

## **SUPPLY CHAIN MANAGEMENT**

### **16 class hours (1 class hour is 45 minutes)**

#### **WHO IS IT FOR?**

It is recommended to specialists working in the tactical areas of the corporate real sector (logistics, production, procurement), who based on their abilities and knowledge also wish to prepare for performing more comprehensive management and senior management tasks, as well. For this it is essential to acquire the knowledge of global value chains, supply chains, their components (processes and relationships), and their management and planning methods, as well.

#### **COURSE AIMS**

Our goal is to strengthen the systematic approach of the course participants (typically specialists working on a tactical level and logistics managers) through the acquired knowledge, to extend the concept of a complex logistic system within a company, and to discuss the effective management of companies and business networks cooperating along real sector processes.

#### **COURSE UNITS**

- Corporate logistics system, supply chain, internal/external supply chain, global value chain, business network
- The operation and the characteristics of traditional supply chains
- The performance of the supply chain (opportunities and limits)
  - The performance of the supply chain in the traditional approach
  - Types of supply chain performance indicators: (1) chain, relationship-level indicator, (2) transaction – relationship – indicators taking into account network effects, as well
  - The prerequisites and difficulties of calculating indicators
- The decisions of establishing an internal supply chain – establishing the structure of the internal supply chain (outsourcing, offshoring, establishment of a delay strategy, the influencing factors, key management considerations)
- Management of the supply chain and its components (business relationships)
  - Management of the entire chain and management tools
  - Progress and development of subsidiaries in the supply chain, in a broader sense in the value chains of global companies
  - Opportunities for SMEs to connect to global supply chains
  - The definition, characteristics and contents of a business relationship, confidence, dominant position and the classical management mechanisms
- The planning tools of the processes and resource requirements of the internal and external supply chain (resource planning in a process approach, CPFS, VMI, S&OP, APS)
- Special supply chains and the characteristics of managing such chains (efficient/lean and flexible/agile supply chains and their characteristics)