

Topic: Supply Chain

Course: **DECODING SUPPLY CHAINS**

General information

◆ Aim of the course

Provide participants with the basics of Supply chain management.

◆ Learning goals

- Understand an integrated Supply Chain & optimisation techniques
- Understand segmentation of the Supply Chain
- Get familiar with Demand dynamics and managing demand
- Redesign existing supply chains to use fewer assets (Lean management)
- Understand some new and emergent trends.

◆ Audience

- All Purchasing professionals (Buyers, Category Managers,...) willing to understand Supply Chain management
- Beginners in Supply Chain

◆ Prerequisites

- A good command of English or French
- Have the necessary [technical equipment](#) to follow online courses.

◆ Learning mode & pedagogy

- 1) **Theoretical e-learning** through individual self-paced sessions. This first step has to be considered as the essential pre-work for:
- 2) Learning **application in online group classes**. Participants use actively their knowledge and put it into practice in workshops, role-plays, case studies, presentations and debates.

Theoretical learning content - Estim. duration: 1 hr

3 e-modules:

1. Introducing supply Chain

Supply chain definition - Key actors within the Supply Chain - The Risks in the supply chain - Cross-functional collaboration.

2. Supply Chain Optimisation

Demand Planning & Bullwhip Effect - Supplier Tier 1-Tier 2 & Capacity Planning - Inventory Optimisation - Supply Chain delivery models.

3. Inventories

Inventory Control and Inventory Management, Inventory dilemma, Buyer's role and impact on stock levels



Dates of first & last classes:

In **English**: from 19 May to 16 June 2025

In **French**: from 22 April to 12 May 2025

Programme of the trainer-led classes | 3,5 hrs x 4

I. Supply Chain Management and their flows

- What is Supply Chain management
- Mapping of Supply Chains (Value chain)
- Workshop: Participants' Mapping their Supply Chains
- What is Integrated SCM and the benefits of an Integrated Supply Chain Management

II. Segmenting a Supply Chain

- Business Model Canvas
- SC Model Canvas
- What are the classical 3 flows (Physical, Informational, Financial) in SCM
- Segmenting a Supply Chain (Agile vs Efficient vs Hybrid)

III. Demand dynamics and redesigning supply chain

- Focus on Demand Management
- Inventory, Safety Stock, EOQ, and Inventory Optimization
- Workshop on Inventory management
- Supply Chain Resilience (Case study)

IV. Trends in supply Chain

- The Global Supply Chain – nuances associated with the flows in a global supply chain
- Case-Study: Moving production. What are the key factors to consider when drastically changing your Supply Chain.
- Trends in Supply Chain