



# KNOWLEDGE SHARING

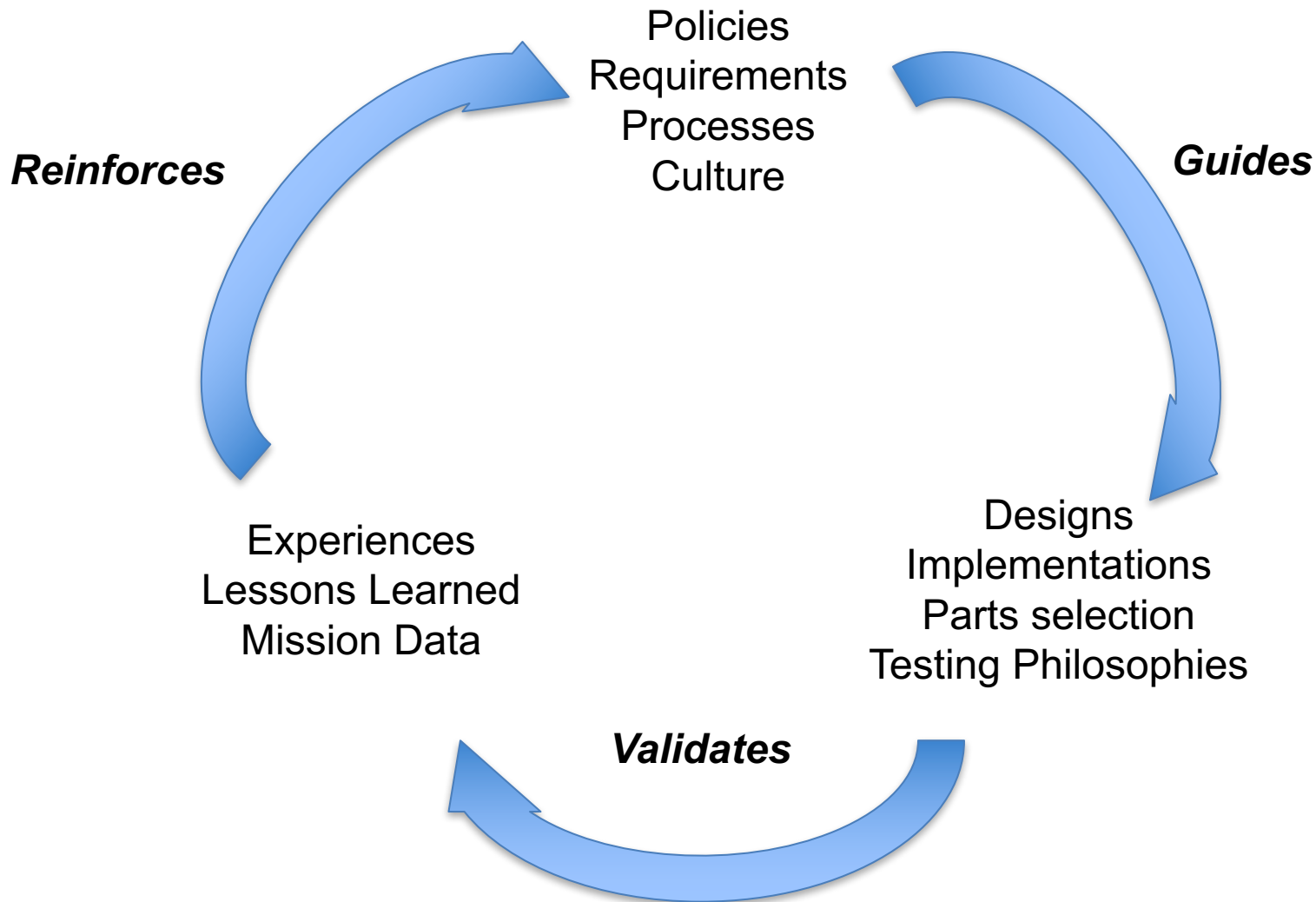
## SS RELIABILITY TIM

October 2017





# Virtuous Cycle



*Approach holistically*



# Challenges and Mitigations

Activity	Challenge	Mitigations
Capture	Reluctance to share Embarrassment factor Competitive concerns	De-attribute when possible Approach academically Mandate compliance All contribute equally Incentivize contributions
Organize	Unclear root cause Multiple contributing factors Difficult to interpret	Use third party SMEs Standardize methods Basic Research
Communicate	Moving too fast to listen Push or Pull? Method of communication	Easily available Integrate into best practice(s) Standardized language Broadcast widely
Adopt	Hard to integrate into culture Lack of formalization Unsure of added value/ROI	Mandate from above Absorb organically Competitive advantage Highlight benefits/successes



# S<sup>3</sup>VI Strategy



Promoting innovation and exploration of new concepts by establishing effective conduits for the exchange of information.



## Engage

Small Spacecraft Body of Knowledge



## Share

Small Spacecraft State of the Art & Technical Databases

## Small Spacecraft Systems Virtual Institute



## Collaborate

Working Groups, Partnership Opportunities



## Launch

Launch Portal

Jointly Sponsored by the Space Technology Mission Directorate and the Science Mission Directorate