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Syed Abdul Rehman Khan

The Critical Success Factors of Green Supply Chain Management in Emerging Economies



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The author dedicates this book to his parents:
Syed Hameed Khan
Rasool Syeda

Preface

Society has started to realize that living unsustainably is not an option for the human race. The Anthropocene is upon us, where man's actions can cause irreversible changes to our air, land, and water environment. We can alter the climate of the entire Earth with our actions. We are capable of causing entire species to extinction, never to be seen on Earth again.

These anthropocentric effects are due to our social and economic behaviors. We are currently, as a world, consuming more than one Earth can handle. If the global consumption rate were the same as some of our most developed regions, it would require up to a dozen Earth's worth of resources.

The detriments to the environment and natural resources caused by our activities can be traced to businesses and industries. They have the greatest environmental impact, all in order to serve our needs. It is the processes and materials they use, how they design our products and services, and how products are stewarded by these companies.

It is only recently, that greening our businesses and their supply chains has come to the forefront. The topic includes thousands of studies and publications from across disciplines considering how to make our industry and economies greener.

There is no doubt that manufacturing has been one of the critical areas that support and influence a nation's economy since the eighteenth century. As the primary driving force behind economic growth, manufacturing serves as the foundation of and contributes to other industries. In the past, manufacturing has contributed significantly to modern civilization and created the momentum that drives today's economy. However, due to the substantial manufacturing activities, particularly in emerging economies, environmental sustainability is on risk, which created a challenge for governmental bodies and policymakers to prevent harmful activities before it is too late.

As a general overview, Chap. 1 begins with a clear definition of green supply chain management and their needs in today's businesses, specifically in emerging countries. Chapter 2 is based on in-depth literature reviews and hypotheses development. Chapter 3 covers the theoretical framework and methodology adopted to examine the critical success factors and barriers faced by firms. Chapter 4 includes

different statistical modeling, statistical techniques, and results of the study. Chapter 5 contains a detailed discussion on the study results and comparison with previously published literature. Finally, Chap. 6 covers concluding remarks and policy implications to the managerial staff and governmental bodies for the sake of better environmental sustainability.

Beijing, China
December 6, 2019

Syed Abdul Rehman Khan, PhD

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About the Author

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