Conclusions
• Organizational structure change will eliminate waste and allow for a more efficient use of resources
• Organization will deliver/respond better and faster to end customers by streamlining processes
• Elimination of silo’s and more effective communication between major divisions
• Non-value add processes eliminated
• Fact based decision making

Lean Implementation in a
Globally Dispersed Organization
Abhishek Katyal - LGO 2010

Company Background
• Public Company – Semiconductor Industry (~80,000 employees)
• Supply Planning Organization (SPO)
  — 9 Divisions, 23 Globally Dispersed Sites, 800 Employees
  — Plans the quantity, timing, and location for product build

Project Background
• Analyze current state of SPO through the use of value stream mapping
• Clearly identify broken and unnecessary connections & handoffs within 3 main divisions of SPO with a focus on quantity and types of handoffs occurring
• Process will help identify and drive action around silo’s within these 3 groups
• Actions/learning’s can be rolled out to other groups within SPO that face similar problems
• Will impact cycle time, embedding lean culture, delighting customers through supply availability, and business process metrics

Project Timeline
• June/July – Complete virtual mapping of FSM Planning at Fab X
• August – Travel to Costa Rica complete virtual and F2F mapping of ATM
• September – Travel to Folsom, complete virtual and F2F mapping of DIV. Consolidate current state data
• September – Travel to New Mexico or AZ to ensure incorporation of new system architecture and tool suites
• Sept/Oct – 1st face to face with 1-2 reps per group to finalize current state and create future state/action plan (Value Stream Mapping Kaizen)
• December (END) – Finalize future state and action plan, deliver to SPO leadership team

Internship Objectives
• SPO organizational current state assessment mapping identifying broken connections and excessive hand offs
• SPO Organizational future state recommendation and action plan
• Sample Lean Training and implementation that can be used across the organization: Office 3S, implement locally and globally
• Recommendation for Policy Deployment [Create Policy Deployment training and implement tool strategically within 1 SPO group]