

Breaking paradigms of lean & six sigma improvement models, the new perspective of implementation.

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Abstract

Currently the methodologies of continuous improvement, based on the vast majority of the Toyota TPS Production System, describe implementation route maps, success stories within companies with quantitative and qualitative results, and application of improvement tools applied in a specific random manner; However, they do not show the way to follow to reach these goals or results. The value expectations of the parties involved, who will be called stakeholders, are not considered bilaterally, so this paper seeks to provide a comprehensive model design Lean Six Sigma intervention that takes the best practices of proven methodologies of the Institute Massachusetts Institute of Technology, the Lean Enterprise and Six Sigma Institute and Operational Excellence at Arizona State University, combined with proven systemic simple steps that will help all people to develop and implement projects with significant quantitative and qualitative improvement results that impact the company, institution or organization where said model is applied. The Model was applied to 61 projects in which 192 people without previous knowledge of Lean participated, in a lapse of 3 years, obtaining excellent results that will be shown.

Keywords:

Lean Six Sigma Models, Implementation of Lean Six Sigma Projects, New Perspective of Improvements