

# Implementing Six Sigma into a Lean Environment

## A Major Global Automotive Parts Manufacturer Deployed Six Sigma Integrated with a Lean Program.

### •Market :

Automotive Parts

### •Client :

Turnover : \$29B

Customers : global, regional

Employees : 122,000

### CLIENT ISSUE

The global leader was facing widespread quality issues driving production costs up through scrap, rework, expediting, and containment inspection. They were facing strong customer pressure to improve first time quality, reduce costs, and implement Six Sigma. They were also facing strong competitive pressures on pricing and quality. There was also a need to remove quality barriers to production in a lean manufacturing environment. As part of a corporate deployment of Six Sigma, they sought program support, six sigma training and application (Black Belt, Champion, Manager) from seasoned professionals. This needed to be completed in an environment where other existing problem solving methodologies were in use, requiring added coordination and integration.

### SOLUTION / APPROACH

- Developed corporate-wide implementation program
- Trained leadership teams and management teams from each division and each region in the Six Sigma methodologies, basics of the tools, and roles and behaviors to support implementation
- Trained and coached Six Sigma Black Belts, Green Belts, and Master Black Belts
- Provided focused on-site project support in critical problem areas to accelerate results
- Developed and integrated client-specific case studies into the training modules

### CLIENT BENEFITS

- Average savings from Black Belt projects over \$520,000
- Over 300 Black Belts trained
- Average savings from Green Belt problems over \$160,000
- Over 2000 Green Belts trained
- Over 250 executives/business leaders trained in Executive Green Belt workshops worldwide
- Over 680 managers/project sponsors trained worldwide.
- Worldwide program support delivered in English, Spanish, French, German, and Portuguese

### OUR DIFFERENTIATORS

- Proven process, tools & methodologies
- Consistent curriculum & delivery
- Executive Leadership coaching
- Experience in Six Sigma deployment integrated with a lean program



Lean



Six Sigma



Supply Chain



SAP



Change Mgt



Europe



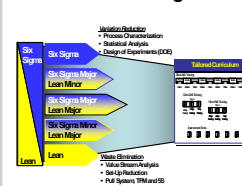
North America



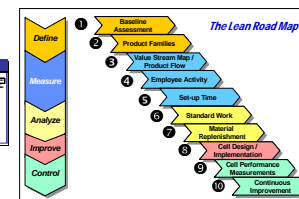
Asia/Pacific

### We used a number of different tools & methodologies

#### Tailored Integration of Lean & Six Sigma



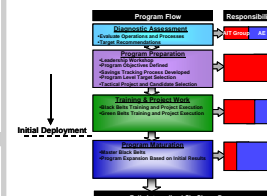
#### Lean Road Map



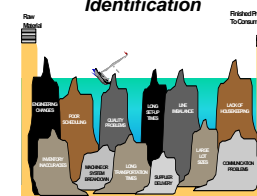
#### Deployment Involvement



#### Deployment Blueprint



#### Exposed Waster Identification



#### Culture Change Considerations

