Mastering Green Logistics: Sustainable Supply Chain Practices

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Washington DC (USA)



Mastering Green Logistics: Sustainable Supply Chain Practices

Ref: 20220722_214140 Location: Washington DC (USA) Fees: 5900 GBP

Course Description

This intensive 1-week course equips logistics professionals with the knowledge and tools to implement sustainable practices in supply chain operations. Participants will explore green logistics principles, environmental impact assessment techniques, and strategies for reducing carbon footprints in transportation and warehousing. The course combines theoretical concepts with practical applications to foster eco-friendly logistics management.

Learning Objectives

- Understand core principles of green logistics and sustainable supply chain management
- Master techniques for assessing and reducing environmental impact in logistics operations
- Develop strategies for implementing sustainable practices in transportation and warehousing
- Learn to use tools and methodologies for green logistics planning and decision-making
- Gain insights into emerging technologies and innovations in sustainable logistics

Course Modules

Day 1: Introduction to Green Logistics

- Fundamentals of sustainable logistics
- Environmental challenges in supply chain management
- Regulatory landscape and compliance requirements
- Case studies of successful green logistics initiatives

Day 2: Environmental Impact Assessment

- Methodologies for measuring environmental impact
- Carbon footprinting in logistics operations
- Life cycle analysis of supply chain activities
- Tools for environmental performance evaluation

Day 3: Sustainable Transportation and Distribution

- Green transportation modes and technologies
- Route optimization for reduced emissions
- Alternative fuels and vehicle electrification
- Last-mile delivery sustainability strategies



Day 4: Green Warehousing and Inventory Management

- Energy-efficient warehouse design and operations
- Sustainable packaging and waste reduction
- Green inventory management practices
- Reverse logistics and circular economy principles

Day 5: Implementing and Managing Green Logistics

- Developing a green logistics strategy
- Change management for sustainability initiatives
- Performance metrics for green logistics
- Future trends in sustainable supply chain management

Practical Wins for Participants

- Ability to conduct comprehensive environmental impact assessments
- Skills to develop and implement a green logistics action plan
- Knowledge to optimize transportation networks for reduced emissions
- Expertise in creating sustainable warehouse management systems

