

INFORMATION TECHNOLOGY SERVICES



BCIT Technology Lifecycle Taxonomy

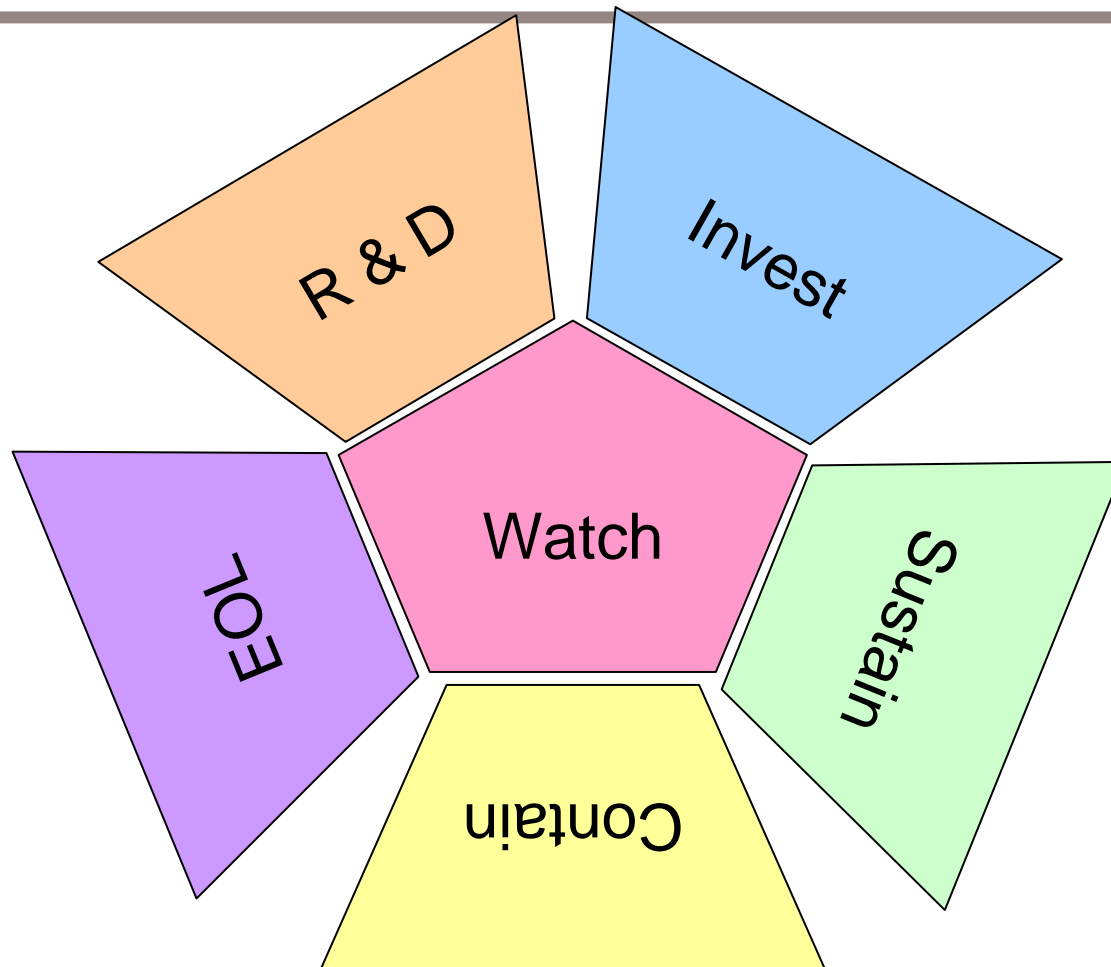
Leo de Sousa

Manager, Business Application Services & Enterprise Architect

British Columbia Institute of Technology



Technology Lifecycle



Technology Lifecycle Definitions

Watching (W):

- includes initiatives and technologies that are being watched for maturity in industry.
- We have analysts dedicated to being Technology Watchers for our key vendor technologies – must spend 1 day per month watching their technologies
- Work done in this area – reading (lots of it) – whitepapers, blogs, attending conferences, participating in communities of practice like ITANA
- No investments in infrastructure happens at this stage

Technology Lifecycle Definitions

Research and Development (R):

- includes initiatives and technologies that are currently under consideration, investigation, or evaluation for future implementation.
- As we work on new technologies, identifying that they are in an R&D stage allows us to be disciplined and assess the value based on a set of criteria

Technology Lifecycle Definitions

Investing (I):

- includes initiatives and technologies that are the target of resources including financial investments and/or investments of human resources.
- Technology that has passed the R&D stage successfully moves into project mode
- We make a formal decision to adopt/implement a new technology at this stage
- The intent is to move this service into the Sustaining stage to deliver core services to BCIT

Technology Lifecycle Definitions

Sustaining (S):

- includes initiatives and technologies that deliver services identified in the Core Services Catalogue or in Service Level Agreements.
- Technology in this stage delivers the core services to our community
- Sustaining this using patches, upgrades, etc are expected and communicated to our community

Technology Lifecycle Definitions

Containing (C):

- includes initiatives that have been completed and technologies that are in the process of being phased out.
- At some point, a particular technology becomes outdated or a particular technology is not funded for support, this is a warning flag in our architecture
- Technologies in this stage, need a plan to be retired and an R&D plan to find a new technology to deliver the service

Technology Lifecycle Definitions

End of Life (E):

- includes initiatives and Technologies that are retired from service.
- At this point, the technology is removed from our Enterprise Architecture and the service is removed from our Core Services Catalogue