Lean Supply Chain Management

5 – 9 April 2027
Singapore (Singapore)



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Introduction

Lean Supply Chain Management is one of the most effective approaches for enhancing operational efficiency and reducing waste across every stage of the supply chain. This methodology focuses on streamlining processes, improving the flow of materials and information, and increasing responsiveness to market changes. Beyond cost reduction, Lean supply chains are designed to deliver greater customer value while strengthening organizational resilience.

This program is tailored for executives, team leaders, and professionals across sectors such as energy, banking, telecommunications, human resources, marketing, sales, and project management. It equips participants with the knowledge and tools to redesign supply chains that are more agile, efficient, and sustainable.

Course Objectives

- Understand the key principles of Lean Supply Chain Management.
- Apply tools and techniques to reduce waste and improve efficiency.
- Develop the ability to analyze processes and identify areas for improvement.
- Design supply chain systems that are flexible and responsive.
- Integrate Lean principles into organizational strategies.
- Use performance indicators to measure supply chain effectiveness.
- Learn from global best practices through real-world case studies.
- Build long-term plans for continuous supply chain improvement.

Course Outlines

Day 1: Introduction to Lean Supply Chain Management

- Defining Lean principles in supply chains.
- Key differences between traditional and Lean supply chain approaches.
- Supply chain lifecycle and Lean's role in each stage.
- Reviewing real-world examples of Lean success.
- Group activity: mapping the current supply chain.
- Discussion of common challenges in Lean adoption.



Day 2: Waste Identification & Process Analysis

- Types of waste in supply chain operations.
- Tools for analyzing processes to pinpoint inefficiencies.
- Using value stream mapping to simplify processes.
- Eliminating non-value-added activities.
- Workshop: Creating a value stream map.
- Prioritizing areas for improvement.

Day 3: Improvement Strategies & Practical Applications

- Applying continuous improvement in supply chains.
- Techniques such as Just-in-Time and smooth flow.
- Building supplier partnerships for greater agility.
- Strategies for reducing inventory while ensuring availability.
- Practical exercise: developing a Lean improvement plan.
- Evaluation of proposed solutions.

Day 4: Digital Tools & Performance Indicators

- Overview of technology tools that support Lean practices.
- Designing key performance indicators KPIs.
- Using data for predictive insights and process improvements.
- Preparing reports to measure progress and outcomes.
- Hands-on activity: building a digital monitoring dashboard.
- Case review: how technology accelerates Lean implementation.

Day 5: Evaluation & Continuous Improvement

- Comprehensive review of concepts and tools.
- Assessing organizational readiness for Lean transformation.
- Designing a roadmap for continuous supply chain improvement.
- Creating long-term plans for efficiency and agility.
- Workshop: summarizing key lessons learned.
- Final evaluation and feedback session.



Why Attend this Course? Wins & Losses!

- Reduce waste and enhance operational efficiency.
- Strengthen organizational resilience to market changes.
- Build faster, more sustainable supply chains.
- Improve collaboration with suppliers and customers.
- Gain practical tools to simplify and optimize processes.
- Increase forecasting accuracy and resource planning.
- Improve product and service quality.
- Balance cost reduction with added customer value.

Conclusion

Lean Supply Chain Management is no longer a choice but a necessity for building competitive and resilient organizations. It provides a structured framework to reduce waste, improve process flow, and enhance agility across supply chain operations. Through this program, participants gain practical tools, actionable strategies, and improvement roadmaps that enable them to transform supply chains into efficient, sustainable, and high-performing systems. Adopting Lean in supply chain operations is a strategic step toward achieving long-term organizational excellence.

