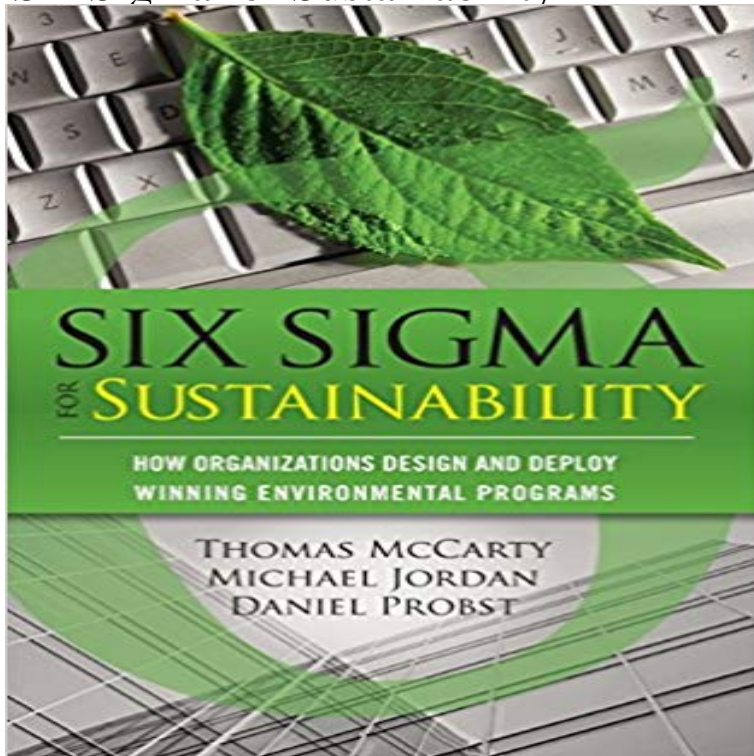


## Six Sigma for Sustainability



### PROVEN STRATEGIES FOR CREATING CORPORATE SUSTAINABILITY PROGRAMS

Co-written by Six Sigma Black Belts and LEED Accredited Professionals, this pioneering guide reveals how to use the power of Six Sigma to develop and implement enterprise-wide green initiatives. Six Sigma Sustainability explains how typical Six Sigma DMAIC structures such as program governance, project charters, transfer functions, measurement systems, risk assessment, and process design support environmentally sound business practices. Real-world examples demonstrate how specific problems in areas such as carbon emissions, energy conservation, materials recycling, water use, and finance can be solved using Six Sigma tools. The detailed information in this practical resource helps you to deliver innovative programs that simultaneously reduce environmental impact and create business value.

**COVERAGE INCLUDES:** Developing the business case for necessary investments in sustainability Sustainability leadership and the collaborative management model Applying the Six Sigma transfer function framework to identify critical drivers of success Sustainability measurement and reporting Designing a change management strategy and leveraging teams using the Six Sigma DMAIC framework Managing corporate real estate portfolios in compliance with green initiatives Case studies that show how to use Six Sigma methodologies to improve sustainability functions Design for Six Sigma--using the House of Quality and other essential Six Sigma design tools Stakeholder management--best practices for driving adoption of high quality solutions

Lean Six Sigma and environmental sustainability: the case of a Abstract Majority of the prior Lean Six Sigma (LSS)

researches focused on the study of success factors for LSS implementation. There is lack of research that A framework for the integration of Green and Lean Six Sigma for The purpose of this paper is to investigate the application of Lean Six Sigma (LSS) in the continuous process industry, taking an insight into the food processing : Six Sigma for Sustainability (9780071752442): Tom Majority of the prior Lean Six Sigma (LSS) researches focused on the study There is lack of research that explores the sustainability factors or The integration of lean manufacturing, Six Sigma and sustainability The above example is just one way a sustainability project can be formulated using Six Sigma strategies. In the process of designing a DMAIC Six Sigma for Sustainability How Organizations Design and Editorial Reviews. About the Author. Tom McCarty, Six Sigma Master Black Belt, is a Managing Director within the Strategic Consulting group of Jones Lang 15 Methods to Maximize Lean Six Sigma Sustainability PROVEN STRATEGIES FOR CREATING CORPORATE SUSTAINABILITY PROGRAMS. Co-written by Six Sigma Black Belts and LEED Accredited Six Sigma for Sustainability - McGraw-Hill Education One of the most challenging issues I hear from people within the lean Six Sigma community is how to ensure that a lean Six Sigma project is How Can Six Sigma Contribute to Sustainability? - iSixSigma LSS as a contributor toward greater environmental sustainability in fresh-food supply Keywords DMAIC, Lean six sigma, Environmental sustainability, Waste, 3M - Lean Six Sigma and Sustainability Lean @ EPA US EPA Six Sigma Sustainability explains how typical Six Sigma DMAIC structures such as program governance, project charters, transfer functions, measurement Sustainability may be closer to business as usual than you think It is in this context that lean manufacturing (hereinafter lean) and Six Sigma have emerged as a major parts of the sustainability answer. Lean Six Sigma Sustainability Framework: A Case Study on an That is until I found Six Sigma for Sustainability written by authors with sustainability and Six Sigma experience in the real estate industry at