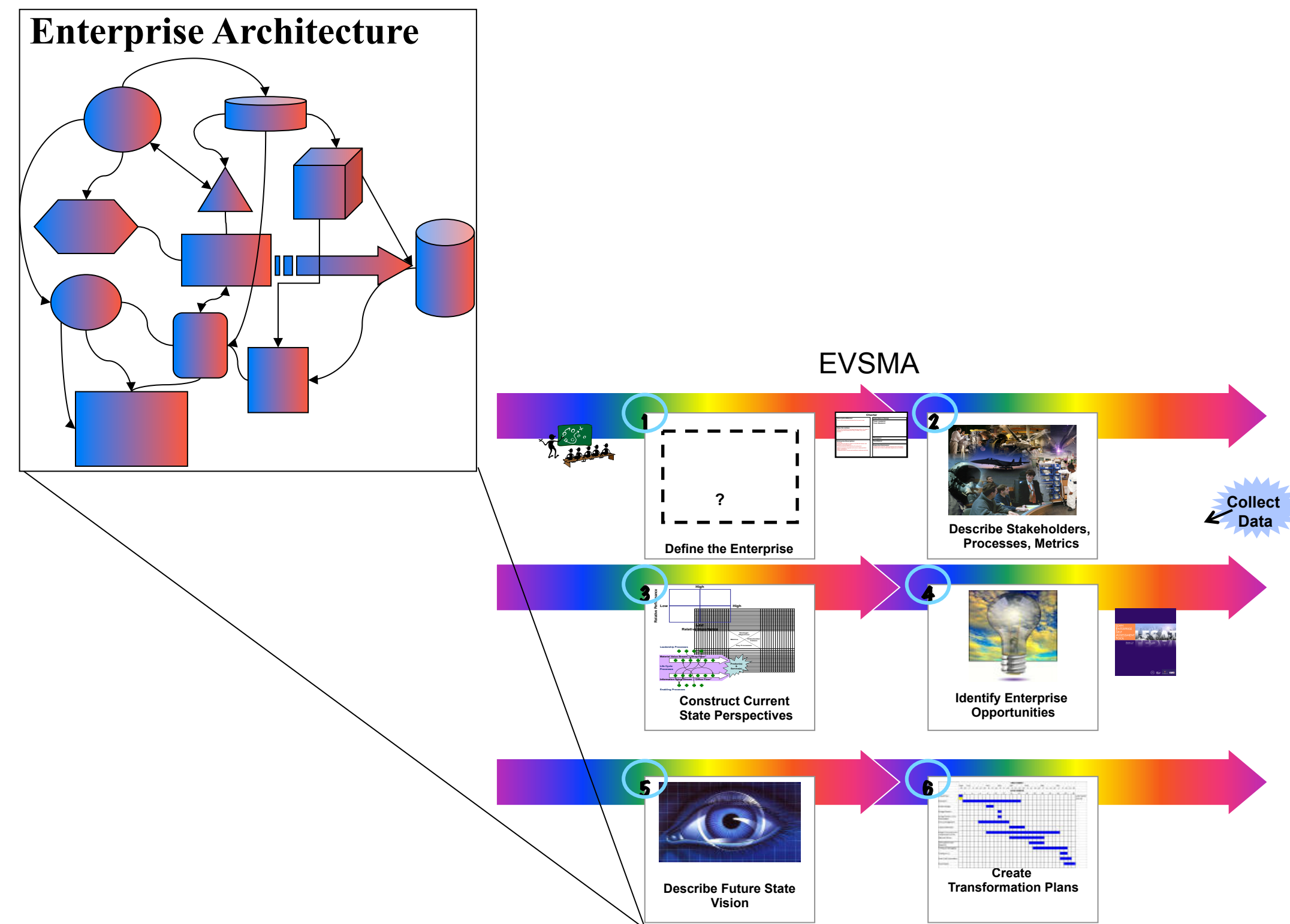


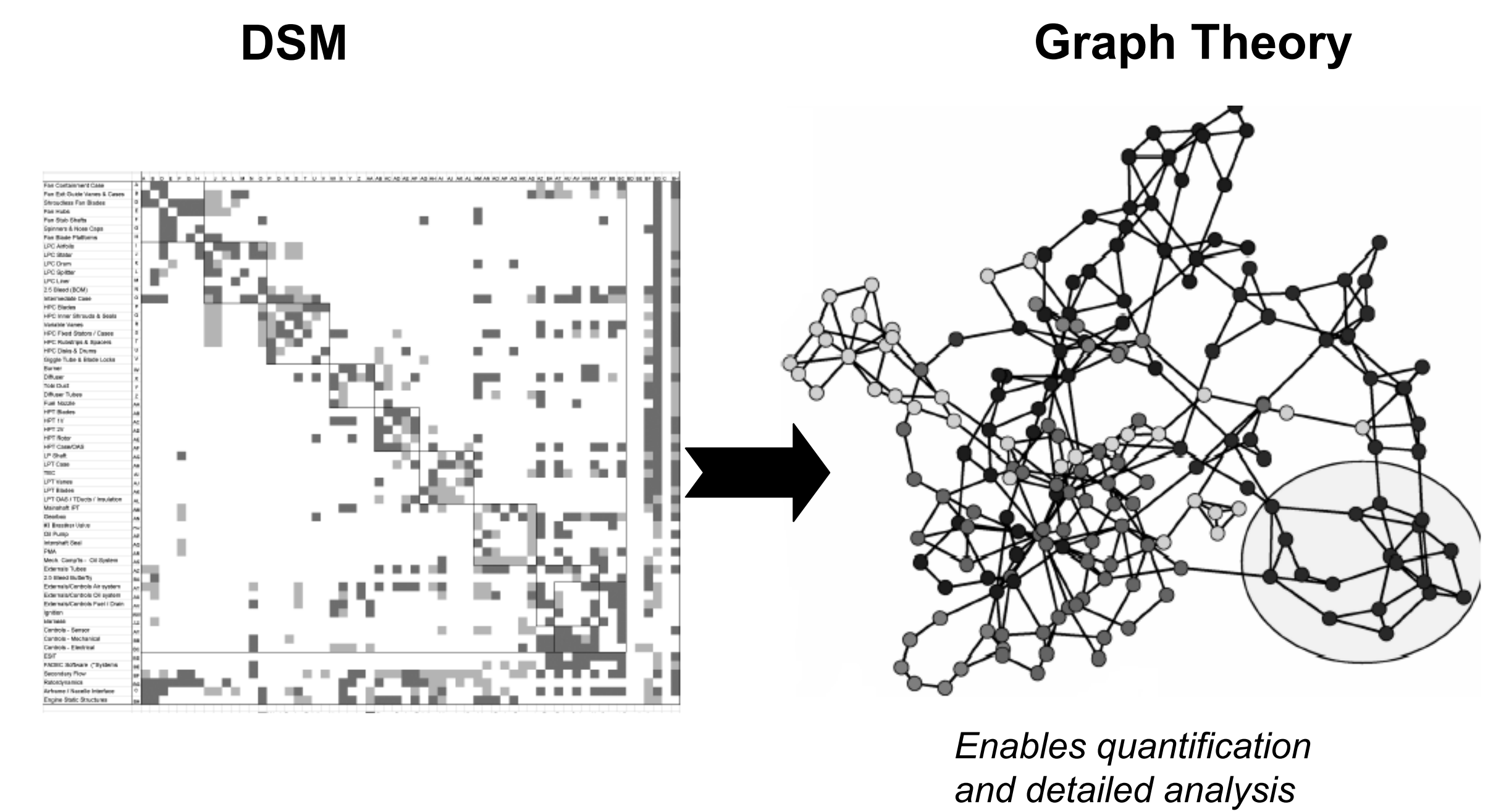
Lean Enterprise Architecture for System Technological Innovation



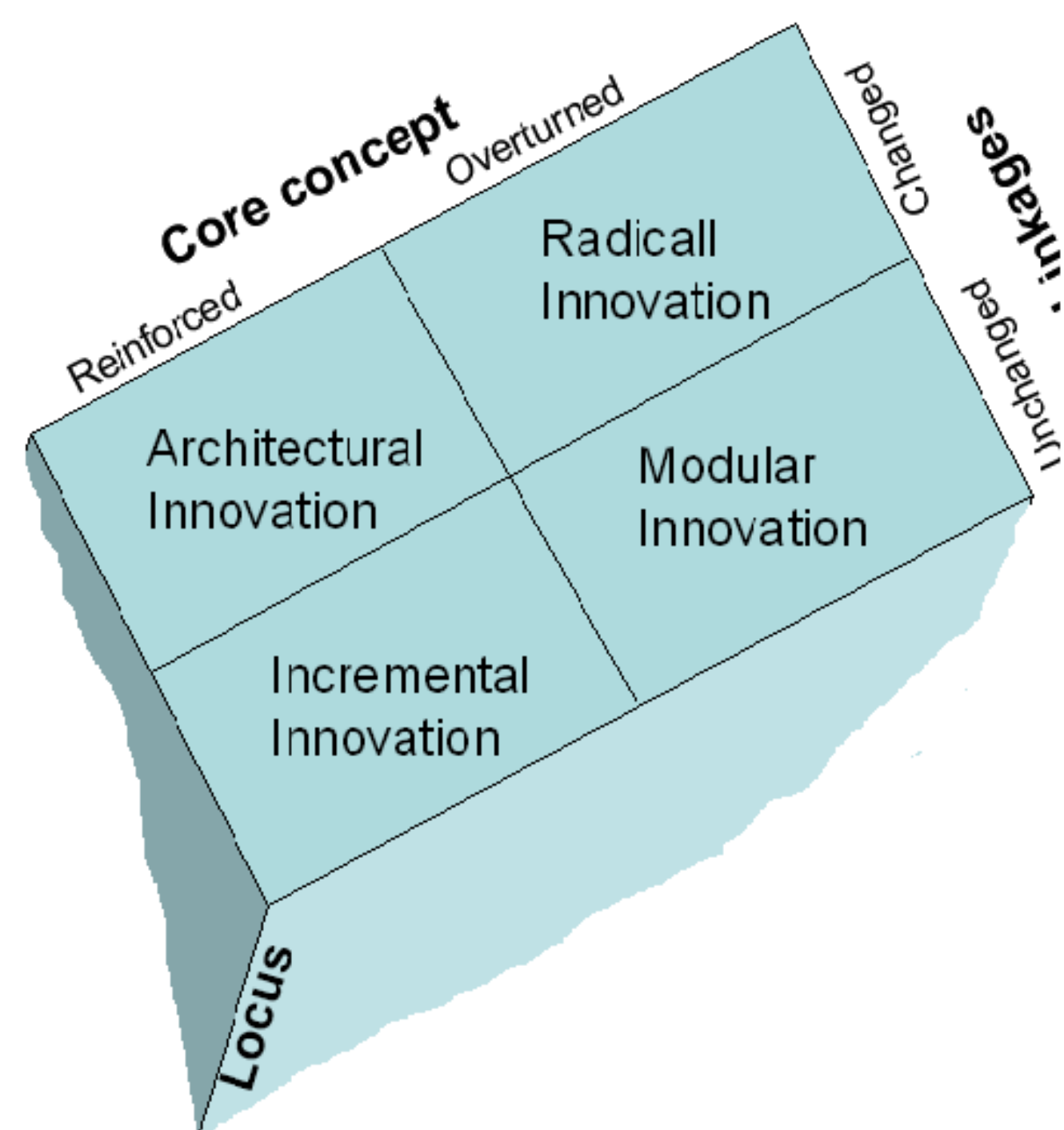
Key Research Questions

- How does one design an enterprise architecture that fosters technological innovation?
 - How does one capture and quantitatively/analytically analyze complex enterprise interactions?
 - How does one architecturally assess innovation?
 - What are the correlations between enterprise interactions and technological innovation?

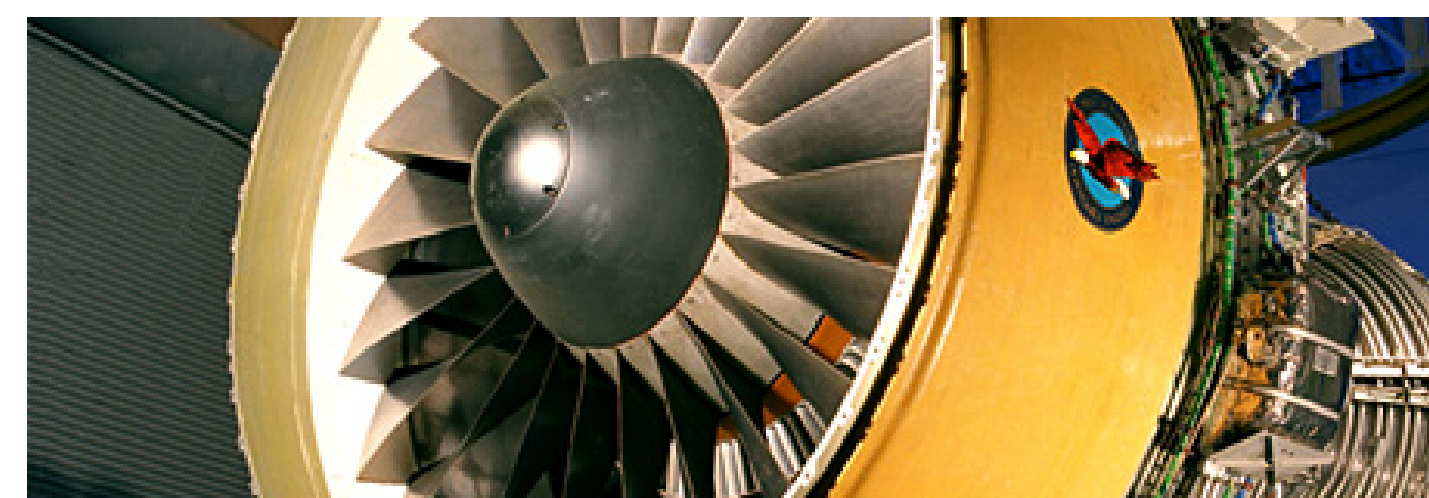
Step 1: Capturing Interactions



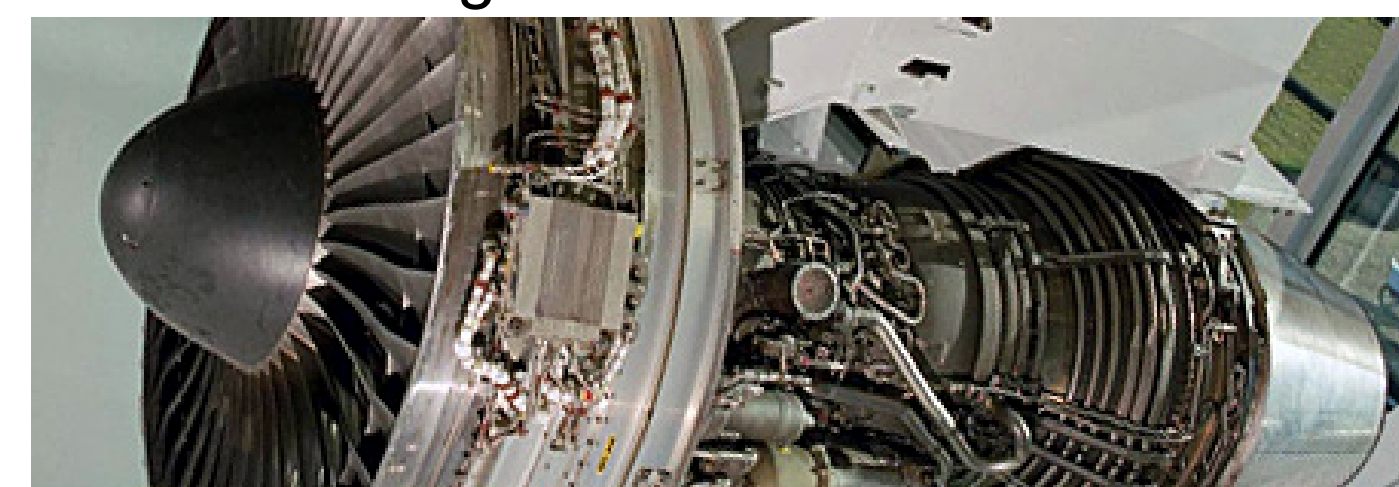
Step 2: Architectural Assessment of Innovation



Project 1 @ P&W



- Two similar aircraft engines but one more modular than the other:
1. Capture the enterprise interactions for each engine
 2. Architecturally assess innovation associated with each engine
 3. Compare and contrast the two findings



Project 2 for NASA

- Designing the enterprise architecture for NASA's Moon, Mars and Beyond mission
- Ensuring that the value delivery architecture interacts with the technical architecture so as to maximize stakeholder value