Sustainable Logistics and Supply Chains Training Course

Professional Development Training Course Outline

Category	Environmental Management and Conservation	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In an era of unprecedented global challenges, from climate change and resource scarcity to increasing consumer demands for corporate responsibility, the conventional model of logistics and supply chain management is no longer viable. Organizations are under immense pressure to embed sustainability into their core operations to mitigate environmental impact, enhance social equity, and ensure long-term economic resilience. This course provides a comprehensive and practical framework for professionals to navigate this transformative landscape. Participants will explore the principles of the triple bottom line (people, planet, profit) and gain the skills to implement strategies that create competitive advantage while fostering a more sustainable, ethical, and circular economy.

Sustainable Logistics and Supply Chains Training Course is designed to empower a new generation of supply chain leaders who can drive change. We will delve into cutting-edge technologies like IoT, AI, and blockchain to enhance supply chain transparency and traceability. The curriculum covers key areas such as carbon footprint reduction, green procurement, and reverse logistics, using real-world case studies to illustrate best practices. By mastering these concepts, professionals will be equipped to build resilient supply chain networks that are not only compliant with evolving regulations but are also positioned for future growth, meeting the expectations of investors, customers, and communities.

Programme Curriculum

Sustainable Logistics and Supply Chains Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Formulate and integrate sustainable supply chain strategies aligned with corporate ESG (Environmental, Social, and Governance) goals.
2. Apply circular economy models, including reverse logistics, product life cycle management, and sustainable packaging, to minimize waste and maximize resource efficiency.
3. Accurately measure and report greenhouse gas (GHG) emissions across all Scope 1, 2, and 3 supply chain activities.
4. Implement strategies for green logistics, including route optimization, fleet electrification, and the adoption of eco-friendly transport modes.
5. Develop and manage responsible sourcing policies, ensuring ethical labor practices and supply chain transparency.
6. Build resilient and agile supply chains that can withstand disruptions and adapt to climate-related risks and geopolitical shifts.
7. Leverage cutting-edge technologies like AI, IoT, and blockchain for enhanced supply chain visibility, traceability, and sustainability reporting.
8. Master sustainable procurement and supplier relationship management, integrating ESG criteria into supplier selection and performance evaluation.
9. Use data analytics and supply chain KPIs to monitor, measure, and continuously improve sustainability performance.
10. Understand and ensure compliance with emerging national and international sustainability regulations and standards (e.g., EUDR, CSDDD).
11. Effectively engage with internal and external stakeholders, including customers, investors, and communities, to build trust and promote shared sustainability goals.
12. Design and execute efficient reverse logistics programs for product returns, recycling, and remanufacturing.
13. Conduct a comprehensive cost-benefit analysis of sustainable initiatives to build a strong business case and demonstrate ROI.

Organizational Benefits

- Demonstrating a commitment to sustainability builds trust and strengthens brand value with consumers, investors, and partners.
- Implementing sustainable practices like waste reduction, energy efficiency, and route optimization leads to significant cost savings.
- A sustainable supply chain is inherently more resilient and better equipped to manage risks from climate change, resource shortages, and regulatory changes.
- Leading with sustainability differentiates the organization and opens up new market opportunities, attracting eco-conscious customers.
- Organizations with strong ESG performance are increasingly favored by investors and can attract more sustainable finance.
- Employees, particularly younger generations, are more likely to work for and remain with companies that have a strong social and environmental purpose.
- Proactive adoption of sustainable practices ensures compliance with evolving regulations, reducing legal and reputational risks.

Target Audience

1. Supply Chain and Logistics Managers.
2. Procurement and Sourcing Officers.
3. Sustainability and ESG Professionals.
4. Operations and Production Managers.
5. Senior Management and C-Suite Executives.
6. Supply Chain Consultants and Analysts.
7. Entrepreneurs and Small Business Owners.
8. Government and NGO Representatives.

Course Modules

Module 1: Foundations of Sustainable Supply Chains

- Introduction to the Triple Bottom Line (People, Planet, Profit) in a supply chain context.
- Key drivers for sustainability.
- Understanding the supply chain?ÇÖs environmental and social impacts
- The business case for sustainability.
- **Case Study:** The **Patagonia** model of using an ethical supply chain to build brand loyalty and drive purpose-driven business growth.

Module 2: Green Logistics and Sustainable Transportation

- Strategies for reducing a company's carbon footprint in transportation.
- Optimizing logistics networks: Route planning, last-mile delivery, and modal shifts.
- Innovations in sustainable transportation.
- Sustainable warehousing and distribution center design.
- **Case Study: Caterpillar's** initiative to reduce carbon emissions by light-weighting inbound shipments and consolidating logistics.

Module 3: Sustainable Procurement and Supplier Engagement

- Integrating ESG criteria into the supplier selection and evaluation process.

- Responsible sourcing and supply chain traceability.
- Supplier relationship management for shared sustainability goals.
- Addressing risks like modern slavery and fair labor practices.
- **Case Study: Unilever's** Sustainable Living Plan, which requires suppliers to meet stringent environmental and social standards to remain in their value chain.

Module 4: The Circular Supply Chain and Reverse Logistics

- Principles of the circular economy: Reduce, Reuse, Recycle, Remanufacture.
- Designing products for disassembly and end-of-life recovery.
- Building efficient reverse logistics systems for returns and product reclamation.
- The role of packaging in sustainability: Reducing plastic and single-use materials.
- **Case Study: Dell's** closed-loop recycling program that uses recycled plastics from old electronics to manufacture new products.

Module 5: Digital Transformation for Supply Chain Transparency

- Leveraging technologies like IoT (Internet of Things) for real-time tracking and monitoring.
- The power of blockchain for immutable supply chain traceability.
- Using AI and predictive analytics for demand forecasting and waste reduction.
- Digital twins and supply chain simulation for scenario planning.
- **Case Study: IBM's** Food Trust platform, which uses blockchain to provide end-to-end traceability for food products, enhancing safety and transparency.

Module 6: Measuring and Reporting Sustainability Performance

- Key Performance Indicators (KPIs) for measuring sustainability in the supply chain.
- Calculating and reporting greenhouse gas (GHG) emissions (Scope 3).
- Understanding sustainability reporting frameworks (e.g., GRI, CDP, SASB).
- Conducting a Life Cycle Assessment (LCA) to evaluate a product?ÇÖs environmental impact.
- **Case Study: Walmart?ÇÖs** Project Gigaton, which mobilizes suppliers to reduce emissions across the value chain, with performance publicly tracked and reported.

Module 7: Supply Chain Risk, Resilience, and Governance

- Identifying and mitigating risks in the supply chain
- Building a resilient and agile supply chain network.
- Business continuity planning and crisis management for sustainability issues.
- Establishing effective supply chain governance and compliance structures.
- **Case Study:** The impact of COVID-19 on global supply chains and how companies like **Toyota** leveraged their existing resilience models to adapt.

Module 8: The Future of Sustainable Supply Chains

- Emerging trends in sustainable logistics: Hyper-localization, reshoring, and on-demand logistics.
- The role of collaboration and shared platforms in achieving industry-wide sustainability.
- Humanitarian logistics and its lessons for building ethical supply chains.
- Developing a personal and organizational roadmap for continuous improvement.
- **Case Study: Maersk's** journey toward carbon-neutral shipping and its partnerships to develop sustainable shipping fuels.

Training Methodology

This course employs a dynamic and interactive training methodology to ensure practical application of knowledge. The approach includes:

- Interactive Lectures.
- Case Study Analysis.
- Group Discussions & Collaborative Exercises.
- Practical Workshops.
- Expert Guest Speakers.
- Action Planning.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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