MERCURY

Green Supply Chains Management Practices Course

5 – 16 September 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
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Ref: 4028_254698 **Date:** 5 – 16 September 2027 **Location:** Cairo (Egypt) **Fees:** 6000 Euro

Introduction

The time for action on greening supply chains has come. Daily headlines report food shortages and concerns about energy security and dangerous climate change. Current forecasts suggest that by 2050, the human population will grow to around 9 billion and that per capita consumption of hard and soft commodities is set to increase.

An incredible challenge lies ahead of us: already, the production, extraction, and consumption of basic commodities are contributing to humanity's unsustainable ecological footprint.

Resource access will be a major strategic corporate issue in the coming decades. We are convinced that the winners will be those companies that can demonstrate that their supply chains are clean and green.

What is Green Supply Chain Management?

Green Supply Chain Management GSCM integrates environmentally friendly methods and technologies into supply chain management. Aspiring professionals can enhance their expertise and marketability by seeking certifications such as the green supply chain management certificate course and becoming certified green supply chain professionals or certified sustainable supply chain professionals.

The importance of green supply chain management rests on its ability to significantly reduce ecological impacts while offering substantial economic and competitive advantages. It leads to green supply chain management benefits, such as cost savings from reduced energy and waste management, improved customer satisfaction, and innovative product design, leading to green, sustainable supply chain solutions.

Delving into the impact of green supply chain management reveals a reduced carbon footprint and enhanced corporate image. The advantages of green supply chain management include environmental and operational efficiencies, making green supply chains an imperative for modern business. The greening of the supply chain represents a pivotal shift towards more sustainable business practices.

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Targeted Groups

- Procurement Managers
- Supply Chain Managers
- Inventory Managers
- Warehouse Managers
- Supply Chain Professionals
- Procurement Professionals
- Also, this green supply chain management course is useful for all managers and senior managers.

Course Objectives

At the end of this green supply chains management course, the participants will be able to:

- Understand what green supply chain management is fundamentally about.
- Appreciate what is needed to enable a green supply chain.
- Show the benefits that can be obtained.
- Look outside of the box.
- Understand how to apply a green supply chain migration strategy.
- Recognize the new required policies.
- Examine the organization's supply chain operations and activities.
- Analyze the key areas of the supply chain.
- Apply "Green" principles and see how "going green" makes commercial sense.
- Succeed in introducing a green supply chain.
- Understand the migration strategy to enable sustainable green supply chains.
- Gain a competitive advantage.

Targeted Competencies

At the end of this green supply chains management course, the target competencies will be able to improve:

- Analysis.
- Critical thinking.
- Strategic direction.
- Policy-making.
- Implementation.

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Course Content

Unit 1: Introduction to Green Supply Chain

- The 5 fundamental questions to be answered are the benefits, the costs, the power to influence, engagement, and the barriers.
- Benefits of the green supply chain.
- Traditional and green supply chains.
- Green supply chains and Corporate Social Responsibility CSR
- Drivers of green supply chain.
- The green supply chain framework.
- Impact on the bottom line through green supply chains.
- Key contributors to the profitability of green supply chains.

Unit 2: Green Supply Chain Planning

- Life cycle management.
- Green Sales and Operations Planning S&OP.

Unit 3: Green Procurement

- Procurement definitions, aims, and scope.
- Benefits of green procurement.
- Drivers of green procurement.
- Challenges.
- Factors affecting green procurement.
- Moving toward green procurement
- Reflections on green procurement.

Unit 4: Green Production

- Benefits of green production.
- Drivers of green production.
- Challenges of green production.
- Key components of green production.
- Drivers of green logistics.
- Benefits of green logistics.
- Challenges in green logistics.
- Moving towards green logistics.

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Unit 5: Green Logistics & Packaging

- Benefits of green packaging.
- Drivers of green packaging.
- Getting started with green packaging.

Unit 6: Green Marketing

- Importance of green marketing.
- Drivers of green marketing.
- Challenges in green marketing.
- Elements of green marketing.
- Examples of supply loops.
- Components of supply loops.
- Drivers of supply loops.
- Benefits of supply loops.
- Supply loops.

Unit 7: Carbon Footprint Minimization Across the Supply Chain

- Carbon measurement.
- Carbon minimization.
- Carbon monitoring.
- Carbon reporting.

Unit 8: Migration Strategy

- Phase I: Detailed analysis.
- Phase II: Design and implementation.
- Phase III: Organizational change management.

Unit 9: Green Supply Chain Continuous Improvement

- Benefits of continuous improvement in green supply chains.
- Pre-requisites of continuous improvement.
- Methodology of continuous improvement.
- Green supply chain benchmarking.
- Pareto analysis.
- Example of green supply chain continuous improvement.

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Unit 10: Green Supply Chain Performance Evaluation

- Benefits of performance evaluation.
- Performance evaluation methodology.
- Presenting findings of performance evaluation.
- Using information from performance evaluation for making decisions.