

Summary of Experience

Thierry Mariani is a lean six sigma leader focused on performance improvement and design management with over 20 years of experience in industrial firms across Europe. As a Lean Six Sigma Master Black Belt and Scrum Master / Agile Coach, Thierry's professional background includes extensive experience in managing implementation of Six Sigma, Lean and Agile deployments in Operational Excellence and New Product Development programs. In total, Thierry has successfully trained >300 BB's and >700 GB's as well as >200 champions and sponsors and led over 300 project teams implementing Six Sigma, Lean Enterprise and Agile techniques in such diversified industries as Soft Drinks, Dairy, Bank, Chemicals, Plastics, Automotive, Electronic and Metal forming. Native French, Thierry is fluent in French, English, German, Italian and Russian and has worked in Canada, many European countries including France, Luxembourg, Belgium, Ukraine, Italy and Finland and also North Africa and China. He has served major global companies including Coca Cola, Kredit Bank Luxembourg, Areva, Lactalis, Husky Injection Molding Systems, Sanofi Pasteur, Delphi International, SKF, France Telecom, Bouygues Telecom, Bosch, Honeywell, Air Liquide, AMI Semiconductor, Sberbank, DuPont, Sagemcom, Goodyear, Borealis, Parker Hannifin, DSM and Solvay. Previously, Thierry held diverse operational positions including managing a Business Unit for Magna and working as a Project Manager for Husky.

Selected Accomplishments

- Led an analytical study at a global chemical firm to determine the transfer function to optimize / increase production yield based on the Scrum Framework by slicing the work into 2 week sprints using agile development
- Designed and deployed a DFSS program for a global electronic equipment manufacturer simultaneously working on diverse reliability improvement projects for Beamers, 4 function printers, scanner, fax and copier, electrical meters that reduced problems / returns to zero.
- Trained and coached a portfolio of new product development projects involving over 150 people over several years for a leader in motion / control technologies in France, Germany and England using DFSS and the Scrum Framework
- Led a lean assessment/improvement effort for a franchisee of a major soft drink manufacturing firm to identify and address quality issues and streamline the operations process; putting in place an OEE measurement system to understand issues and opportunities and begin to align leaders/organization around appropriate actions.
- Led a lean project for a key manufacturing plant of a leading producer of dairy products who were struggling to satisfy market demand that doubled production volume resulting in €2.2MM operating margin improvement through cycle time and downtime reduction (OEE), line balancing/synchronisation including visual management (kanbans), decreased cooling time, reallocation of warehouse areas, in-house modification of the manual raw material feeding system, and overall working condition improvement.
- Helped a tier one plastic parts supplier to the automotive industry identify and implement improvements to quality, cost, service performance and safety through review of current processes that reduced extrusion start up time after tooling change by 80% and reduced stock levels by 40% and helped ensure sustainability through design, development and implementation of a customized Production Indicators management system.
- Led a reliability / production equipment improvement at European chemical company by coaching production and maintenance teams in meeting best Lean and Six Sigma practices.
- Led an operations quality project for a tier one automotive supplier making body panel parts to address extensive, persistent customer and partner complaints around key injection molded parts that achieved a step-change in quality by identifying and eliminating several key defects in the manufacturing process; used several lean six sigma tools including DOE to develop and then test solution options on the line with more than €20MM impact.
- Helped a leading bearing company design and implement a manufacturing process/technical solution to a cost and customer service problem by streamlining the operation that dramatically improved product quality while significantly reducing delivered cost of the product; use of DFSS, DOE and other tools eliminated the key constraint in what was previously a very expensive manual operation and their rate limiting step; this then helped the marketing group reposition the product in the marketplace to protect share and position for growth.
- Led a lean/flow project including value-stream mapping, streamlining of the production lines, limiting stock levels, use of visual management (including kanbans) and kaizen events that helped one of a leading chemical producer's businesses/plants in Italy significantly reduce overall inventory (especially WIP & raw materials).

Educational Background

MS, Mechanical Engineering, Arts et Métiers (Paris, France) - specialization in Total Productive Maintenance & OEE