# Green Supply Chain Management: An Overview

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**Abstract:**
This paper highlights about the term green supply chain management. With the change in the climate, there is an urgency to implement the green supply chain management practices in the organization. The term “Green Supply Chain Management” is related with sustainability and has its long term positive implications. This paper comes out with the valid necessity and requirement of executing the GSCM practices in the current business scenarios. Terms such as GSCM and Green logistics are often misinterpreted, basically green logistics ties environmental and economic efficiency into logistics by reducing the impact of the sector on the environment.

**Keywords**: Green Logistics, Supply chain management, Corporate, Sustainability
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**Introduction:**
An approach known as "green supply chain management" (GSCM) combines ecologically friendly procedures with conventional supply chain operations. It seeks to reduce the supply chain's overall environmental effect, from the acquisition of raw materials to the ultimate disposal of finished goods. Concerns about climate change, environmental degradation, and the need for businesses to adopt more

sustainable and socially responsible practices gave rise to the concept.

Finding a balance between social, environmental, and economic factors is the main objective of green supply chain management, or the "triple bottom line." It acknowledges that companies can maintain profitability and competitiveness in the market while also making a positive impact on society and the environment. GSCM includes the following :

1. Sustainable Procurement: GSCM begins with choosing suppliers who respect the environment and obtaining products with low environmental impact. This entails rating suppliers according to their sustainability standards compliance, ethical behavior, and environmental performance.
2. Product Design for Sustainability: Organizations are urged to design products with sustainability in mind, taking into account aspects like recyclability, material economy, and minimal environmental impact over the course of the product's life cycle.
3. Energy Efficiency: GSCM places a strong emphasis on using energy in distribution and manufacturing processes in an efficient manner. This entails implementing energy-saving devices, streamlining transit routes, and lowering total energy consumption.
4. Reducing waste and promoting recycling in the supply chain are the two main objectives of GSCM. This entails managing the appropriate disposal of waste in addition to putting reduction, reuse, and recycling practices into practice.
5. Reverse Logistics: Good life cycle management (GSCM) takes into account a product's end-of-life stage. After products and packaging materials have fulfilled their primary purpose, reverse logistics handles their collection, recycling, or appropriate disposal.
6. Collaboration among Stakeholders: Effective implementation of Green Supply Chain Management necessitates cooperation among suppliers, customers, and other stakeholders. Open communication, common objectives, and a dedication to environmental responsibility are necessary for creating a sustainable supply chain.

**Problem Statement**

The major problem arising in case of implementation in green supply chain management is basically the lack of awareness and creating knowledge about the positive consequences of the GSCM. The mentality and the outlook towards GSCM has itself led to the failure of it. Steps must be taken by the organization in the execution of it so that the whole of the organization is benefitted in terms of minimization of costs, increase in the profitability, better brand goodwill, and increase in the customers satisfaction. The Government should play and active role in developing an applicable procedures and principles to encourage the organizations to promote green practices.various awareness campaigns must be carried out in form of seminars , workshops and conferences to aware entrepreneurs about the climate change .

**Need of the study**

The clearest reason production network the board is significant is the climate. Scaling back fossil fuel byproducts and moderating normal assets matters to everybody. Be that as it may, these are only a portion of the justifications for why organizations decide to "practice environmental safety."81% of buyers all over the planet accept that organizations need to assist with working on the climate.

**Literature Review**

In order to improve the long-term performance of both the individual companies and the supply chain as a whole, supply chain management, or SCM, is defined as "the systemic, strategic coordination of the traditional business functions and the tactics across these business functions within a particular company and

across businesses within the supply chain" (Mentzer et al., 2001, p. 18). The term "Green supply chain management" (GSCM) originated when environmental concerns were included in supply chain management literature. The integration of environmental issues into all SC functions is referred to as GSCM. Accordingly, GSCM was defined as "integrating environmental thinking into supply-chain management, including product design, material sourcing and selection, manufacturing processes, and delivery of the final product to the consumers" by Srivastavaa (2007, pp. 54–55).

**Research Methodology**

The study is analytical in nature and examinesthe need to implement green practices in all the organizations whether business or non business organizations. The recent study makes use of secondary data .The data collected was general in nature and directly based on the theme of the research.

**Conclusions**

This study attempts to enrich the knowledge of the research field by carrying out a literature review of articles available on specific databases in the last decade. The undertaken different approaches classification and analysis of the selected papers, helped to provide and discuss outcomes on current research status. As a result, it can be concluded that there is a trend to develop and search for integrating the supply chain and its sustainable practices in the organizations , however there are opportunities for research on this subject which is still at its early period of research. The implementation of green practices can ultimately enhance the profitability aspect for the organization and also result in the development of the products which are sustainable . Better brand image of the organization also develops with the application of green practices.

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