

Course No. 1949

Green Procurement & Environmental Sustainability Training Course

**SUSTAINABLE PROCUREMENT & SUPPLY CHAIN RESILIENCE
PROCUREMENT, CONTRACTS & SUPPLY CHAIN**

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The Green Procurement & Environmental Sustainability Training Course provides a practical and strategic framework for integrating environmental sustainability into procurement policies, sourcing decisions, supplier evaluation, contracting, and purchasing operations. The course focuses on how organizations can use procurement as a powerful mechanism for reducing environmental impact while maintaining value, quality, cost efficiency, and operational performance.

Participants will explore the principles of green procurement and examine how environmental considerations can be incorporated throughout the procurement lifecycle, from needs assessment and specifications development to supplier selection, contract management, performance monitoring, and end-of-life considerations. Particular attention is given to evaluating products and services based on their environmental characteristics and total lifecycle impact.

The program addresses key environmental dimensions including carbon emissions, energy efficiency, resource consumption, waste reduction, sustainable materials, pollution prevention, circular economy principles, sustainable logistics, and environmentally responsible supplier practices. Participants will also examine practical approaches for establishing environmental criteria and integrating them into tenders, requests for proposals, supplier assessments, and contracts.

Through practical exercises, procurement scenarios, supplier assessments, lifecycle analysis, specification development, and performance measurement activities, participants will develop the skills required to design and implement effective green procurement practices aligned with organizational sustainability objectives.

Objectives

- By the end of the course, participants will be able to:
- Analyze the strategic role of green procurement in achieving environmental sustainability objectives.
- Assess environmental impacts associated with products, services, suppliers, and procurement activities.
- Develop green procurement policies, standards, and implementation principles.
- Integrate environmental criteria into procurement specifications and sourcing decisions.

- Evaluate suppliers according to environmental performance and sustainability practices.
- Apply lifecycle thinking when comparing products, materials, and services.
- Incorporate environmental requirements into tenders, requests for proposals, and contracts.
- Assess opportunities to reduce carbon emissions, waste, resource consumption, and pollution through procurement.
- Apply circular procurement principles to purchasing and supplier management.
- Develop environmental supplier evaluation and performance-monitoring mechanisms.
- Establish measurable environmental procurement indicators and targets.
- Strengthen collaboration between procurement, sustainability, operations, finance, and suppliers.
- Identify environmental risks within procurement and supply networks.
- Improve transparency and documentation of green procurement decisions.
- Develop a practical roadmap for implementing and continuously improving green procurement.

Who Should Attend

This course is designed for procurement and purchasing managers, sourcing professionals, category managers, contract managers, supply chain professionals, logistics specialists, and procurement analysts responsible for supplier selection, purchasing decisions, tendering, and contract administration.

It is also suitable for sustainability and environmental professionals, facilities and operations managers, quality professionals, risk and compliance specialists, finance professionals, internal auditors, and governance teams involved in organizational sustainability and responsible procurement.

The program is particularly relevant to government entities, municipalities, banks and financial institutions, oil and gas companies, manufacturing organizations, construction and infrastructure companies, healthcare institutions, hospitality organizations, and large corporations seeking to reduce environmental impact through their procurement activities.

Learning Outcomes

- By the end of the course, participants will be able to:
- Explain the principles and business value of green procurement.
- Identify environmental impacts across the procurement lifecycle.
- Assess the environmental characteristics of products, materials, and services.
- Develop environmental procurement criteria for different purchasing categories.
- Incorporate sustainability requirements into procurement specifications.
- Evaluate suppliers using structured environmental performance criteria.
- Apply lifecycle cost and environmental impact considerations in procurement decisions.
- Assess opportunities for reducing energy consumption, emissions, waste, and resource use.
- Develop environmentally responsible tender and contract requirements.
- Apply circular economy concepts to procurement decisions.
- Establish supplier environmental performance indicators.
- Monitor and document environmental procurement performance.
- Identify and address environmental risks within supplier networks.
- Support organizational sustainability reporting with procurement-related data.
- Develop practical improvement initiatives for green procurement programs.
- Build an implementation roadmap for embedding environmental sustainability into procurement operations.

Course Outline

DAY 01

Green Procurement Principles and Environmental Sustainability

- Understanding green procurement and sustainable purchasing.
- Strategic importance of environmental sustainability in procurement.
- Environmental impacts of procurement decisions.
- The procurement lifecycle and environmental considerations.
- Organizational sustainability objectives and procurement alignment.

DAY 01 — CONTINUED

- Environmental priorities and stakeholder expectations.
- Identifying environmentally sensitive procurement categories.
- Sustainable materials, products, and services.
- Environmental risk identification within procurement.
- Governance principles for green procurement.

PRACTICAL APPLICATION

Assess a procurement category and identify its major environmental impacts and opportunities for improvement.

DAY 02

Green Specifications, Supplier Selection, and Environmental Criteria

- Developing environmentally responsible procurement specifications.
- Environmental criteria for products and services.
- Energy efficiency and resource efficiency requirements.
- Sustainable materials and responsible product design.
- Waste prevention and packaging requirements.
- Environmental supplier qualification.
- Supplier environmental assessment and screening.
- Environmental certifications and supporting evidence.
- Supplier environmental policies and practices.
- Integrating environmental criteria into evaluation models.
- Balancing environmental performance with quality, cost, and operational requirements.

PRACTICAL APPLICATION

Develop green procurement criteria and a supplier evaluation model for a selected procurement category.

DAY 03

Green Tendering, Contracting, and Lifecycle Evaluation

- Integrating environmental requirements into tender documents.
- Environmental criteria in requests for proposals.
- Weighting environmental factors within supplier evaluation.
- Green contract clauses and supplier obligations.
- Environmental performance requirements and targets.
- Lifecycle thinking in procurement decisions.
- Lifecycle cost considerations.
- Evaluating environmental impacts across product and service lifecycles.
- Total value assessment beyond purchase price.
- Managing supplier environmental commitments.
- Contract monitoring and environmental compliance.

PRACTICAL APPLICATION

Design a green tender evaluation framework incorporating environmental, commercial, technical, and lifecycle considerations.

DAY 04

Circular Procurement, Carbon Reduction, and Sustainable Supply Chains

- Principles of circular procurement.
- Reuse, refurbishment, repair, recycling, and resource recovery.
- Sustainable product and material selection.
- Waste minimization through procurement.
- Sustainable packaging and material efficiency.
- Carbon emissions and procurement decisions.
- Energy-efficient products and services.
- Sustainable transportation and logistics.
- Local sourcing and environmental considerations.

DAY 04 — CONTINUED

- Supplier collaboration for environmental improvement.
- Building environmentally responsible supply chains.

PRACTICAL APPLICATION

Develop a circular procurement initiative aimed at reducing waste, resource consumption, and environmental impact.

DAY 05

Green Procurement Performance, Governance, and Implementation

- Establishing green procurement governance.
- Defining roles, responsibilities, and accountability.
- Developing green procurement policies and procedures.
- Environmental procurement performance indicators.
- Setting targets and measuring progress.
- Supplier environmental performance monitoring.
- Environmental data, documentation, and evidence.
- Green procurement dashboards and management reporting.
- Identifying implementation barriers and change requirements.
- Continuous improvement of green procurement practices.
- Prioritizing environmental procurement initiatives.
- Developing a phased implementation strategy.

FINAL WORKSHOP

Develop an integrated Green Procurement & Environmental Sustainability Program covering policy, environmental criteria, supplier assessment, green tendering, contracting, lifecycle evaluation, circular procurement, carbon reduction, performance measurement, governance, and implementation priorities.



Register or Request More Information

Course page: <https://quest-training.com/courses/green-procurement-environmental-sustainability-training-course>

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