



Operationalizing Positive Culture in Aerospace Manufacturing

Using CAST, Systems Engineering Principles and Human Factors Methods

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What creates an unacceptable safety culture?

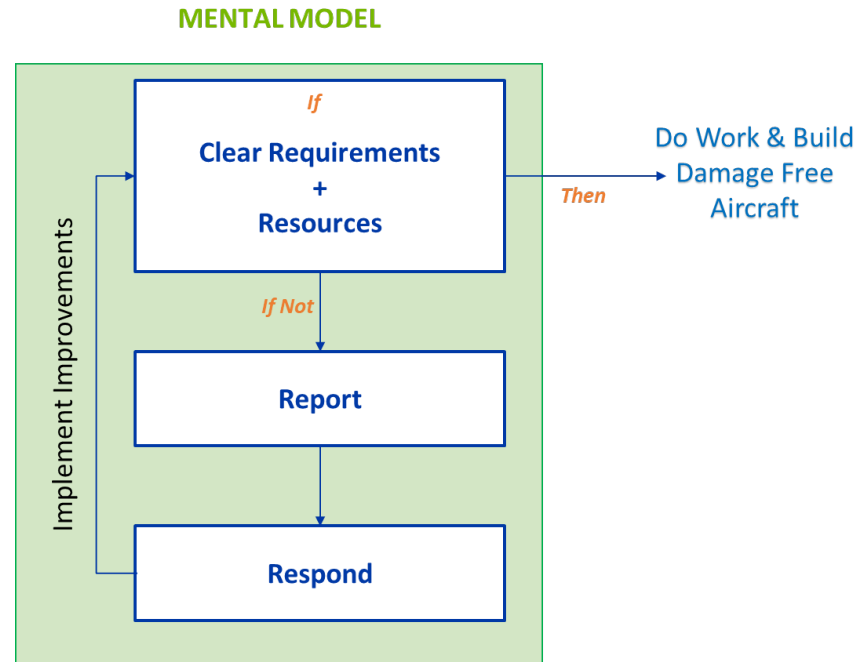


“Every system is perfectly designed to get the results it gets.” – W. Edwards Deming

Safety Culture & Aircraft Damage Prevention

Objective: Prevent Aircraft Damage

To prevent aircraft damage, we need to strengthen our culture.



How can we strengthen our culture?

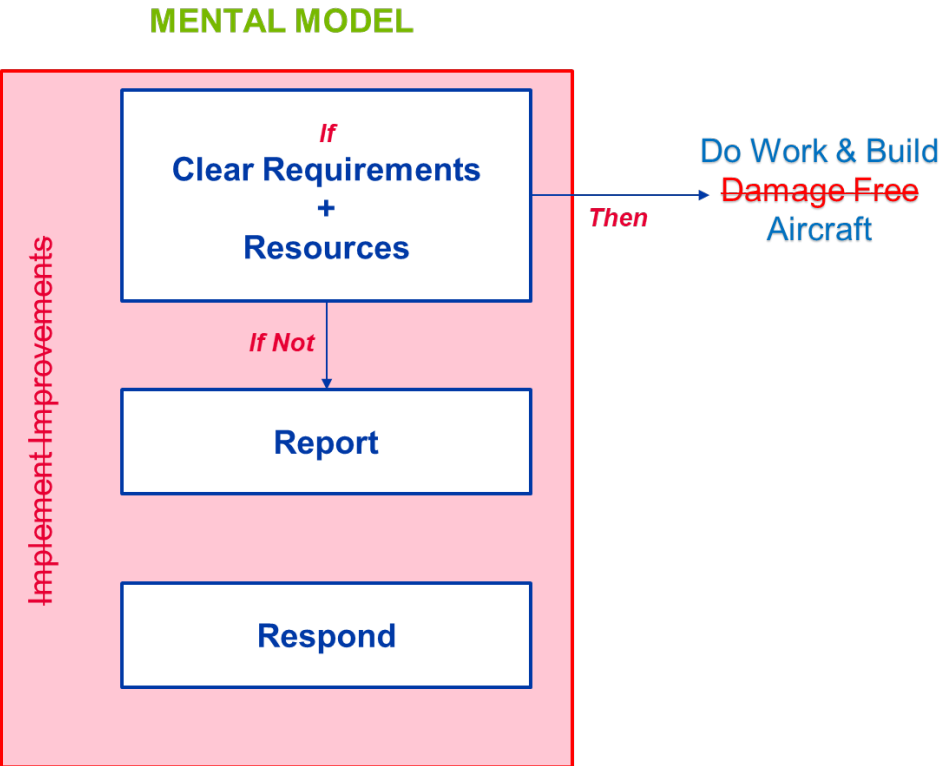
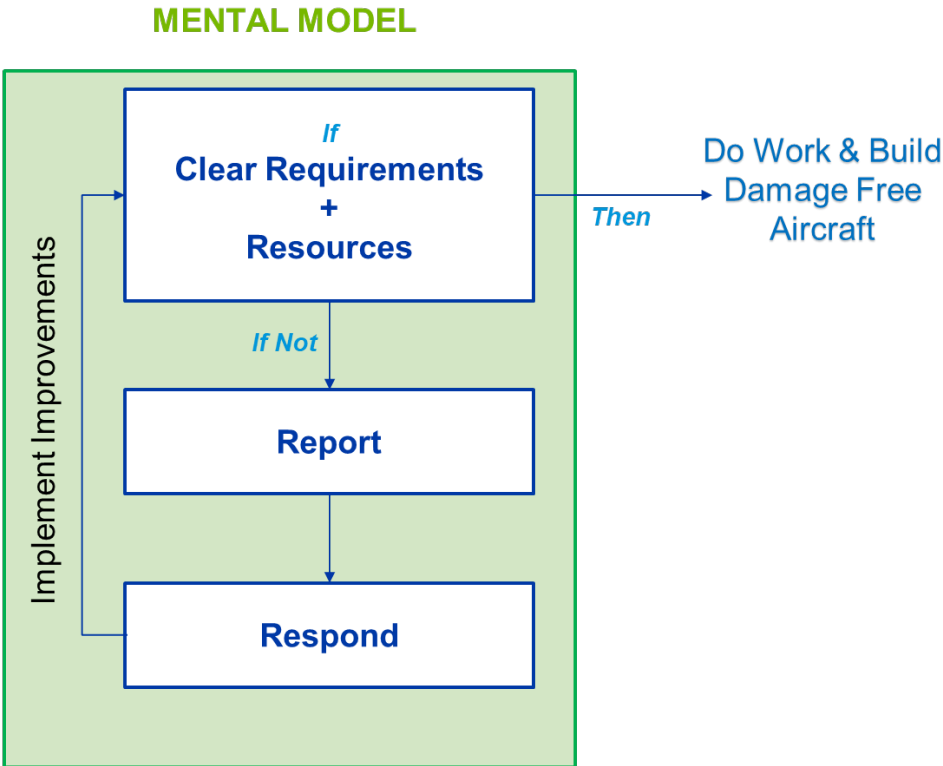
Our people know how to be compliant → **Clear requirements for compliance**

Our people have what they need to be compliant → **Equipped for compliance**

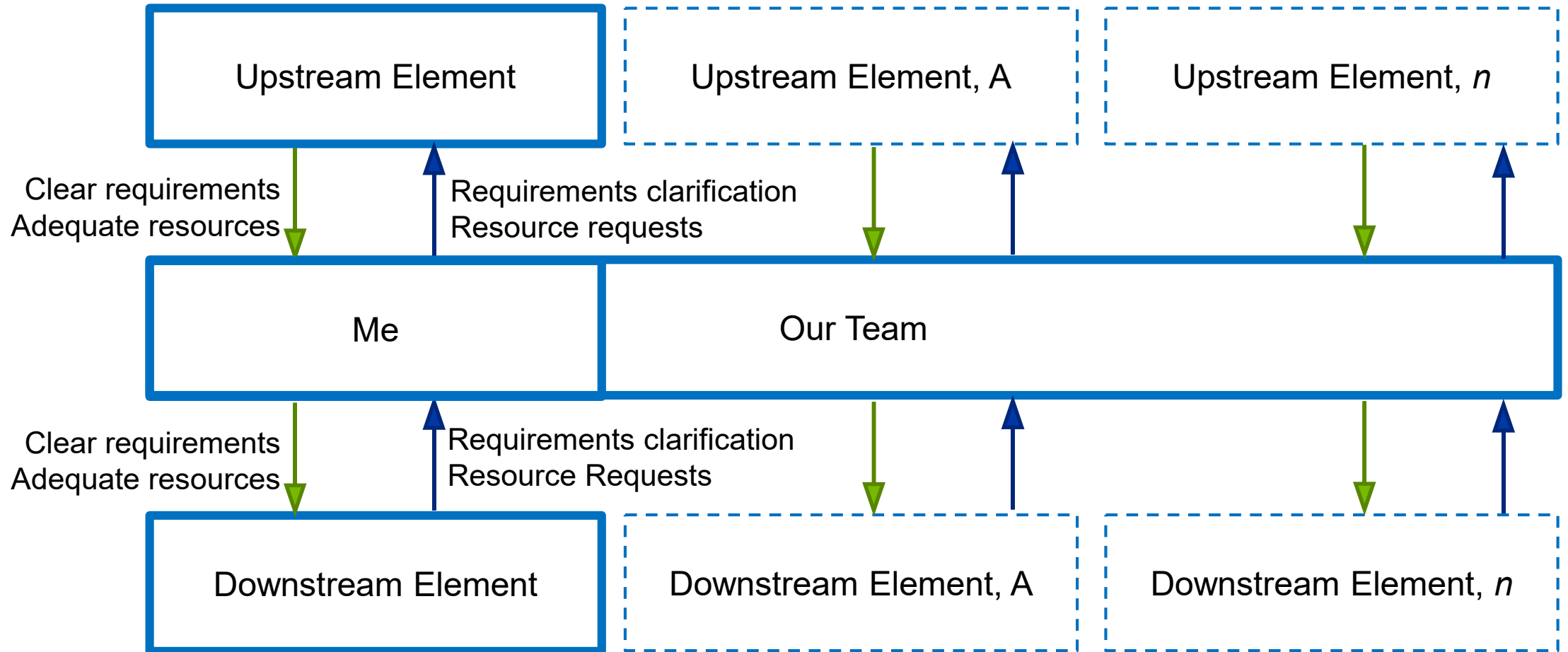
Our people can report back on lack of compliance → **Report compliance deviance**

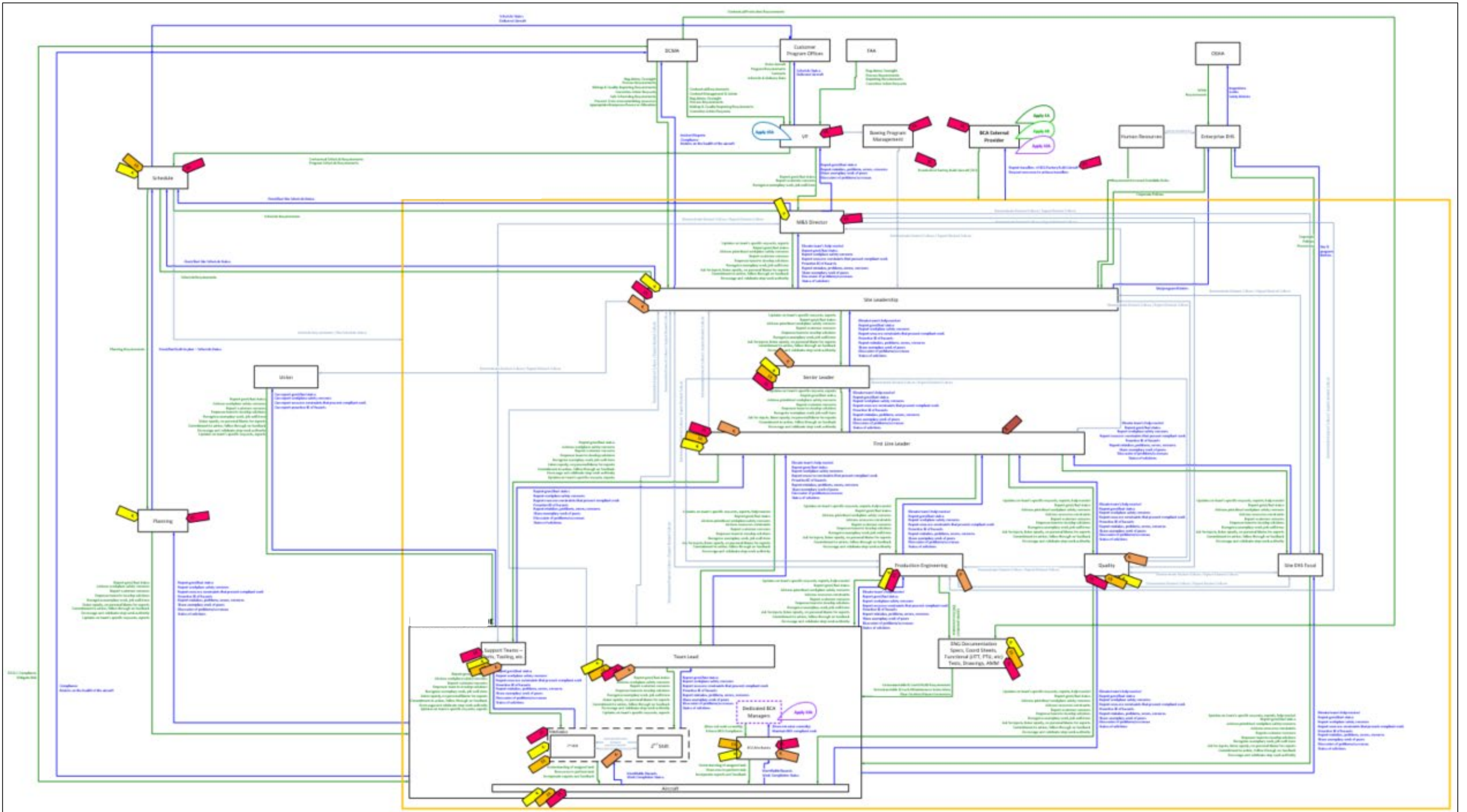
Our people can analyze and implement changes → **Analyze and implement improvements**

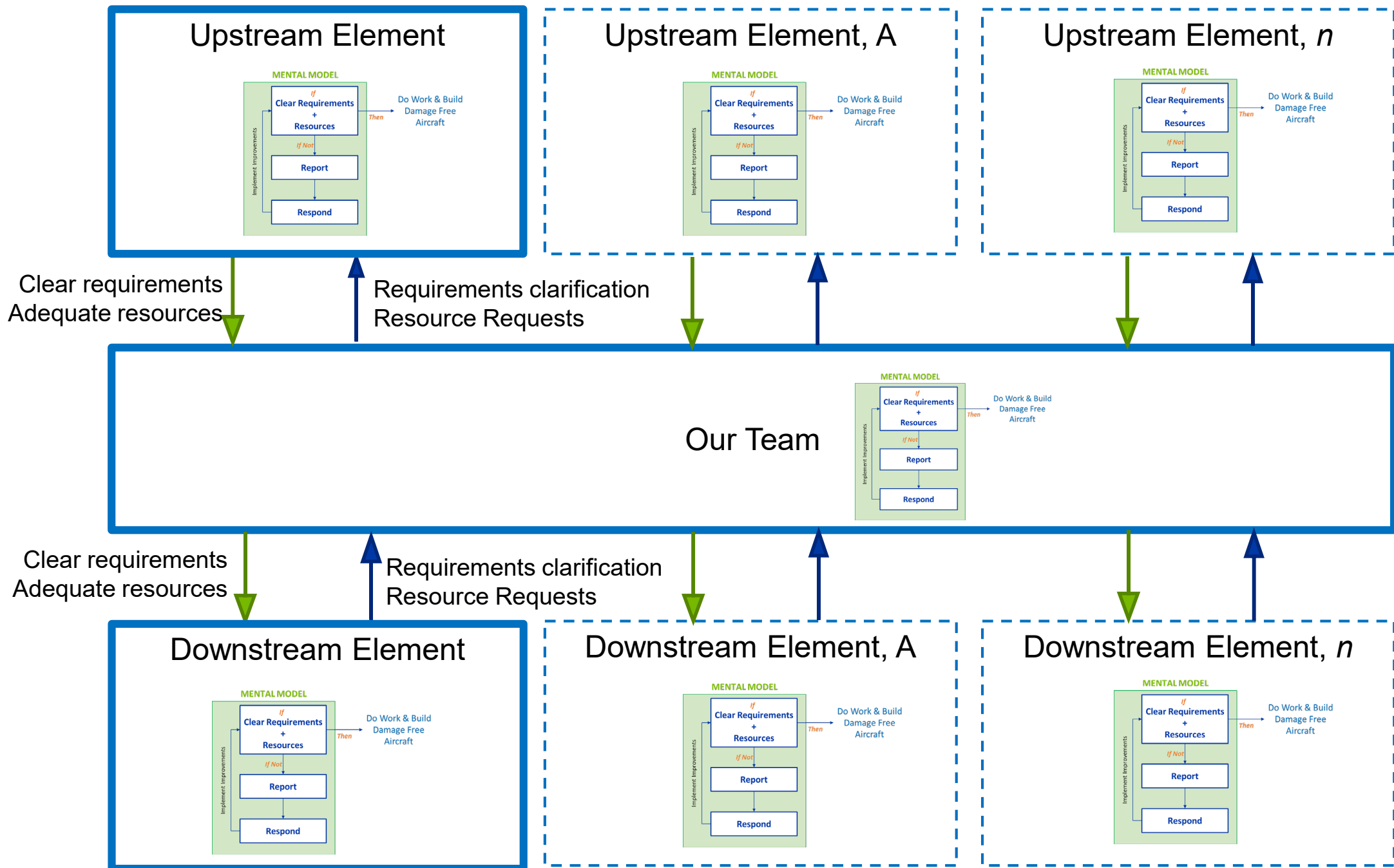
Desired Culture vs. Current Culture



Desired Culture Simplified Control Structure Model







Thank you!