



MEDPORTS TRAINING PROGRAM

SUPPLY CHAIN RESILIENCE



Arab Academy
for Science Technology & Maritime Transport

2021-22



SUPPLY CHAIN



Introduction

MEDports Association is a nonprofit association created in June 2018, gathering 25 Mediterranean Ports authorities representing near 70% of the total traffic handled in the Mediterranean Sea.

MEDports Association aims at creating a new area of collaboration, production and exchange between the Mediterranean ports on common issues and is also promoting the international visibility of the Mediterranean maritime and port area, a true connected and connecting platform between Asia, Africa and Europe.



MED INTERESTS PROMOTION



KNOWLEDGE & BEST PRACTICES SHARING



MEETINGS & NETWORKING SESSIONS ORGANISATION



DIALOGUE WITH DECISIONS MAKERS

R E S I L I E N C E

The activity of the association is organized thanks to the involvement of its members around the six technical committees working on key themes of the sea and port :

- Relations with International Institutions;
- Marketing Statistics and Analysis
- Sustainability
- Safety and Security; Smartport
- Employment, Training and Maritime Expertise; (ETME)

This committee ETME, is focusing on identifying training needs for ports through detection and identification of professional profiles and by promoting training programs for port employees.

The 5 training centers that lead the ETME are: Escola Europea, Arab Academy, L'Institut Marseille, Fundación Valenciaport, Institut Méditerranéen de Formation aux Métiers Maritimes.





SUPPLY CHAIN RESILIENCE

➤➤ Course Introduction

The world is going recently through accelerating and critical stages in the global economy in general and port and supply chains in particular, which drives strongly to search for innovative and effective solutions to ensure competitiveness and sustainability of the port and logistics community, as well as the ability of supply chains to face these challenges. Supply Chain Resilience is the cornerstone and one of the most important pillars that ensure competitiveness of port and supply chains sectors in addition to optimum crises management.

This course focuses on the modern measures and strategies of supply chain management and resilience main pillars that achieve optimum flow of activities In light of the challenges.



Risk Management



Ecosystem



Inventory Buffering



Blockchain



Clustering



Nearshoring

SUPPLY CHAIN RESILIENCE



Course Beneficiaries

Chief Executive Officers, high and middle management levels relevant to supply chain entities, Port Authorities, Container Terminals, Industrial Zones, and Business Development.

Objective

- To Explain Supply chain major strategies and its role in sustainability
- To Identify Supply chain resilience measures
- To highlight the impact of SC resilience facing crises and unexpected disruptive
- To Highlight best practices of Supply chain reliance and its role in enhancing competitiveness in the maritime transport and logistics industry

Duration

The duration of the course will be: **30** hours (**6** days)

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>> Main Topics

- Supply chain resilience and Supply chain clustering concepts
- Supply chain resilience strategies
- Warehouses and capacity buffers
- Supply chain networks diversification strategies
- Supply chain risk management
- Nearshoring and reshoring concepts
- Supply chain Ecosystems and green logistics
- Blockchain technology for enhancing supply chain resilience
- Supply chain resilience assessment and indicators
- Case Studies and Best practices

COORDINATION: Arab Academy for Science, Technology and Maritime Transport

COLLABORATION: L'Institut Marseille, Escola Barcelona, Valencia Port foundation,
The Mediterranean Institute for Training in Maritime Professions (IMFMM)



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Monday 7th of February, 2022 – Cairo Time +2GMT

- 09:30 Opening Ceremony
Prof Akram Soliman Dean of Port Training Institute, AASTMT
Dr. Alaa Morsy Vice Dean of Port Training Institute, AASTMT
Dr. Philippe Guillaumet Secretary General, MEDPorts Association
- 10:00 Introduction to Supply Chain Resilience & Supply Chain Resilience Key Elements
Dr. Sandra Haddad
Vice Dean for Postgraduate Studies and Scientific Research CITL, AASTMT, Egypt.
- 11:00 **Break**
- 11:30 Ensuring Supply Chain Resilience: Development and Implementation and Assessment
Dr. Yann Alix
General Delegate - SEFACIL Foundation & Senior Manager - Abington Advisory, France.
- 14:30 **End of Day**



Tuesday 8th of February, 2022 – Cairo Time +2GMT

- 09:30 Quantitative Methods for Supply Chain Resilience Analysis
Dr. Khaled El-Sakty
Dean of the College of International Transport and Logistics, AASTMT, Egypt.
- 12:15 **Break**
- 12:30 Warehouses and capacity buffers
- 14:30 **End of Day**

*** Note: Short break (15 minutes) will be allowed in between each lecture**

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Wednesday 9th of February, 2022 – Cairo Time +2GMT

- 09:30 Supply Chain Clustering Concepts
Dr. Sandra Haddad
Vice Dean for Postgraduate Studies and Scientific Research CITL, AASTMT, Egypt.
- 12:15 **Break**
- 12:45 Sustainable Operations in Ports and Maritime Transport
Capt. Ibrahim El Attar
Head of Maritime Studies Department, Port Training Institute, AASTMT, Egypt.
- 14:30 **End of Day**
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Thursday 10th of February, 2022 – Cairo Time +2GMT

- 09:30 Supply Chain Networks Diversification Strategies
Mr. Jordi Torrent
Head of Strategy, Port de Barcelona, Spain
- 11:30 **Break**
- 12:00 Supply Chain Resilience Risk Management
Mr. Rafael company
Director of Safety and Security, ValenciaPort Foundation, Spain
- 14:30 **End of Day**

*** Note: Short break (15 minutes) will be allowed in between each lecture**

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Friday 11th of February, 2022 – Cairo Time +2GMT

- 09:30 Smart Governance for Supply Chain
Eng. Marcelle Sharobime
Head of IT – Marketing & Research Sector Head, Alexandria Container & Cargo Handling Co., Egypt.
- 11:15 **Break**
- 11:45 Blockchain Technology for Enhancing Supply Chain Resilience
Prof. Amr El Tawil
Dean, School of Innovative Design Engineering.
Secretary General – E-JUST Board of Trustees, Egypt-Japan University of Science & Technology, Egypt.
- 14:30 **End of Day**
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Saturday 12th of February, 2022 – Cairo Time +2GMT

- 09:30 Supply Chain Resilience Economic Aspects (Impact – Outcomes)
Dr. Zeinab Nawar
Lecturer of Economics and the head of the development committee at the center of Governance, Innovation and green Economy, British University, Egypt.
- 12:15 **Break**
- 12:45 Nearshoring and Reshoring Methodologies and Feasibility
Dr. Mohamed Awad
Planning & Research Manager, National Navigation Co., Egypt.
- 14:30 **End of Day**

*** Note: Short break (15 minutes) will be allowed in between each lecture**



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