

Manuscript ID : 00000-50319

International Journal of Mechanical Engineering and Technology

Volume 7, Issue 5, September - October 2016, Pages 388-397, Page Count - 10



Source ID : 00000002

A REVIEW OF GREEN SUPPLY CHAIN MANAGEMENT

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Abstract

The main objective of this study is to review the recent literatures of the Green Supply Chain management (GSCM) and also determine the environment concern of this emerging field. The study is focused on development of GSCM which also includes that all the researchers from this review is focused on environmental and social sustainability towards operation management and the supply chain management. The important key that came out of this literature are green design, green management material, green marketing and distribution and reverse logistics. The purpose of this paper is to review the GSCM over the last fifteen years and guidelines to help academicians, researchers, and practitioners in better way to understand integrated GSCM from a wider perspective.

Author Keywords

Green supply chain management (GSCM), environment, reverse logistics, green design

ISSN Print: 0976-6340

Source Type: Journals

Publication Language: English

Abbreviated Journal Title: IJMET

Publisher Name: IAEME Publication

Major Subject: Social Sciences and Humanities

Subject area: Management of Technology and Innovation

ISSN Online: 0976-6359

Document Type: Journal Article

DOI:

Access Type: Open Access

Resource Licence: CC BY-NC

Subject Area classification: Business, Management and Accounting

Source: SCOPEDATABASE

Reference

References (24)

1. Large, R.O. & Thomsen, C.G
Drivers of Green Supply Chain Management Performance: Evidence from Germany
(2011) Journal of Purchasing & Supply Management, Volume 17, Page No 176-184,
DOI: <https://doi.org/10.1016/j.pursup.2011.04.006>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S147840921100032X?via=ihub>
2. Azevedo, S.G., Carvalho, H., & Machado, V.C
The Influence of Green Practices on Supply Chain Performance: A Case Study Approach

(2011) *Transportation Research Part E: Logistics and Transportation Review*, Volume 47, Issue 6, Page No 850-871,
DOI: <https://doi.org/10.1016/j.tre.2011.05.017>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S1366554511000780>

3. Chiou, T.Y., Chan, H.K., Lettice, F., & Chung, S.H
The Influence of Greening the Suppliers and Green Innovation on Environmental Performance and Competitive Advantage in Taiwan

(2011) *Transportation Research Part E: Logistics and Transportation Review*, Volume 47, Issue 6, Page No 822-836,
DOI: <https://doi.org/10.1016/j.tre.2011.05.016>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S1366554511000767>

4. Cagno, E., Guido, M.J.L., Perotti, S, & Zorzini, M
The impact of green supply chain practices on company performance: the case of 3PLs

(2011) *Lancaster University*, Page No 1-31,

5. Arimura, T.H., Darnall N., Katayama, H
Is ISO 14001 a gateway to more advanced voluntary action? The case of green supply chain management

(2011) *Journal of Environmental Economics and Management*, Volume 61, Issue 2, Page No 170–182,
DOI: <https://doi.org/10.1016/j.jeem.2010.11.003>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S0095069610001099>

6. Hsu, C.W. & Hu, A.H
Green Supply Chain Management in the Electronic Industry

(2008) *International Journal Environment Science Technology*, Volume 5, Issue 2, Page No 205-216,
DOI: <http://dx.doi.org/10.1007/BF03326014>
Article Link: <https://link.springer.com/article/10.1007/BF03326014>

7. Shang, K.C., Lu, C.S., Li, S
A taxonomy of green supply chain management capability among electronics-related manufacturing firms in Taiwan

(2010) *Journal of Environmental Management*, Volume 91, Issue 5, Page No 1218–1226,
DOI: <https://doi.org/10.1016/j.jenvman.2010.01.016>
Article Link: <https://www.sciencedirect.com/science/article/pii/S0301479710000289>

8. Holt, D. & Ghobadian, A
An Empirical Study of Green Supply Chain Management Practices amongst UK Manufacturers

(2009) *Journal of Manufacturing Technology*, Volume 20, Issue 7, Page No 933-956,
DOI: <https://doi.org/10.1108/17410380910984212>
Article Link: <https://www.emerald.com/insight/content/doi/10.1108/17410380910984212/full/html>

9. Nawrocka, D., Brorson, T., & Lindhqvist, T
ISO 14001 in environmental supply chain practices

(2009) *Journal of Cleaner Production*, Volume 17, Issue 16, Page No 1435–1443,
DOI: <https://doi.org/10.1016/j.jclepro.2009.05.004>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S0959652609001577>

10. Lee, S
Drivers for the participation of small and medium-sized suppliers in green supply chain initiatives

(2008) *Supply Chain Management: An International Journal*, Volume 3, Issue 3, Page No 185-198,
DOI: <https://doi.org/10.1108/13598540810871235>

Article Link: <https://www.emerald.com/insight/content/doi/10.1108/13598540810871235/full/html>

11. Raymond, P. C., Lopez, J., Marche, S, Perron, G.M., & Wright, R
Influences, practices and opportunities for environmental supply chain management in Nova Scotia SMEs

(2008) *Journal of Cleaner Production*, Volume 16, Issue 15, Page No 1561-1570,
DOI: <https://doi.org/10.1016/j.jclepro.2008.04.022>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S0959652608001017>

12. Shultz, C.J.II & Holbrook, M.B
Marketing and Tragedy of the Commons: A Synthesis Commentary and Analysis for Action

(1999) *Journal of Public Policy and Marketing*, Volume 18, Issue 2, Page No 218- 229,
Article Link: <https://www.jstor.org/stable/30000542>

13. Ninlawan, C., Seksan, P., Tossapol, K., & Pilada, W
The Implementation of Green Supply Chain Management Practices in Electronics Industry

(2011) *Proceedings of the International Multi conference of Engineers and Computer Scientists*, Volume 3,
Article Link: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.450.9577&rep=rep1&type=pdf>

14. Zhu, Q. & Sarkis, J
Relationships between operational practices and performance among early adopters of green supply chain management practices in Chinese manufacturing enterprises

(2004) *Journal of Operations Management*, Volume 22, Issue 3, Page No 265-289,
DOI: <https://doi.org/10.1016/j.jom.2004.01.005>
Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S0272696304000397>

15. Beamon, B. M
Designing the green supply chain

(1999) *Logistics Information Management*, Volume 12, Issue 4, Page No 332-342,
DOI: <https://doi.org/10.1108/09576059910284159>
Article Link: <https://www.emerald.com/insight/content/doi/10.1108/09576059910284159/full/html>

16. Zhu, Q., Geng, Y., Fujita, T., & Hashimoto, S
Green Supply Chain Management in Leading Manufacturers: Case Studies in Japanese Large Companies

(2010) *Management Research Review*, Volume 33, Issue 4, Page No 380-392,
DOI: <https://doi.org/10.1108/01409171011030471>
Article Link: <https://www.emerald.com/insight/content/doi/10.1108/01409171011030471/full/html>

17. Ajay Verma and Dr. Anshul Gangele
GREEN SUPPLY CHAIN MANAGEMENT EMPIRICAL STUDY FOR ``CLOSING THE LOOP``

(2012) *International Journal of Production Technology and Management*, Volume 3, Issue 1, Page No 78–94,
Article Link: http://iaeme.com/MasterAdmin/Journal_uploads/IJPTM/VOLUME_3_ISSUE_1/IJPTM_03_01_007.pdf

18. Fortes, J
Green Supply Chain Management: A Literature Review

(2009) *Otago Management Graduate Review*, Volume 7, Page No 51-62,
Article Link: <https://www.icesi.edu.co/blogs/semillerosi3/files/2013/12/09fortes.pdf>

19. Srivastava, S.K
Green supply-chain management: a state-of-the-art literature review

(2007) *International Journal of Management Reviews*, Volume 9, Issue 1, Page No 53–80,

DOI: <https://doi.org/10.1111/j.1468-2370.2007.00202.x>

Article Link: <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1468-2370.2007.00202.x>

20. Rao, P. & Holt, D

Do green supply chains lead to competitiveness and economic performance?

(2005) *International Journal of Operations and Production Management*, Volume 5, Issue 9, Page No 898-916,

DOI: <https://doi.org/10.1108/01443570510613956>

Article Link: <https://www.emerald.com/insight/content/doi/10.1108/01443570510613956/full/html>

21. Zhu Q. & Sarkis, J

An inter-sectoral comparison of green supply chain management in China: drivers and practices

(2006) *Journal of Cleaner Production*, Volume 14, Issue 5, Page No 472–486,

DOI: <https://doi.org/10.1016/j.jclepro.2005.01.003>

Article Link: <https://www.sciencedirect.com/science/article/abs/pii/S0959652605000065>

22. Gaurav.B. Pathil

Green supply chain management-A review

(2015) *International Research Journal of Engineering and Technology*, Volume 2, Issue 8, Page No 1095-1099,

Article Link: <https://www.irjet.net/archives/V2/i8/IRJET-V2I8164.pdf>

23. Noor Aslinda Abu Seman

Green supply chain management- A review and research direction

(2012) *International journal of managing value and supply chain*, Volume 3, Issue 1, Page No 1-18,

Article Link: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1080.159&rep=rep1&type=pdf>

24. Ajay Verma, Dr. Anshul Gangele

AN EMPIRICAL STUDY OF THE INVESTIGATION OF GREEN SUPPLY CHAIN MANAGEMENT PRACTICES IN THE PHARMACEUTICAL INDUSTRY AND THEIR RELATION DRIVERS, PRACTICES AND PERFORMANCES

(2012) *International Journal of Mechanical Engineering and Technology*, Volume 3, Issue 3, Page No 654–668,

Article Link: http://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_3_ISSUE_3/IJMET_03_03_058.pdf

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