



Supply Chain and Inventory Management



11 - 29 August 2024



Muscat (Oman)

# Supply Chain and Inventory Management

course code: C8070 From: 11 - 29 August 2024 Venue: Muscat (Oman) - course Fees: 3750 Euro

## INTRODUCTION

In today's competitive environment, the best supply chain will win. The chain that offers the highest value to its customers will have the competitive advantage. This requires a broader outlook than just the borders of the company. Indeed, it requires full visibility of all the players in the supply chain. In this conference you will study:

- The various processes in the Supply Chain
- The structure of a Supply Chain
- What makes a Supply Chain successful?
- The role of inventory in the Supply Chain

## CONFERENCE OBJECTIVES

- To define and understand the concept of a Supply Chain
- The role of inventory in the Supply Chain
- Critically determine the amount of spare parts required
- Determining the optimal inventory solution for spare parts
- Implement creative ways of reducing working capital

## CONFERENCE METHODOLOGY

Participants will learn by active participation throughout the programme through the use of programme materials, exercises, questionnaires, training videos and discussion of "real life" issues in their organisations.

## CONFERENCE SUMMARY

This conference covers essential skills that are necessary to plan, execute and control the Supply Chain. The conference begins with the concept of a Supply Chain and will discuss all the aspects relating to Supply Chain Management.

## PROGRAMME OUTLINE

### The Concept of the Supply Chain

- Historic overview of ancient supply chains
- The concept of a Supply Chain
- The five basic processes in a Supply Chain
- Concept of the Value Chain
- Performance measures in Supply Chain Management

### Supply Chain Planning

- Setting up the infrastructure
  - Manufacturers

- Warehouses
- Transportation
- Retailers
- Different Supply Chain scenarios
- Advance Planning and Optimisation
- Inventory decisions in Supply Chain
- Forrester effect

### **Supply Chain Simulation**

- Day three will comprise of a Supply Chain simulation demonstrating the interaction between the different entities in the chain. Participants will get the opportunity to experience first-hand the working (or not!) of a supply chain. On completion, an analysis will be done of lessons learnt

### **Inventory Decisions in Supply Chain**

- Analysing demand patterns
- The effect of information on the Supply Chain
- Inventory decisions:
  - What to stock
  - Where to stock
  - How many to stock

### **Linking the Supply Chain Processes**

- Procurement
- Operations
- Warehousing & Distribution
- Transportation
- Return/recycling

