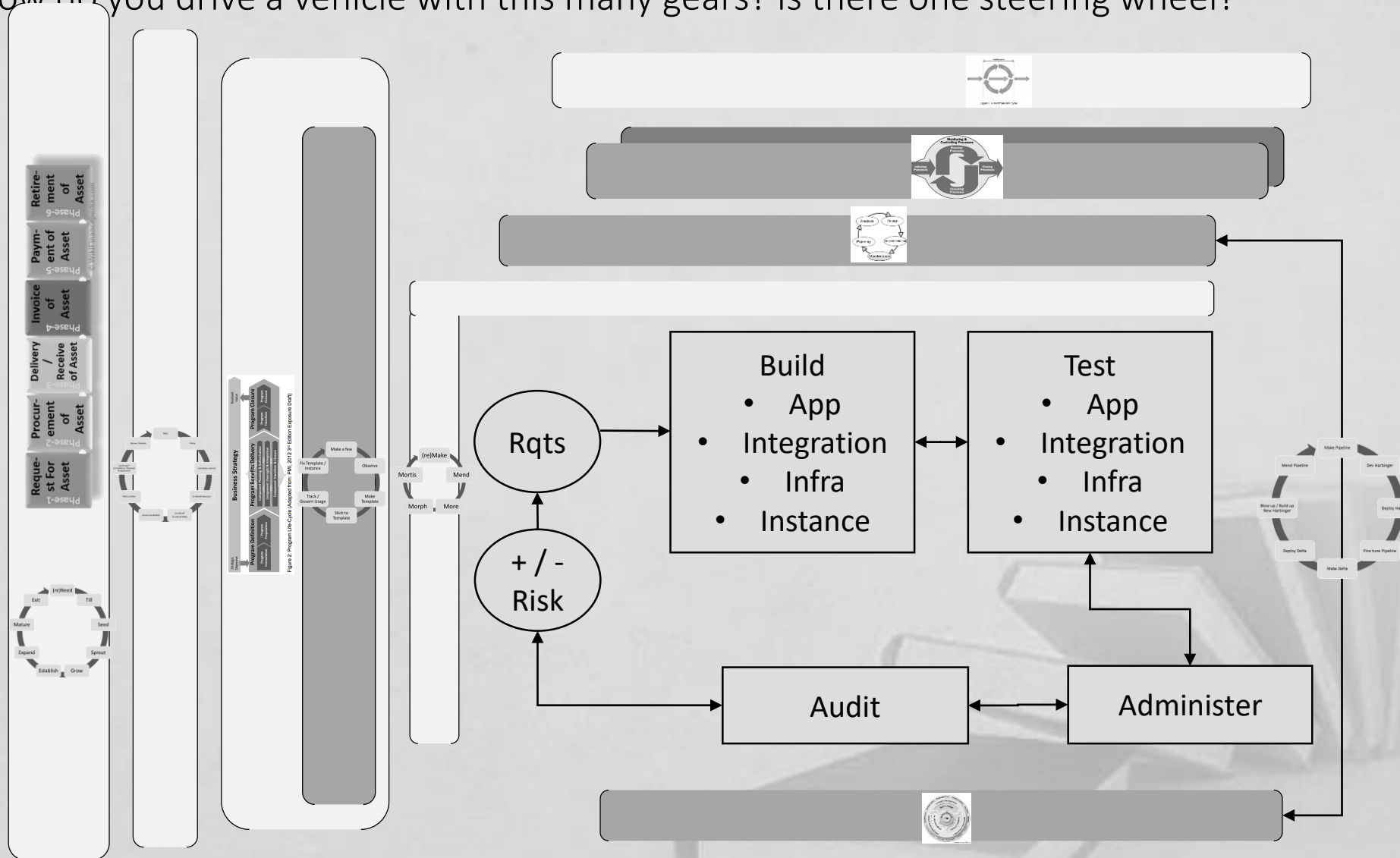

Rqts

+ / - Risk

Build
- App
- Integration
- Infra
- Instance

Test
- App
- Integration
- Infra
- Instance

Audit

Administer

Lifecycles Impacting Security ©

Business life cycle (Risk)
*Services life cycle **(Burst)** *Asset life cycle **(Drift)**

Compliance / Regulatory lifecycle **(Continuous change)**

Program life cycle (**CSF**) **(Effectiveness)**

System Knowledge life cycle **(Obsolescence)**

Product life cycle **(Continuity)**

Portfolio life cycle **(Efficiency)**

Project life cycle (**RMF**) **(Scope)**

Development life cycle **(Cost)**

Rqts

+ / - Risk

Build
- App
- Integration
- Infra
- Instance

Test
- App
- Integration
- Infra
- Instance

DevOps **(Speed and Del ta)**

Audit

Administer

Operations life cycle **(Prep)**