

ALY 6080 Annotated Bibliography (Article 3)

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The Article Summary

Impact of lean practices on organizational sustainability through green supply chain management – an empirical investigation | Emerald Insight. (2013). *International Journal of Lean Six Sigma*, [online] 11(6), pp.1035–1068. doi:10.1108/IJLSS.

The green paradigm aims to decrease environmental hazards and harm to the environment while enhancing ecological effectiveness and eliminating waste in businesses. According to earlier studies, implementing a green supply chain management (GSCM) strategy improves organizational performance and gives the business a competitive edge. The question of whether these environmental sustainability initiatives will ultimately result in increased market share and profitability remains. This research was carried out among academics and professionals in industry in northern India. Through GSCM as a mediating variable, kaizen and innovation management's contribution to organizational sustainability is evaluated. The paper is divided into four sections: a literature review in the first section, methodology and the research tool in the second section, results and discussion of the findings in the third section, and conclusions and study limitations in the fourth part. The study makes use of a variety of statistical techniques to identify important elements that have a direct impact on organizational sustainability.

The report discusses the importance of GSCM for organizational sustainability in India through competitive, economic, and environmental performance. There have been studies on several facets of lean (Kaizen and innovation management) and green (green supply chain practices) strategies. Investigations have been done into the combined impact of government policies, innovative management, and Kaizen. The study's findings indicate that to maintain an organization, top management commitment, leadership motivation, trust and collaboration among employees, communication and integration among employees, and time allotted for innovation management initiatives are necessary. The study contributes to the body of knowledge regarding the significance of GSCM practices as a factor in organizational sustainability. KAIZEN and innovation seek to enhance the organization's competitive image by achieving organizational objectives. It is determined how much people are aware of the negative impacts of pollution on human life. The manufacturing processes of the Indian sector should emphasize lean thinking to increase productivity, quality, cost competitiveness, and financial success. By incorporating environmental thinking into the supply chain, this project aims to raise public awareness of the significance of GSCM in society. The academics and professionals in business were pleased with how well these techniques performed in their organizations and could accurately forecast organizational sustainability.

The finding of this study can help the Danfoss company to initiate a six sigma initiative to implant the green supply chain culture in the company.