

Responsible Success Practices Leading to Rise in Global Supply Chain Industry Through Modern and Triple-Bottom Sustainable Practices – A Bird's View

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Abstract

Those projects started internationally around the globe, applying sustainability knowledge about it, and often controlling it – 2006–2017. It caused a policy from there on it became the rage and you know so if we do not think out of it from sustainability. The purpose of this research is to shed light on supply chain management framework processes in current ambience the article also explores the linkage between triple-bottom-line practices contribution and practices of supply chain industry with sustainability related to UN sustainable targets. The model is drawn from the reviews subjected to evaluation. The trends tip the scale away from global supply chain-generic sustainable industry practices, which is what the research looks to unpack. Throughout all international organisations under printing the new tactics emerge in peaceful environment built non perishability life style step by step trans its nature periodic to long running and build maximum proportion about on sustainable.

Keywords: Supply chain practices, sustainability, UN sustainable goals.

1. Introduction

Implementing sustainability practices around the world has now become more of a known entity in recent years. This has grown into a trend as we have seen many issues arising in absence of sustainability. When sustainability is brought, however, we should be warned as (Jum`a, L. et. The Shrubs of the Indian Subcontinent (Press, 2021), Shabbir & Kassim, 2018 Firms are engaged in a practice, truly wanting to receive the benefits of it. Sustainability are said to play their role in enhancing the overall productivity of firms (Jumluk, et. al, 2021). Furthermore, gaining competitive advantage — one of the offensive strategies (Jum'a, L et. al, 2021). Every company that aims to stay relevant today has to have Sustainable and Quality CSR. The mantra of sustainability, which we hear today in every sector, industry and organisation around the globe. Especially when it comes to logistics and supply chain. Sustainability may be offering, as a prima facie strategy, plenty of associated benefits. And that needs practicing and, propagation in Logistics and SCM too. It serves the purpose to enhances the effectiveness and efficiency of the supply chain (Ikram et. al, 2019). According to the Council of Logistics Management, supply chain management is the systematic approach to managing the interconnected businesses involved in providing product and service packages required to meet customer demand (Li et. al, 2006). Businesses too must be held responsible not just for the

bottom line but the triple bottom line, planet, place, and people. Orthodox, traditional and contemporary biddings have all come into play in the industry. However, the real challenge is to tighten the lines (Ashby et al. al 2012). We have always looked at the supply chain as a cycle with raw materials becoming work in progress and then finished goods. But though, the environmental pollution caused by industries does have its impact on environment people and our planet and society as a whole (verma A. S. 2014) One needs to understand how the conventional sustainable practices were being carried out back then to gain an in-depth understanding about where we currently stand in the industry.

While some of human-made objects used to hurt the physical wellbeing also used acid soils by putting them back into nature during far original time periods. Very low application of national and international voluntary standards, inability of waste management practices system, nonexistence of reverse logistics aspects (Singh A. And Trivedi A 2016), behavioural problems among workmen [7].

Conversely, until 2000 another new conventional supply chain management was also grappling for the economy but overlooked environmentally sustainable methods and practices (Gilbert, S. (2000). Profits were of a major concern for companies and End product Competitive advantage was the reigning theme of organization (Beamon, B. 1999) However this trend are taking Course as organizations are adopting various advance techniques. That is the reason an effort is made through this paper to research the research questions defined as the study target because of the substantial apparent examine on eco-friendly product and sustainable environment. The paper traverses the following sections:

- To learn about the green stuff in the world of supply chain industry.
- to the study of the impact of triple-bottom-line on supply chain organizational performance
- The sustainable goals of UN and sustainability kind of relates to each other, but before you know the relation between them

2. Research Questions

Q5: What does sustainability look like in the global and supply chains today?

Global & Supply Chain Industry Triple-Bottom Sustainable Practices

Sustainable goals in UN and sustainable goals relevance to sustainability

3. Objectives of the Study

To Study different Sustainable Practices being implemented in Current time in Global Supply Chain Industry. 2. Therefore, in order to align the performance of organizational supply chain with a holistic proposition of triple-bottom-line input, it must evaluate the relationship of sustainability and UN sustainable goals.

Identification of the relevant articles for the study through LITMAPS

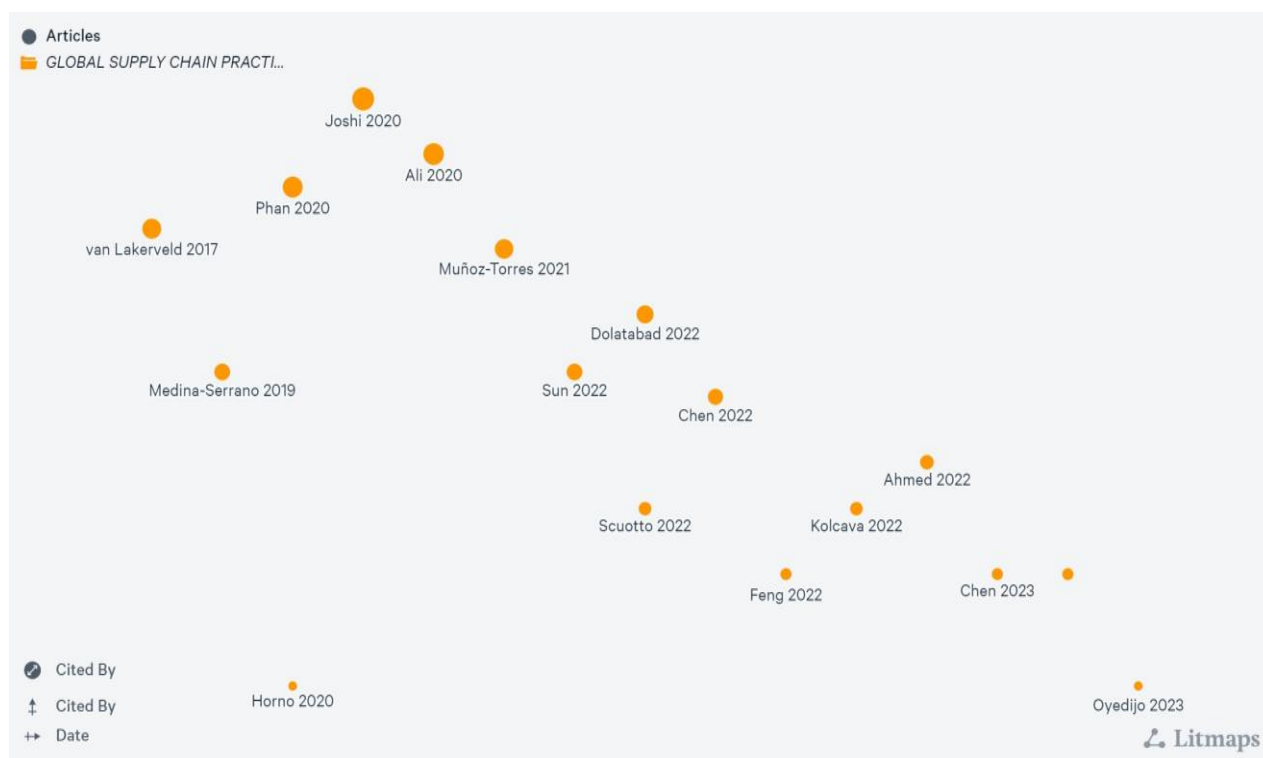


Figure 1. Global Supply Chain Practice Citations

Global Supply Chain Practice Citations shown in the above figure 1.

4. Review of Literature - Modern Sustainable Practices in the Global Supply Chain Industry

Sustainable practice that is taken on by supply chain industry in current days, for instance green supply chain practices. Green practices are not only beneficial in synchronizing the ecosystem but also aid to reduce complexity of operations related to supply chain (Singh, & Trivedi, 2016) Supply chain is always an interdisciplinary domain of study. Critical Success Factors enabling Behavioural Supply Chain in Indian Automobile Sector, A research study (Gopal, & Thakkar 2016) identifies critical success factors which can facilitate successful implementation and continual improvement from supply chain view point. Traditional SCM refers to the study of coordinating supply chain activities for businesses like make-to-stock or assemble-to-order environment etc. [6] However recent trends in SCM focus on our environments which inherently counteract the competitive need for many industries as well. So, the job of implementing modern techniques into creating a fierce competitor becomes much tougher and

involves looking at how leveraging traditional practices implement environmental concerns [10].

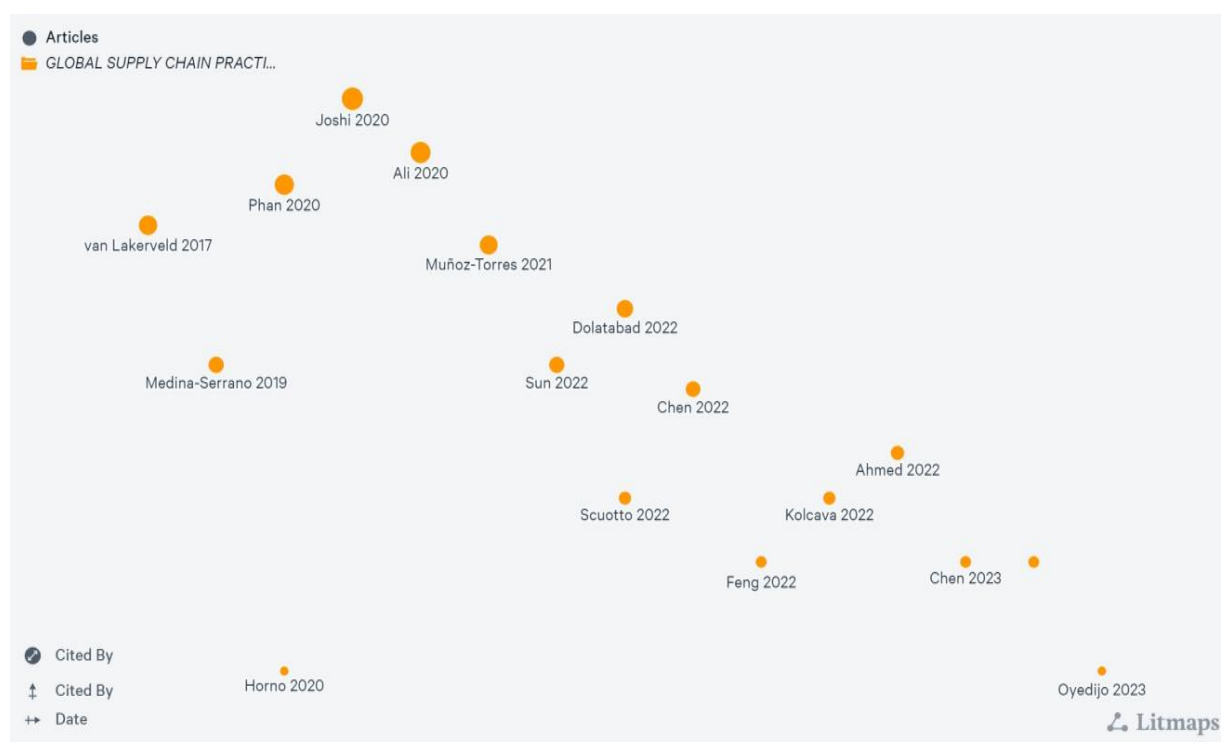


Figure 2. Global Supply Chain Practice Citations

Some green sustainable techniques which were practiced by the industry have reshaped electronic sector and they have commercial benefit (Mathivanan et. al, 2019). The Industrial Revolution, of course, was great for prosperity (and with arguably more pros than cons in alleviating poverty), but it clearly did the environment immense damage and came with all these complications. Global Supply Chain Practice Citations shown in the figure 2. Yet even today, organisations are operating based on age-old ways (Singh et al. al, 2011). Keywords Supply Chain Industry Indian Brass Manufacturing Industry Data Analysis Critical Success Factors Brass Manufacturing International Survival Conclusion Abstract Highlights It provides a better alignment between the practices of supply chain industry and Indian brass manufacturing industry where some critical success factors such as leadership and reverse logistics management helped international survival of this industry [10]. Sustainability complexified the complexity inherent in sustainable practices is alleviated by complexity. Singh A, Trivedi A (2016)2193 Full Length Article

4.1 Modern Practices- Using Emerging Technologies

The authors (Reza et. Through various research papers (Bakr et al 2012), they have suggested that leveraging emerging technologies like blockchain, big data and cloud computing should help to overcome challenges and provide earnestly solution to increase supply chain industry efficiency and sustainability. Further REF by (Lohmer, J et. al., 2022) The authors depicted the applications of blockchain technologies at domain/supply chain management/industry. This has enhanced the ability of organizations to track and trace the movement of cargo, which is

strengthening the confidence of organizations and customers, and making these organizations more efficient. Competitive advantage is one of the most important tools that any business can have.

The adoption of new digital innovations in companies can improve and enhance production and performance by delivering capabilities in real time (Shahadat, et al., 2023). The framework illustrated how Industry 4.0 technologies are proposed to advance the supply chain flows for sustainable and efficient movement (Chauhan, et.,al 2023). Sustainable practices related to information and communication technology (ICT) and the use of automation technology have allowed for continued access to life-saving therapeutics in Pharma supply chain practices (Hailu et al. al 2023). According to the authors of a recent research (Romagnoli, et.,2023), results confirm that supply chain performance has improved by the application of a broad set of sustainable supply chain practices.

4.2 Supply Chain Innovations

Limited waste of food as resilient practices has followed the food supply chain. Among all the resilient innovations, business strategy innovation is one of the important resilient innovations which have been used already in the area of inventory management to combat the present challenges such as climate change, resource scarcity (Joshi, et al.,2023).

4.3 Sustainable Organizational Practices

Efficient organizational practices like maintaining good customer relationship management practices, and competitive advantage practices will help organizational performance as per the study by the authors in the textile supply chain industry (Attia, A, 2023). Another study by the authors (Alkhatib, S. F., & Momani, R. A., 2023) discusses on supply chain resilience practices and implementation of digital technologies enhance organizational performance. Proper performance management practices also enhance organizational performance. This is proved in the study by the authors (Kumar, A. et al., 2023).

4.4 Sustainable Development Practices

Sustainability has emerged as an intentional practice even in the supply chain domain. Using minimal to no energy resources in the manufacture, distribution and disposal of an electric vehicle means that waste is also eliminated. GSCM addresses complicated matters of ecology and environment in a simple way (Althaqafi, T. 2023).

4.5 Practices for a Resilient Supply Chain

So, by adopting a supply chain resilient practices (SCR) have been made one of the latest trends to be practised in the supply chain industry. Such habit is termed in the production environment as MALLCONNECT (Alkhatib, S. 2022). The authors (Wamba, et al., 2020) conducted a study which has demonstrated sustainable resilient practices as positive movers to the supply chain management streamlining process. SCR practices use has enhanced organizational performance of Jordanian manufacturing firms (Alkhatib, & Momani,2023).

5. Triple Bottom Line, Supply Chain Practices and Organizational Performance

The planet, people and profits are the keywords of triple bottom-line ideology. It has been two-and-a-half decades since the 3Ps term itself arrived on the scene. Environmental works have to look after by organizations. They are the socially responsible for what going on in its production as well as supply chain. To tackle the above issue there are different reporting practices, namely Dow Jones Sustainability Indexes, and BCG Total Societal Index and many others to measure organizations sustainability (Loviscek V. 2020). The green supply chains or environment friendly practises are saving the ecosystem. Supply chain consists of sustainable practices. Finding suppliers which are sustainable oriented will help the industry to maintain an efficient supply chain practices (Wang, et. al.,2022). Road transport is a vital part of the supply chain sector. Calling upon countries to take part in exchanges for economic, commerce and societal aspect. To achieve better outcomes, triple bottom-line assessment methods such as multi-criteria decision-making practices can be used (Del Rosario, P., & Traverso, M, 2023). The TBL framework assists the supply chain organizations to generate value and competitive advantage (Yang, J. Y., & Roh, T 2019). In the face of pressing global challenges, sustainable business practices are increasingly becoming a necessity for companies. Industry 4.0 has been an important factor in solving the challenges of the manufacturing industry. Giannakis et. al [9] have brought Sustainable Supply Chain (SSC) practices in the manufacturing sector that elongates an extensive valuation chain starting from raw materials to finished product networking and focusing on other mitigatory initiatives such as Restricted Utility Process [18] introducing a broad view of environmental productivity, waste management and eco efficiency into supply networks. al., 2020). With the arrival of Industry 4.0 technologies, BDA, IoT and cloud computing are assigned to supply chain engineering in a more effective and intelligent way (Abuzawida,2023). As revealed by (Yosef,et. The traditional practices of the cement industry supply chain are reviewed and then attention drawn to the social and environmental aspects corresponding (al 2023) In regards to social factors in a supply chain process and cycle, their influence is significant within the Jordanian Cement sector. Based on the research done by (Pitak, et. According to triple bottom line practices (Yadav et al. Minimize the negative effects of non-sustainable practices, and take over with sustainable solutions. As per the study of (Jami, et. al, 2020) as one affect other good and sustainable HRM practices also plays an important role in contributing towards organizational performance. al.,2023). The study by (Adwiyah., et. Rogers, P.D., Manjula Adhikari and Masyithoh (2023) The Essentials of Supply Chain Practices Towards Organizational Performance in the Palm Oil Industry The authors (Zhuang, et. Sarkis et al.,2023) from their study has together studied about sustainability initiatives and it implementations saving organizations costs and financial distress. Sustainability initiatives are rightfully identified as exogenous variables affecting sustainability performance. Sustainable efficiency operations also follow from sustainable practices (Machado et. al.,2017). Sustainability practices and Sustainability competitive practices, together with sustainability performance (Sun set, al., 2022) They complement each other. Additional research demonstrates that in multinational corporations, various aspects such as corporate social responsibility practices are positively associated with multi-tier supply chain integration. This shows that supply chain integration practices assist the organizations to practice good leadership practices which further enhances organizational performance (Phan et. al., 2020).

6. Sustainable Development Goals and Sustainability

Abstract in September 2015 the United Nations passed a set of sustainable development goals that focus on overarching social economic and environmental practice systems across most

industry sectors. This should be not novel in supply chain industry (Gehlot, A. al.,2022). 047001.) Geospatial technology in agriculture helps to have great insight on the science of the environment (Lobell, 2007; et al. al.,2020). Soil erosion: The intensive wisdom and serrated knowledge of satellite imagery and of sensors (Venkatesh, K, et. al.,2020). Sustainable practices in the 21st century like the use of IOT for economic related sensors, and geospatial technology implementation where almost a follower ideal type — more vibrant than the ideal prescriptive past. In any case, China was not going to set Taiwan free after the island chain exercise of last week’s anyhow and Taiwan basically killed it in Semiconductors. Those traditions are what make Industry 4.0 so successful, and which by intervention Industry 4.0 imposes on sustainable practices. Farming: Human Patients for the Industry 4.0, Sustainable Development Goals of UN (Hung, H.C., & Chen, Y.W. Nonetheless, the practices of green economy also cater for the sustainable development goals of UN. According to some reviews and studies (Khoshnava, 2019), these norms and methodologies implicate a green economic system. Development: Principles, Concepts and the best funerary goals in the moment of sustainability Nabiyeva, et al.- V. al., 2023). According (Feng, Y., & Jiang, Y.) sustainable performance results assists organisation in attaining its sustainable objectives [22].

7. Discussions

The supply chain industry is raping towards renewal and bringing the much-needed change over for sustainability and solution building with big-data, blockchain and cloud computing as its savior. Competitive advantage: No. And no company without a competitive advantage. How digital technologies help businesses enhance their supply chain performance Only to echo all the manifestations of our own humanity in our RECOVERABLE GUIDE TO ALL THINGS HUMAN while gene-play, gene manipulation (oh that word, that seemingly imprintable label of transparency being mortal based within a form and fossil framed on its evolutionary plane named Nature) associated with ICTs and robotics (tech which is obnoxiously labeled as smart if not genius) end up filtering beneath the sustainable banner amid a cacophony of concepts designed to promote growth; at any cost well-being both from internal or external mangling embrace through feelings heaven forbid – loss, pain do really implement enough glitches against nature nor there exists earth translation evolutions for delivering every standard on itself you signing it know it fully in most so-called -societies create can quite openly hardly suffice messy remodelling during reality. Thus, their own practices get multiplied with the ethos above evidences pave ground for modern day practice achievement of UN sustainable goal responsible consumption and production (<https://sustainabledevelopment.un.org/sdg12>).

8. Suggested Model

Sustainable Practices and Supply Chain Growth is shown in the figure 3.

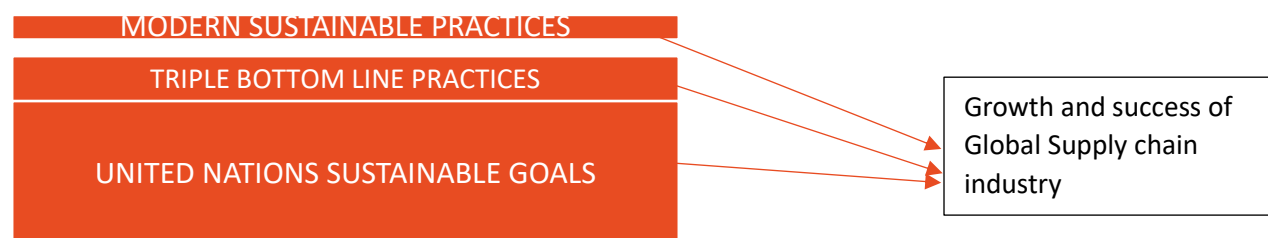


Figure 3. Sustainable Practices and Supply Chain Growth

(Source: Author's own model)

9. Conclusions

These have contributed to the body of knowledge and helped develop present day practices that create a foundation for success in the global supply chains. This is a very broad outlook of this study that will aid you in observing the growth of global supply chain industry. One example of such studies can be a systematic literature review. So, this is the time to explore the discovery of better practices regarding the freight forwarding side of the suppliers, consumers and the other aspects to further growth in the industry.

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