

COST REDUCTION STRATEGIES IN SUPPLY CHAIN

"Driving Efficiency, Profitability, and Value Through Strategic Cost Optimization"

Schedule

Date	Venue	Fees (Face-to-Face)
17 - 21 May 2026	Kuwait	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

In increasingly competitive markets, supply chain leaders face the dual challenge of improving service while cutting operational costs. This intensive course is designed to equip professionals with advanced cost-reduction strategies across the end-to-end supply chain—from sourcing to final delivery.

Participants will explore tools to analyze cost drivers, implement lean practices, optimize inventory, reduce procurement expenses, streamline logistics, and harness technology for savings. The course emphasizes practical solutions that increase efficiency without compromising quality or customer satisfaction.

Objectives

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

- Identify and analyze major cost drivers across the supply chain
- Implement cost-reduction strategies in procurement, warehousing, and logistics
- Apply lean and six sigma principles to reduce waste and inefficiencies
- Use key performance indicators (KPIs) to monitor and drive cost control
- Leverage technology and supplier collaboration for long-term savings

Why Attend

- Discover proven cost-saving techniques used by world-class supply chains
- Boost profitability by reducing excess, waste, and hidden operational costs
- Master inventory right-sizing, freight cost reduction, and supplier negotiation
- Gain insights into automation and digital supply chain transformation
- Enhance your ability to lead cost-cutting initiatives without sacrificing service

Target Audience

This program is designed for:

- Supply chain managers, analysts, and planners
- Procurement and sourcing professionals
- Logistics and warehouse supervisors
- Operations and production leaders
- Anyone responsible for optimizing supply chain costs

Individual Benefits

Key competencies that will be developed include:

- Cost structure analysis and savings opportunity identification
- Lean and just-in-time (JIT) inventory practices
- Contract negotiation and supplier cost management
- Use of TCO (total cost of ownership) in decision-making
- Hands-on tools for logistics optimization and process redesign

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced procurement, logistics, and inventory holding costs
- Improved supply chain agility and process performance
- Better visibility and control over cost drivers and risks
- Increased ROI through streamlined operations and partnerships
- Sustainable cost management aligned with strategic goals

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Global benchmarks, lean frameworks, cost models
- Case Studies - Cost-reduction programs in manufacturing, retail, and logistics
- Workshops - Cost mapping, root cause analysis, inventory right-sizing
- Peer Exchange - Cross-industry lessons and tools for savings
- Tools - TCO calculators, ABC analysis, KPI dashboards, VSM templates

Course Outline

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Understanding Supply Chain Cost Structures

- Module 1: Cost Elements in the Supply Chain (07:30 - 09:30) • Direct vs. indirect costs, fixed vs. variable, cost-to-serve
- Module 2: Mapping Cost Drivers and Hidden Costs (09:45 - 11:15) • Process inefficiencies, poor design, complexity
- Module 3: Total Cost of Ownership (TCO) Framework (11:30 - 01:00) • Acquisition, operating, and disposal cost elements
- Module 4: Workshop - Supply Chain Cost Mapping (02:00 - 03:30) • Analyze and visualize end-to-end costs for a sample case

Day 2: Procurement and Inventory Optimization

- Module 5: Strategic Sourcing and Supplier Costing (07:30 - 09:30) • Spend analysis, cost modeling, negotiation levers
- Module 6: Inventory Management Strategies (09:45 - 11:15) • EOQ, safety stock, reorder points, ABC analysis
- Module 7: Demand Planning and Forecast Accuracy (11:30 - 01:00) • Forecast error reduction and its impact on cost
- Module 8: Workshop - Inventory Right-Sizing Exercise (02:00 - 03:30) • Apply inventory tools to reduce holding costs

Day 3: Warehousing and Logistics Cost Control

- Module 9: Warehouse Cost Drivers and Optimization (07:30 - 09:30) • Layout efficiency, picking methods, storage density
- Module 10: Transportation and Freight Cost Reduction (09:45 - 11:15) • Mode selection, load optimization, consolidation
- Module 11: Outsourcing and 3PL Cost Models (11:30 - 01:00) • Contracting, service levels, risk sharing
- Module 12: Workshop - Design a Cost-Optimized Distribution Plan (02:00 - 03:30) • Balance service levels and transport spend

Day 4: Lean, Six Sigma & Waste Elimination

- Module 13: Lean Supply Chain Principles (07:30 - 09:30) • 8 wastes, value stream mapping (VSM), flow vs. batch
- Module 14: Six Sigma in Logistics and Operations (09:45 - 11:15) • DMAIC model, root cause analysis, process control
- Module 15: Process Standardization and Automation (11:30 - 01:00) • Workflow redesign, digitization, and paperless logistics
- Module 16: Workshop - Map and Improve a Value Stream (02:00 - 03:30) • Eliminate bottlenecks and non-value-added steps

Day 5: Performance Management and Digital Enablers

- Module 17: Supply Chain KPIs and Dashboards (07:30 - 09:30) • OTIF, fill rate, cost per order, lead time tracking
- Module 18: Technology for Cost Optimization (09:45 - 11:15) • WMS, TMS, AI, blockchain, RPA in supply chains
- Module 19: Creating a Cost Reduction Roadmap (11:30 - 01:00) • Quick wins vs. long-term initiatives, cost tracking
- Module 20: Final Workshop - Build a 6-Month Cost Reduction Plan (02:00 - 03:30) • Apply tools to design a realistic savings strategy

Certification

Participants will receive a Certificate of Completion in Cost Reduction Strategies in Supply Chain, validating their capability to analyze, plan, and execute cost-optimization initiatives across procurement, inventory, logistics, and supply chain processes.

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