

Modern Port Efficiency Development and Management

Malaga (Spain)

1 - 5 February 2027

UK Training

PARTNER



Modern Port Efficiency Development and Management

Code: SC32 From: 1 - 5 February 2027 City: Malaga (Spain) Fees: 5200 Pound

Introduction

Modern ports are the backbone of international trade and global supply chains. With rapid technological transformation and digital innovation, port efficiency and management excellence have become critical for maintaining competitiveness and sustainability.

This program aims to equip participants with a deep understanding of the strategic role of ports in global logistics, while providing advanced tools and methods to enhance operational and administrative performance through strategic planning, digital transformation, and the adoption of smart and sustainable technologies.

Course Objectives

By the end of this course, participants will be able to:

- Analyze the port's role within international trade and the global supply chain.
- Evaluate port structures – organizational, operational, and service elements – to identify strengths and weaknesses.
- Use Key Performance Indicators KPIs and measurement tools to improve operational efficiency.
- Apply strategic planning techniques, infrastructure development, and multimodal transport linkages to enhance connectivity.
- Manage port development projects expansion, automation, digitalization considering cost, feasibility, risk, and environmental factors.
- Adopt innovative technologies IoT, AI, digitalization to enable smart, sustainable port operations.
- Understand the legal, regulatory, safety/security, and environmental sustainability frameworks governing ports.
- Strengthen public-private partnerships and engage stakeholders to boost overall port performance.

Course Outlines

Day 1: Introduction to Modern Ports and Their Global Role

- Overview of maritime trade and the global vision of ports.
- Types of ports and their related logistics activities.
- Organizational structure of port systems and key stakeholders.
- Case study or site visit if applicable to a local or simulated port environment.

Day 2: Operational Efficiency, KPIs, and Process Analysis

- Core port operations: loading, unloading, storage, and cargo handling.
- Addressing congestion, delays, and costs through process improvement.
- Measuring operational and administrative performance using KPIs.
- Practical analysis tools: simulations, case studies, and process mapping.

The logo for UK Training Partner features the text 'UK Training' in a small, black, sans-serif font, with 'PARTNER' in a large, bold, black, sans-serif font below it. The background of the logo is a stylized chessboard with several chess pieces (a king, a queen, a rook, and a pawn) in gold and silver, set against a backdrop of concentric circles.

Day 3: Strategic Planning, Infrastructure, and Hinterland Connectivity

- Demand forecasting for vessel and cargo movements.
- Infrastructure planning: berths, terminals, warehouses, road/rail access.
- Enhancing multimodal transport connectivity and inland logistics links.
- Building port-hinterland partnerships for integrated logistics services.

Day 4: Technological Development, Automation, Digital Transformation, and Sustainability

- Smart port technologies: IoT, AI, Big Data, and predictive analytics.
- Automation in cargo handling: robotics, automated cranes, and digital operations.
- Environmental sustainability: emissions reduction, energy efficiency, and circular economy.
- Managing organizational change: people, culture, and stakeholder engagement.

Day 5: Project Management, Risk, Legal Frameworks, and Partnerships

- Port project management: feasibility studies, cost estimation, financing, and procurement.
- Legal and regulatory frameworks: safety, security e.g., ISPS, environment, and stakeholder obligations.
- Public-private partnerships PPP and stakeholder collaboration models.
- Group workshop: developing a real-world port improvement action plan.
- Course wrap-up, evaluation, and certificate awarding.

Why Attend this Course: Wins & Losses!

- Gain a solid understanding of how modern ports drive global trade and supply chain efficiency.
- Develop practical skills in operational management, KPI analysis, and process optimization.
- Explore the latest technologies shaping smart and sustainable port operations.
- Learn to manage complex development projects with strategic and analytical insight.
- Build leadership capacity to implement digital transformation and performance excellence initiatives.

Conclusion

The Modern Port Efficiency Development and Management course provides a powerful blend of strategic insight, operational know-how, and technological awareness essential for shaping the future of maritime logistics.

By mastering performance optimization, sustainability integration, and stakeholder engagement, participants will be equipped to transform their ports into world-class, future-ready hubs that drive efficiency, competitiveness, and innovation across the global supply chain.

The graphic features the text 'UK Training' in a small, black, sans-serif font above the word 'PARTNER' in a large, bold, black, sans-serif font. The text is positioned over a background of concentric circles and a chessboard pattern. In the foreground, there are three chess pieces: a silver pawn, a silver knight, and a gold king, standing on the chessboard squares.

UK Training
PARTNER

Blackbird Training Clients

 MANNAI CORPORATION MANNAI Trading Company WLL, Qatar	 GAC UNE FILIALE D' EGA Alumina Corporation Guinea	 Booking.com Booking.com Netherlands	 OXFAM Oxfam GB International Organization, Yemen	 Capital Markets Authority Kuwait
 Waltersmith Waltersmith Petroman Oil Limited Nigeria	 QNB Qatar National Bank (QNB), Qatar	 Qatar Foundation Qatar	 AFRICAN UNION ADVISORY BOARD ON CORRUPTION Tanzania	 KFAS KFS Kuwait
 Reserve Bank of Malawi Malawi	 Central Bank of Nigeria Nigeria	 Ministry of Interior Kingdom of Saudi Arabia KSA	 Mabruk Oil Company Libya	 Saudi Electricity Company KSA
 BPKH Badan Pengelola Keuangan Haji BADAN PENGELOLA KEUANGAN Haji, Indonesia	 NATO Italy	 ENI ENI CORPORATE UNIVERSITY, Italy	 GULF BANK Gulf Bank Kuwait	 General Organization for Social Insurance KSA
 Defence Space Administration Nigeria	 National Industries Group (Holding) Kuwait	 Hamad Medical Corporation Qatar	 USAID Pakistan	 STC STC Solutions, KSA
 North Oil Company North Oil company,	 EKO EKO Electricity	 OMAN BROADBAND Oman Broadband	 UNITED NATIONS UN.	 Authority for Electricity Regulation, Oman Authority for

UK Training
PARTNER

Blackbird Training Categories

Management & Admin

Entertainment & Leisure
Professional Skills
Finance, Accounting, Budgeting
Media & Public Relations
Project Management
Human Resources
Audit & Quality Assurance
Marketing, Sales, Customer Service
Secretary & Admin
Supply Chain & Logistics
Management & Leadership
Agile and Elevation

Technical Courses

Artificial Intelligence (AI)
Sustainability, ESG & Corporate Responsibility
Advanced Courses
Hospital Management
Public Sector
Special Workshops
Oil & Gas Engineering
Telecom Engineering
IT & IT Engineering
Health & Safety
Law and Contract Management
Customs & Safety
Aviation
C-Suite Training