



Arab Academy

for Science , Technology and Maritime Transport



The International Maritime Transport
and Logistics Conference

“MARLOG 13”

Towards _____
**Smart Green Blue
Infrastructure**

3-5 March 2024 - Alexandria, Egypt





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Secretary-General
MEDPorts Association

MEDPorts in the era of disruptions
How to adapt to Undertainty





Disruptions

2000-2015

- September 11, 2001
- Iraq and Afghanistan wars
- Tsunami in Asia, 2004
- Financial crisis, 2008

Supply chains have managed to withstand disruptions efficiently ... with resilience, adaptability and flexibility without serious effects on citizens, industry and consumers





From disruptions to uncertainty

2016-2024

- Euro Asian rail
- Cyberattacks to global maritime actors
- Trade war (US/EU/China)
- COVID 19
- Ukraine war
- Middle East (Gaza) & Red Sea crisis
- Panama Canal drought
- EU environmental legislation



- Lack of predictability of international chains
- Loss of reliability of maritime transport
- Huge fluctuations in freight rates
- Port congestion

according to
topics



Adapting to uncertainty

- Increase of manufacturing in Southeast Asia
- Bringing production closer to Western customers: Turkey, Morocco, Eastern Europe & Mexico, Canada
- Reshoring (Ikea, Buff)
- Shippers taking control of the logistics chain (Lidl, Coca-Cola, Amazon, Walmart)
- Using rail (rail transport China-Europe until Ukraine war) and air transport
- De-containerizing (back to bulk, big bags, etc...products previously transported by container)
- Increasing stocks
- Diversifying suppliers
- Accelerating energy transition (alternative fuels production and bunkering: Egypt, Spain, Morocco)
- Vertical and horizontal concentration of the maritime sector

Adapting to uncertainty

One Road & One Belt



Arctic Route



Cape of Good Hope Route



Adapting to uncertainty

MEDports: Diversification, Differentiation, Decarbonisation, Digitalisation



- More capacity (Suez, Tanger, Nador, etc)
- Accelerate energy transition (OPS, bunkering alternative fuels, etc)
- Intermodality (rail motorways, motorways of the sea, etc)
- 5G, AI & PCS 2.0
- New professional profiles (drones, robotics, etc)



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Thank You

