Sustainable Logistics and Green Supply Chain Management Training Course



28 Dec 2026 - 01 Jan 2027

Milan

5900 € (Per Person)

Ref: #LOG2206_152196

Course Introduction / Overview:

The global business landscape is undergoing a profound transformation, driven by environmental regulations, consumer demand for ethical products, and the urgent need for corporate social responsibility. This shift places the supply chain at the heart of the sustainability agenda. This course provides a comprehensive exploration of green logistics and sustainable supply chain management, moving beyond theoretical concepts to offer actionable strategies and practical tools. Participants will delve into the core principles that govern sustainable operations, learning how to design, implement, and manage supply chains that are not only efficient and cost-effective but also environmentally sound and socially responsible. Drawing on the foundational work of experts like Alan McKinnon, author of "Green Logistics: Improving the Environmental Sustainability of Logistics," this program examines the entire value chain. BIG BEN Training Center has designed this course to empower professionals to lead sustainability initiatives, reduce their organization's carbon footprint, and leverage green practices as a powerful competitive advantage. It is an essential program for any organization committed to building a resilient, future-proof supply chain that aligns with global sustainability goals and enhances brand reputation in a conscious marketplace.

Target Audience / This training course is suitable for:

- Supply Chain Managers and Directors.
- Logistics and Distribution Managers.
- Procurement and Sourcing Professionals.
- Operations Managers.
- Sustainability and Corporate Social Responsibility (CSR) Officers.
- Warehouse and Inventory Managers.
- Fleet Managers.
- Environmental Compliance Specialists.
- Product Development and Quality Assurance Professionals.
- Management consultants focused on operations and sustainability.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Retail and Consumer Goods.
- E-commerce and Direct-to-Consumer Businesses.
- Third-Party Logistics (3PL) and Freight Forwarding.
- Food and Beverage Industry.
- Pharmaceutical and Healthcare Sector.
- Automotive Industry.
- Technology and Electronics Manufacturing.
- Governmental bodies and public sector agencies.
- Construction and Building Materials.

Target Organizations Departments:

- Supply Chain Management Department.
- Logistics and Transportation Department.
- Procurement and Purchasing Department.
- Operations Management.
- Sustainability and Environmental, Social, and Governance (ESG) Department.
- Warehousing and Distribution Centers.
- Corporate Strategy and Planning.
- Compliance and Risk Management.
- Product and Service Development.
- Finance and Investment Departments.

Course Offerings:

By the end of this course, the participants will have able to:

- Develop a strategic framework for integrating sustainability into supply chain operations.
- Analyze and measure the environmental impact of logistics activities, including carbon footprinting.
- Implement green warehousing and sustainable inventory management practices.
- Evaluate and select sustainable transportation modes and optimize logistics networks for efficiency.
- Apply circular economy principles to logistics, including reverse logistics and waste reduction.
- Master sustainable procurement strategies and ethical supplier relationship management.
- Utilize key performance indicators (KPIs) to track and report on sustainability performance.
- Identify and mitigate climate-related risks within the supply chain.
- Leverage technology to enhance supply chain transparency and sustainability.
- Lead change initiatives to foster a culture of sustainability within the organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and highly practical, ensuring that participants can immediately apply their learning in a real-world context. This course moves beyond traditional lectures to create a dynamic learning environment. We utilize a blend of expert-led presentations, in-depth case studies of leading global companies, and collaborative group workshops. Participants will engage in hands-on exercises, such as carbon footprint calculations and sustainable supplier scorecard development, to solidify their understanding of key concepts. Interactive sessions and facilitated discussions encourage the sharing of experiences and challenges, fostering a rich peer-to-peer learning network. Practical simulations of supply chain decision-making will challenge participants to balance economic, environmental, and social factors. Continuous feedback from the instructor and peers is a core component of the program, ensuring a deep and lasting comprehension of green logistics and sustainable supply chain management principles. The focus is on building tangible skills and strategic capabilities, empowering attendees to drive meaningful change within their organizations.

Course Agenda (Course Units):

Unit One: Foundations of Sustainable Supply Chain Management

- Introduction to sustainability and the triple bottom line.
- The role of Environmental, Social, and Governance (ESG) criteria in supply chains.
- Global sustainability goals and their impact on logistics.
- Key drivers for green logistics: regulatory, market, and ethical pressures.
- The business case for a sustainable supply chain.
- Understanding the complete product life cycle.
- Introduction to key frameworks and standards (e.g., ISO 14001).

Unit Two: Green Logistics Operations and Practices

- Sustainable transportation management and mode selection.
- Strategies for reducing fuel consumption and emissions.
- Principles of green warehousing and sustainable facility management.
- Eco-friendly packaging design and material selection.
- Waste reduction and management in logistics operations.
- Implementing effective reverse logistics and closed-loop supply chains.
- Water and energy conservation techniques in distribution centers.

Unit Three: Measurement, Analytics, and Reporting

- Developing Key Performance Indicators (KPIs) for green logistics.
- Methodologies for calculating the supply chain carbon footprint.
- Introduction to Life Cycle Assessment (LCA) for products and services.
- Sustainability reporting frameworks (GRI, SASB).
- Data collection and analysis for sustainability performance.
- Tools and software for tracking environmental impact.
- Communicating sustainability performance to stakeholders.

Unit Four: Strategic Integration and Sustainable Procurement

- Designing a sustainable supply chain strategy.
- Integrating sustainability into corporate strategy.
- Principles of sustainable procurement and ethical sourcing.
- Developing a supplier code of conduct.
- Methods for evaluating and auditing supplier sustainability.
- Building collaborative relationships with suppliers for green initiatives.
- The role of technology (IoT, AI, Blockchain) in enabling sustainable supply chains.

Unit Five: Risk, Resilience, and the Future of Green Logistics

- Identifying and managing climate-related risks in the supply chain.
- Building resilient and adaptive sustainable supply chains.
- The social dimension: labor rights and community engagement in the supply chain.
- Innovation and future trends in green logistics.
- Leading organizational change towards a sustainability culture.
- Developing a personal action plan for implementation.
- Final project presentation: Designing a green logistics initiative.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

Beyond cost savings and compliance, how can a truly integrated sustainable supply chain become a core driver of brand value and competitive advantage in a globalized market?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by offering a holistic and strategic perspective that transcends basic operational tactics. While many programs focus narrowly on specific aspects like green transportation, this curriculum integrates every facet of the supply chain, from sustainable procurement and ethical sourcing to advanced analytics and ESG reporting. We emphasize a data-driven approach, equipping participants not just with the "what" but the "how" of measuring, managing, and reporting on sustainability performance using established frameworks and KPIs. A key differentiator is our focus on the strategic implementation of circular economy principles, moving beyond simple waste reduction to redesigning entire logistics flows for maximum value recovery. Furthermore, the course content is forward-looking, addressing critical contemporary issues such as climate-related risk mitigation, supply chain resilience, and the transformative role of digital technologies like AI and blockchain in creating transparent and accountable supply chains. The program is designed to cultivate strategic leaders who can build a compelling business case for sustainability and drive cultural change, making it an investment in long-term organizational value rather than just a technical skills workshop.