



Building Leadership Excellence



# Implementing Lean Six Sigma

## Panel Discussion

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**RETHINK PAPER:**  
**Lean and Green**

# What is Lean?

- Maximize Customer Value
- Minimize Waste

Seven Types of Waste

Kaizen

Poka-Yoke

Value Stream Map

JIT

5 s

Quick Changeover

Overall Equipment Effectiveness

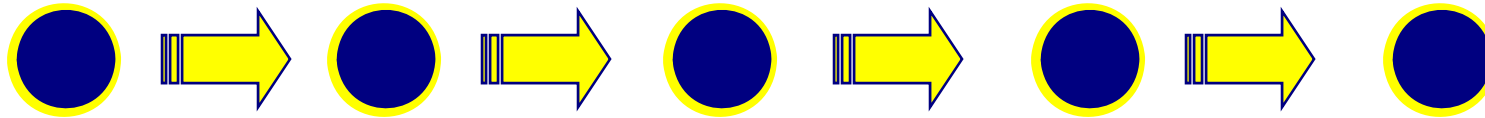


TAPPI

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# What is Six Sigma?

## DMAIC



### Define

- Clearly define project goal
- Define scope
- Identify risks, assumptions and conflicting projects
- Identify project champion, sponsor, team leader and team members
- Map the process

### Measure

- Identify Key Process Inputs
- Define the measurement system
- Develop a data collection plan
- Verify that the measurement system is accurate and repeatable

### Analyze

- Identify the variables that affect the goal
- Determine which variables have the greatest affect on the goal (prioritize)
- Identify sources of variation
- Develop improvement ideas
- Record Best Practices

### Improve

- Run trials or experiment to determine success of potential solutions
- Record quick-wins, easy fixes
- Make process and procedural changes based on findings – record the improvement plan
- Verify that an improvement was made

### Control

- Develop a system or procedure to prevent reverting to the “old way” , train
- Develop, document and implement a control plan
- Ensure that process owners know, understand and believe in the plan
- Leverage information to other plants



# Benefits of Deployment:

- Discussion



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# Keys for Successful Deployment:

- Discussion



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