

# € TRAINING

Purchasing with Construction and Supply  
Chain

1 - 12 September 2024  
Istanbul (Turkey)



# Purchasing with Construction and Supply Chain

REF: L2361 DATE: 1 - 12 September 2024 Venue: Istanbul (Turkey) - Fee: 8775 Euro

## Introduction:

This training program provides comprehensive knowledge and skills in purchasing management, construction project management, and supply chain optimization. It participants to optimize supply chain performane to foster organizational success.

## Program Objectives:

At the end of this program, participants will be able to:

- Understand the principles and practices of purchasing, construction management, and supply chain operations.
- Develop strategies to streamline procurement processes and enhance supplier relationships.
- Manage construction projects effectively, from planning to completion, while ensuring quality and compliance.
- Optimize supply chain processes to improve efficiency, reduce costs, and enhance customer satisfaction.
- Utilize technology and data analytics to drive innovation and continuous improvement in purchasing, construction, and supply chain management.

## Targeted Audience:

- Procurement managers and specialists.
- Construction project managers and supervisors.
- Supply chain professionals.
- Operations managers in construction and manufacturing industries.
- Employees seeking to enhance their skills in purchasing, construction, and supply chain management.

## Program Obectives:

### Unit 1:

#### Fundamentals of Purchasing Management:

- Introduction to purchasing management principles and concepts.

- Strategic sourcing and supplier selection strategies.
- Contract negotiation and management best practices.
- Supplier relationship management SRM techniques.
- Legal and ethical considerations in purchasing.

## Unit 2:

### Construction Project Planning and Management:

- Overview of construction project management methodologies.
- Developing project scopes, schedules, and budgets.
- Risk management and compliance in construction projects.
- Managing subcontractors and vendor relationships.
- Quality assurance and control in construction.

## Unit 3:

### Supply Chain Strategy and Optimization:

- Strategic supply chain planning and alignment with organizational goals.
- Inventory management and optimization techniques.
- Transportation and logistics management best practices.
- Warehouse and distribution network optimization.
- Lean and Six Sigma methodologies in supply chain management.

## Unit 4:

### Procurement Process Improvement:

- Analyzing and improving procurement processes.
- Implementing e-procurement solutions and automation.
- Supplier performance measurement and evaluation.
- Sustainable procurement practices.
- Continuous improvement in procurement operations.

## Unit 5:

### Construction Project Execution and Control:

- Monitoring and controlling construction project progress.
- Change management and handling project disruptions.
- Resource allocation and management.
- Ensuring safety and regulatory compliance on construction sites.
- Communication and stakeholder management in construction projects.

## Unit 6:

### Supply Chain Risk Management:

- Identifying and assessing supply chain risks.
- Developing risk mitigation strategies and contingency plans.
- Managing disruptions and building resilience in the supply chain.
- Compliance and regulatory considerations in supply chain risk management.
- Leveraging technology for real-time risk monitoring and management.

## Unit 7:

### Strategic Supplier Relationship Management:

- Developing strategic partnerships with key suppliers.
- Supplier performance evaluation and improvement strategies.
- Collaborative supplier development and innovation initiatives.
- Conflict resolution and dispute management with suppliers.
- Strategies for mitigating supply chain disruptions through strong supplier relationships.

## Unit 8:

### Sustainable Construction Practices:

- Introduction to sustainable construction principles and practices.

- Green building certification programs and standards.
- Sustainable materials sourcing and usage.
- Energy efficiency and waste reduction in construction.
- Designing for environmental and social sustainability in construction projects.

## Unit 9:

### Supply Chain Analytics and Performance Measurement:

- Utilizing data analytics for supply chain optimization.
- Key performance indicators KPIs for measuring supply chain performance.
- Predictive analytics and forecasting in supply chain management.
- Benchmarking and continuous improvement based on data insights.
- Implementing supply chain analytics tools and technologies.

## Unit 10:

### Emerging Technologies in Purchasing, Construction, and Supply Chain Management:

- Overview of emerging technologies such as blockchain, IoT, and AI in purchasing, construction, and supply chain management.
- Applications of emerging technologies for process automation, transparency, and efficiency.
- Case studies and examples of successful implementation of emerging technologies in the industry.
- Considerations for adopting and integrating emerging technologies into existing operations.
- Future trends and opportunities in purchasing, construction, and supply chain management enabled by emerging technologies.