COURSE BROCHURE

E-Procurement and Digital Supply Chains

A practical course on digitizing the purchasing cycle, from e-tendering and reverse auctions to e-invoicing, with a realistic look at analytics and AI applications in the supply chain.

Code	HT-SCM-120
Category	Procurement & Supply Chain
Duration	1 week
Level	Intermediate
City	Amsterdam

Introduction

Government entities and large companies across the region are moving to supplier portals, electronic tendering and e-invoicing. Whether that shift succeeds depends on buyers understanding the process and the data before a system is chosen.

Objectives

- Map the source-to-pay path and identify the stages most worth digitizing
- Run electronic requests for quotation and tenders while keeping transparency and an audit trail
- Decide when a reverse auction is suitable and how to design and run one
- Assess analytics, AI and tracking technologies for the supply chain
- Prepare a business case and implementation plan covering data, change management and supplier onboarding

Who should attend

- Procurement and contracts managers and specialists
- Supply chain and logistics officers
- Members of digital transformation and ERP project teams
- Supplier registration and prequalification officers

Skills you will develop

- Digital redesign of purchasing processes
- E-tender and e-auction management
- Item and supplier master data governance
- Procurement system implementation planning

Learning Outcomes

- Assess the digital maturity of a procurement function and name the priority gaps
- Design a reverse auction event with lot structure, bidding rules and award criteria
- Set rules for classifying items and suppliers and cleansing data before migration
- Prepare a phased roadmap with indicators for measuring system adoption

Course Outline

Day 1: The Digital Procurement Landscape

- The two halves of source-to-pay: source-to-contract and procure-to-pay
- Solution types: ERP modules, specialist procurement suites and online marketplaces
- Digital maturity assessment exercise for a procurement department

Day 2: E-Sourcing and E-Tendering

- Supplier registration and prequalification portals and document management
- Electronic RFI, RFQ and tender events, electronic bid opening and the audit trail
- Reverse auctions: types, conditions for success and a simulated auction event

Day 3: Procure-to-Pay Automation and Master Data

- E-catalogs, guided buying and punch-out to supplier catalogs
- Electronic purchase orders, e-invoicing and automated three-way matching
- Item and supplier master data and classification with UNSPSC

Day 4: Digital Supply Chain Technologies

- Supply chain visibility: barcodes, RFID, IoT tracking and control towers
- Analytics and AI use cases: spend classification, demand forecasting and supplier risk monitoring
- Robotic process automation, information security, access rights and protecting bid confidentiality

Day 5: Implementation, Change Management and Project

- The business case and criteria for selecting a system and solution provider
- Supplier onboarding, user training and adoption indicators after go-live
- Applied project in which each team prepares a digital procurement roadmap for a sample organization

Training methodology

Simulated reverse auction with participants playing buyer and suppliers
Process mapping of current and target purchasing flows
Demonstrations of typical e-procurement system screens
Discussion of rollouts that stalled because of data quality or user resistance

Certification

Participants receive a Harbor Training Center certificate of attendance on completing the course.

Upcoming dates

City	Dates	Language	Fee
Amsterdam	21 – 25 June 2027	AR	EUR 5,500

Fees are per participant.

Contact us

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To register and for details, scan the code or visit:

https://harbor4training.com/en/courses/e-procurement-digital-supply-chain