

CREATING LEAN & AGILE SUPPLY CHAINS

“Balancing Efficiency and Responsiveness to Build Resilient, High-Performance Supply Chains”

Schedule

Date	Venue	Fees (Face-to-Face)
03 - 07 May 2026	Kuwait	USD 3495 per delegate

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

Introduction

In today’s volatile and fast-moving markets, supply chains must be both lean—operationally efficient—and agile—capable of rapid response to change. This training equips professionals with strategies to reduce waste, shorten lead times, and improve adaptability across the supply chain.

Combining the principles of lean thinking with agile supply chain models, the course covers demand sensing, inventory flexibility, supplier collaboration, flow management, and digital enablers. Participants will gain tools to design supply chains that are not only cost-effective but also customer-centric and resilient to disruption.

Objectives

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

- Design and implement lean practices to eliminate waste and reduce costs
- Apply agile principles to increase responsiveness to demand variability
- Balance efficiency with flexibility in sourcing, production, and distribution
- Use tools such as value stream mapping (VSM) and kanban to improve flow
- Enhance visibility and collaboration across the supply chain ecosystem

Why Attend

- Master the principles of lean and agile supply chain transformation
- Learn how to shorten lead times, reduce excess inventory, and improve service levels
- Gain insights into managing uncertainty and building supply chain resilience
- Access hands-on tools for waste elimination, demand sensing, and flow optimization
- Enhance supplier, customer, and internal alignment through responsive design

Target Audience

This program is designed for:

- Supply chain and logistics managers
- Operations and production leaders
- Procurement and sourcing professionals
- Process improvement and Lean Six Sigma teams
- Anyone responsible for delivering value through supply chain performance

Individual Benefits

Key competencies that will be developed include:

- Value stream mapping and lean flow analysis
- Agile supply chain frameworks and design thinking
- Pull systems and demand-driven planning
- Collaborative planning and visibility strategies
- Flexibility-building and contingency planning

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved supply chain speed, responsiveness, and reliability
- Reduced operating costs through process streamlining and waste removal
- Enhanced ability to meet customer demands despite market volatility
- Better collaboration with suppliers and service partners
- Support for digital transformation and continuous improvement

Instructional Methodology

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

- Strategy Briefings - Lean thinking, agile models, SCOR integration
- Case Studies - Real-world transformations in retail, manufacturing, and logistics
- Workshops - VSM development, kanban simulations, agile redesign
- Peer Exchange - Cross-industry benchmarking and implementation stories
- Tools - VSM templates, cycle time calculators, agility checklists, flow charts

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: Lean and Agile Supply Chain Concepts

- Module 1: Introduction to Lean & Agile Thinking (07:30 - 09:30) • Principles of lean (waste reduction) and agile (responsiveness)
- Module 2: Supply Chain Segmentation for Flexibility (09:45 - 11:15) • Product variety, lead time drivers, decoupling points
- Module 3: Lean vs. Agile vs. Leagile Models (11:30 - 01:00) • Comparative strategies and hybrid applications
- Module 4: Workshop - Assess Your Current Supply Chain (02:00 - 03:30) • Evaluate strengths and gaps in lean/agile maturity

Day 2: Lean Tools and Process Improvement

- Module 5: Value Stream Mapping (VSM) Fundamentals (07:30 - 09:30) • Process flow, lead time analysis, bottleneck identification
- Module 6: Waste Identification and Elimination (09:45 - 11:15) • The 8 wastes (muda), root cause analysis
- Module 7: Flow and Pull Systems Using Kanban (11:30 - 01:00) • Visual controls, batch vs. flow production, kanban boards
- Module 8: Workshop - Map and Improve a Value Stream (02:00 - 03:30) • Develop a future-state lean flow plan

Day 3: Agile Supply Chain Capabilities

- Module 9: Demand Sensing and Forecasting Agility (07:30 - 09:30) • Real-time data, short interval planning, POS integration
- Module 10: Supply Chain Visibility and Responsiveness (09:45 - 11:15) • Digital tools, alerts, exception management
- Module 11: Supplier Collaboration for Agility (11:30 - 01:00) • Shared planning, replenishment triggers, joint KPIs
- Module 12: Workshop - Design an Agile Network (02:00 - 03:30) • Map out responsive supply chain nodes and flows

Day 4: Flexibility, Resilience & Performance Measurement

- Module 13: Building Flexibility into SC Operations (07:30 - 09:30) • Capacity buffers, alternate sourcing, modular setups
- Module 14: Risk Mitigation and Supply Chain Resilience (09:45 - 11:15) • Scenario planning, business continuity strategies
- Module 15: Lean & Agile KPIs (11:30 - 01:00) • Cycle time, agility index, OEE, responsiveness scores
- Module 16: Workshop - Assess Supply Chain Resilience (02:00 - 03:30) • Conduct a flexibility and risk readiness assessment

Day 5: Implementation and Continuous Improvement

- Module 17: Roadmapping Lean-Agile Transformation (07:30 - 09:30) • Phased rollout, quick wins, long-term culture change
- Module 18: Digital Enablers - IoT, AI, RPA in Agile SC (09:45 - 11:15) • Enabling faster decision-making and flow optimization
- Module 19: Finalizing the Strategy and Change Management (11:30 - 01:00) • Stakeholder alignment, training, KPIs, resistance handling
- Module 20: Final Workshop - Build Your Lean & Agile Roadmap (02:00 - 03:30) • Develop a tailored implementation plan for your organization

Certification

Participants will receive a Certificate of Completion in Creating Lean & Agile Supply Chains, confirming their ability to design, implement, and lead lean-agile transformation initiatives for supply chain excellence, efficiency, and adaptability.

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