



CONTINUOUS PROCESS IMPROVEMENT

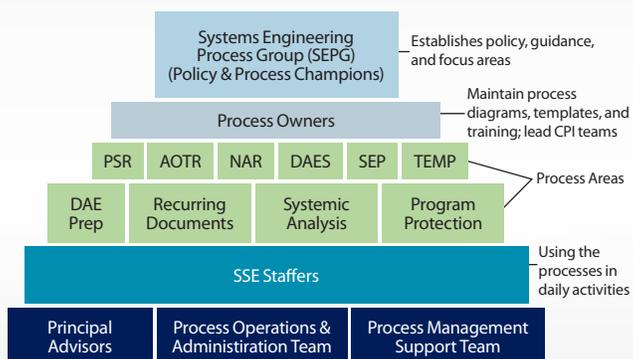
Using Lean Six Sigma

“Lean Six Sigma (LSS) has been beneficial as a tool used to support SSE’s commitment to continuous process improvement (CPI) as we operate as a team of civil service and contractor staff and execute Six Sigma projects together.”

“CPI/LSS concepts and tools should be applied to benefit the full range of DoD organizations. Each DoD Component should use CPI/LSS concepts and tools to improve the full range of processes and activities that comprise their operations.”

— DoDD 5010.42, May 15, 2008

Our CPI Organization



Our History of Commitment

2004/2005:

COMMITTING TO PROCESS IMPROVEMENT

SSE documented the processes for its major functional areas. Functional experts meet quarterly to ensure the processes remain current and incorporate improvements.

For each process area, SSE drafted detailed process diagrams, templates, and trained its workforce on their use. Quarterly metrics were created to assess each area’s health.

2006:

DEFINING ROLES / LSS GREEN BELT TRAINING

The Director, SSE, established the SSE Systems Engineering Process Group (SEPG). The SEPG created a matrix identifying major AS processes and identified a Policy Champion, Process Champion, and Process Owner for each process.

SSE committed to instituting Lean Six Sigma by providing onsite Green Belt training for 54 staff members (both gov’t and contractor).

2007:

LSS GREEN BELT PROJECTS & CERTIFICATION

SSE Staff were assigned to project teams aligned with SSE process areas to evaluate and improve.

All 54 SSE staff members (civil service and support contractors), were presented their Six Sigma Green Belt certificates, having completed training and a Green Belt project.

The SSE Process Improvement Coordinator earned her Black Belt supervising these projects.

GB Certification = Training + Project Work

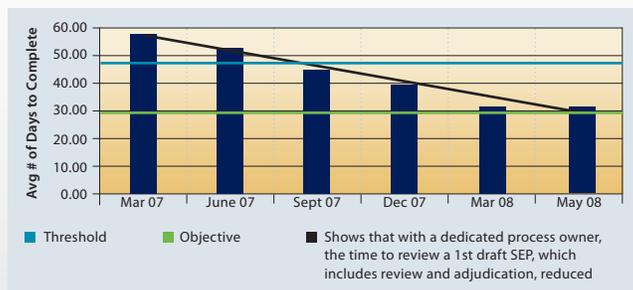
Case Study:

SEP Green Belt Project

Decreased SEP feedback time by:

- ★ Using metrics to identify timely activities
- ★ Expanding the SEP review team
- ★ Redefining the role of Process Champion and Process Owner to include product consistency, quality, and integrity
- ★ Updating and redistributing SEP Review process guidance and training

Average Number of Days to Review 1st Draft SEPs Over a 1-Year Period



48% of SSE have their Green Belt certification, exceeding USD(AT&L)’s goal by 92%

