Sustainable Procurement and Green Supply Chain Management Training Course



21 - 25 Dec 2026

Lisbon

4500 € (Per Person)

Ref: #PSC3935_143691

Course Introduction / Overview:

This course provides a comprehensive exploration of sustainable procurement and green supply chain management, essential disciplines for modern organizations aiming for long-term resilience and competitive advantage. In an era of increasing environmental regulations, consumer demand for ethical products, and corporate social responsibility (CSR) imperatives, integrating sustainability into the supply chain is no longer optional but a strategic necessity. This program, offered by BIG BEN Training Center, is designed to equip professionals with the knowledge and tools to transform their supply chains into models of efficiency, ethics, and environmental stewardship. Drawing on foundational concepts like the "Triple Bottom Line" framework popularized by author John Elkington, the course delves into practical strategies for implementation. Participants will learn to navigate the complexities of sustainable sourcing, green logistics, and circular economy principles, as detailed in seminal works like "Green Supply Chain Management" by Joseph Sarkis. This training moves beyond theoretical discussions to provide a clear roadmap for designing, executing, and measuring a successful green supply chain strategy from A to Z, ensuring a positive impact on both the planet and the bottom line.

Target Audience / This training course is suitable for:

- Procurement Managers and Directors.
- Supply Chain and Logistics Professionals.
- Sustainability and CSR Officers.
- Operations and Production Managers.
- Sourcing and Purchasing Specialists.
- Quality Assurance and Compliance Managers.
- Environmental, Health, and Safety (EHS) Professionals.
- Product Development and Design Teams.
- Corporate Strategy and Risk Management Leaders.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Retail and Consumer Packaged Goods (CPG).
- Logistics, Transportation, and Freight Forwarding.
- Energy, Oil, and Gas sectors.
- Pharmaceutical and Healthcare industries.
- Construction and Real Estate Development.
- Food and Beverage Production and Distribution.
- Technology and Electronics Manufacturing.
- Governmental Agencies and Public Sector Organizations.

Target Organizations Departments:

- Procurement and Purchasing Department.
- Supply Chain Management Department.
- Logistics and Distribution Department.
- Corporate Social Responsibility (CSR) and Sustainability Department.
- Operations Management Department.
- Environmental, Health, and Safety (EHS) Department.
- Quality Control and Assurance Department.
- Finance and Risk Management Department.
- Product Design and Innovation Department.

Course Offerings:

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

- Develop a robust sustainable procurement policy aligned with organizational goals.
- Integrate environmental, social, and governance (ESG) criteria into supplier selection and evaluation.
- Implement green logistics strategies to reduce carbon footprint and operational costs.
- Apply circular economy principles to minimize waste and maximize resource value.
- Conduct a basic Life Cycle Assessment (LCA) to understand product environmental impact.
- Establish key performance indicators (KPIs) to measure and track sustainability performance.
- Navigate international standards such as ISO 20400 for sustainable procurement.
- Communicate sustainability achievements effectively through transparent reporting.
- Identify and mitigate social and environmental risks within the global supply chain.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, practical, and engaging, ensuring participants can immediately apply their learning in a real-world context. This course moves beyond traditional lectures by incorporating a blended learning approach that includes expert-led presentations, in-depth case study analyses of companies pioneering green supply chains, and collaborative group workshops. Participants will actively engage in exercises such as developing a sustainable supplier scorecard, mapping a product's life cycle, and simulating negotiation scenarios focused on integrating sustainability clauses into contracts. Interactive sessions, facilitated discussions, and peer-to-peer learning are central to the course, allowing for a rich exchange of ideas and experiences. Ample time is dedicated to practical application and feedback, enabling attendees to build a tangible action plan for their own organizations. This hands-on, experiential approach ensures a deep and lasting understanding of sustainable procurement and green supply chain principles.

Course Agenda (Course Units):

Unit One: Foundations of Sustainable Supply Chain Management

- Introduction to Sustainable Procurement and Green Supply Chains.
- The Business Case for Sustainability: Risk, Reputation, and ROI.
- Understanding the Triple Bottom Line: People, Planet, Profit.
- Key Drivers: Regulatory Pressures, Consumer Demand, and Investor Expectations.
- Global Sustainability Frameworks and Standards (e.g., UN SDGs, ISO 20400).
- Core Concepts: Corporate Social Responsibility (CSR) and ESG.
- Identifying and Mapping Supply Chain Environmental and Social Impacts.

Unit Two: Strategic Sustainable Sourcing and Procurement

- Developing a Sustainable Procurement Policy and Strategy.
- Integrating Sustainability Criteria into the Procurement Process.
- Supplier Screening, Selection, and Qualification.
- Conducting Supplier Audits for Social and Environmental Compliance.
- Building Collaborative Supplier Relationships for Sustainability.
- Ethical Sourcing: Tackling Issues like Forced Labor and Fair Wages.
- Managing Supplier Diversity and Inclusion Programs.

Unit three: Green Logistics and Operations

- Principles of Green Logistics and Transportation Management.
- Optimizing Transportation Routes to Reduce Carbon Emissions.
- Sustainable Warehousing: Energy Efficiency and Waste Reduction.
- Eco-Friendly Packaging Solutions and Strategies.
- Implementing Reverse Logistics and Product Take-Back Programs.
- Waste Management Hierarchy: Reduce, Reuse, Recycle.
- Water and Energy Conservation in Supply Chain Operations.

Unit Four: The Circular Economy and Product Life Cycle

- Introduction to the Circular Economy Model vs. the Linear Model.
- Designing Products for Durability, Repairability, and Recyclability.
- Understanding Life Cycle Assessment (LCA) Methodology.
- Conducting a Simplified LCA for a Product or Service.
- Strategies for Extending Product Lifespan.
- Implementing Closed-Loop Supply Chains.
- Case Studies of Successful Circular Economy Implementations.

Unit Five: Measurement, Reporting, and Future Trends

- Developing Key Performance Indicators (KPIs) for Supply Chain Sustainability.
- Frameworks for Sustainability Reporting (GRI, SASB).
- Calculating and Reporting the Supply Chain Carbon Footprint.
- The Role of Technology: Blockchain, AI, and IoT in Sustainable Supply Chains.
- Communicating Sustainability Performance to Stakeholders.
- Building a Culture of Sustainability within the Organization.
- Developing a Final Roadmap for a Sustainable Supply Chain Transformation.

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 compliance and cost savings, how can a truly sustainable supply chain become a primary driver of brand innovation and market leadership?

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

This course distinguishes itself through its holistic and strategic approach, positioning sustainable procurement not merely as a compliance function but as a core driver of business value and innovation. While other programs may focus narrowly on green purchasing, this curriculum provides a comprehensive, end-to-end framework that integrates sustainable sourcing, green logistics, and the circular economy into a cohesive strategy. A key differentiator is the strong emphasis on practical application and measurement; participants do not just learn the theory but actively work on developing tangible tools like supplier scorecards, performance dashboards, and implementation roadmaps. The content is forward-looking, exploring the impact of emerging technologies like AI and blockchain on supply chain transparency and traceability. By grounding complex concepts in real-world case studies and interactive workshops, the course moves beyond abstract principles to deliver actionable insights, empowering professionals to lead transformative change and build resilient, future-proof supply chains that are both profitable and responsible.