Lean Distribution: Optimizing Logistics & Supply Chain Ops

1 – 5 March 2027
Barcelona (Spain)



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Ref: 323071_224050 **Date:** 1 – 5 March 2027 **Location:** Barcelona (Spain) **Fees:** 5200 GBP

Course Description

This 1-week course provides a comprehensive understanding of lean principles and their application in distribution, logistics, and supply chain operations. Participants will learn to identify and eliminate waste, optimize processes, and improve overall efficiency in their operations. The course combines theoretical knowledge with practical exercises to ensure participants can immediately apply lean concepts in their workplace.

Learning Objectives

- Understand the core principles of lean and their relevance to distribution and logistics
- Identify and eliminate various forms of waste in supply chain operations
- Apply lean tools and techniques to optimize warehouse and distribution processes
- Develop strategies for implementing lean practices across the supply chain
- Learn to measure and continuously improve lean initiatives
- Create a culture of continuous improvement within the organization

Course Modules

Day 1: Introduction to Lean Distribution

- Lean principles and their application in distribution
- Types of waste in logistics and supply chain operations
- Value stream mapping for distribution processes
- Lean metrics for distribution and logistics

Day 2: Lean Warehouse Management

- 5S methodology for warehouse organization
- Optimizing warehouse layout and flow
- Inventory management and reduction techniques
- Visual management in warehousing



Day 3: Lean Transportation and Logistics

- Just-in-Time JIT principles in transportation
- Optimizing transportation routes and loads
- Lean approaches to reverse logistics
- Implementing pull systems in logistics

Day 4: Lean Supply Chain Integration

- Supplier integration and lean procurement
- Demand-driven supply chain strategies
- Collaborative planning, forecasting, and replenishment CPFR
- Technology enablers for lean supply chain

Day 5: Implementing and Sustaining Lean Distribution

- Change management for lean implementation
- Developing a lean culture in distribution operations
- Continuous improvement methodologies
- Measuring and sustaining lean improvements

Practical Wins for Participants

- Ability to identify and eliminate waste in distribution processes
- Skills to optimize warehouse layout and inventory management
- Techniques to improve transportation efficiency and reduce costs
- Strategies to foster a culture of continuous improvement in logistics operations

