



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري  
Arab Academy for Science, Technology & Maritime Transport



The International Maritime Transport and Logistics Conference "Marlog 9"  
Impacts of the Fourth Industrial Revolution on Port-City Integration  
"World Port Sustainability Program Aspects"

Under the Auspices of

H.E. Mr. Ahmed About Gheit  
Secretary General of the League of the Arab States

H.E. Lieutenant-General Kamel Al-Wazir  
Minister of Transport, Egypt

10-12 October, 2020

*Virtual Conference*

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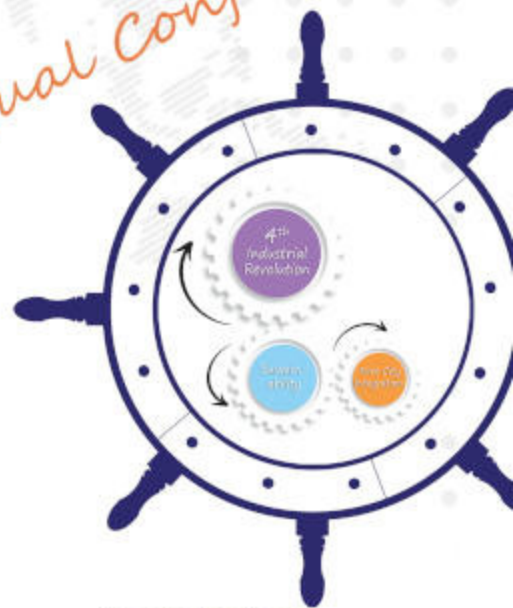
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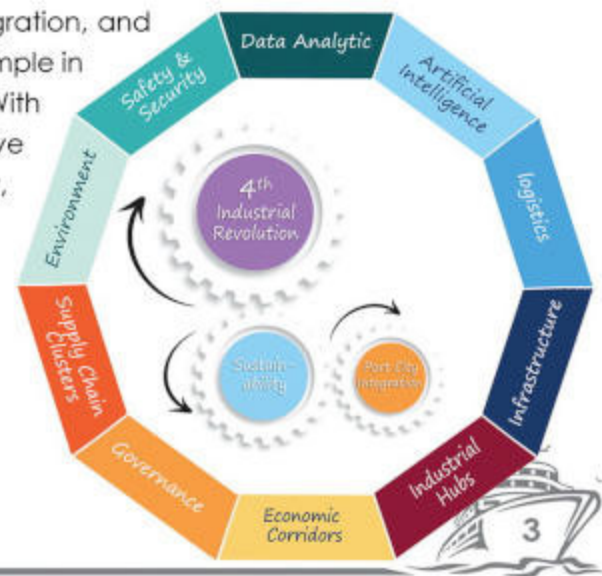
# The International Maritime Transport and Logistics Conference "Marlog 9" Impacts of the Fourth Industrial Revolution on Port-City Integration "World Port Sustainability Program Aspects"

## Introduction

The world changes rapidly due to the technological revolution influencing every aspect of life. The increasingly spreading impact of the 4th Industrial Revolution (4IR) includes economic, social, and environmental interactions with digitization and (IoT), in the same time, arises the debate regarding the vagueness of the best tactics used to utilize the fast paced technological innovation. Owing to the 4IR, the seaports future is encountering rapid and bold changes, and it will provide distinctive options that will also revolutionize Port-City dialogue.

As World Ports Sustainability Program (WPSP) was launched in March 2018, the program aims to demonstrate ports contribution to the 17th Sustainable Development Goals of the United Nations. The program empowers port communities to become involved with business, governmental and societal stakeholders to achieve sustainability for the local communities and wider regions. That is implemented through some major themes (Infrastructure, Climate and energy, Community Outreach, Port-City Dialogue, Safety and security, Governance and Ethics), all serves achieving the sustainable development of ports.

**Marlog 9** conference focuses this year on Port-City Integration, and how it is affected by the 4IR. "Port Cities" are becoming a great example in terms of progress, improvements and environmental development. With the optimum use of 4IR to better enhance economic activity, to involve social and businesses city issues, to seek environmental sustainability, and help port cities in coordinating all activities related to stakeholders involved in shipping, cargo traffic, it will eventually boost and regenerate a modern unconventional economic foundation and obtain an advanced pattern for port-city integration system.



## Themes:

### 1. Stakeholders Perspective of Port City Sustainable Development.

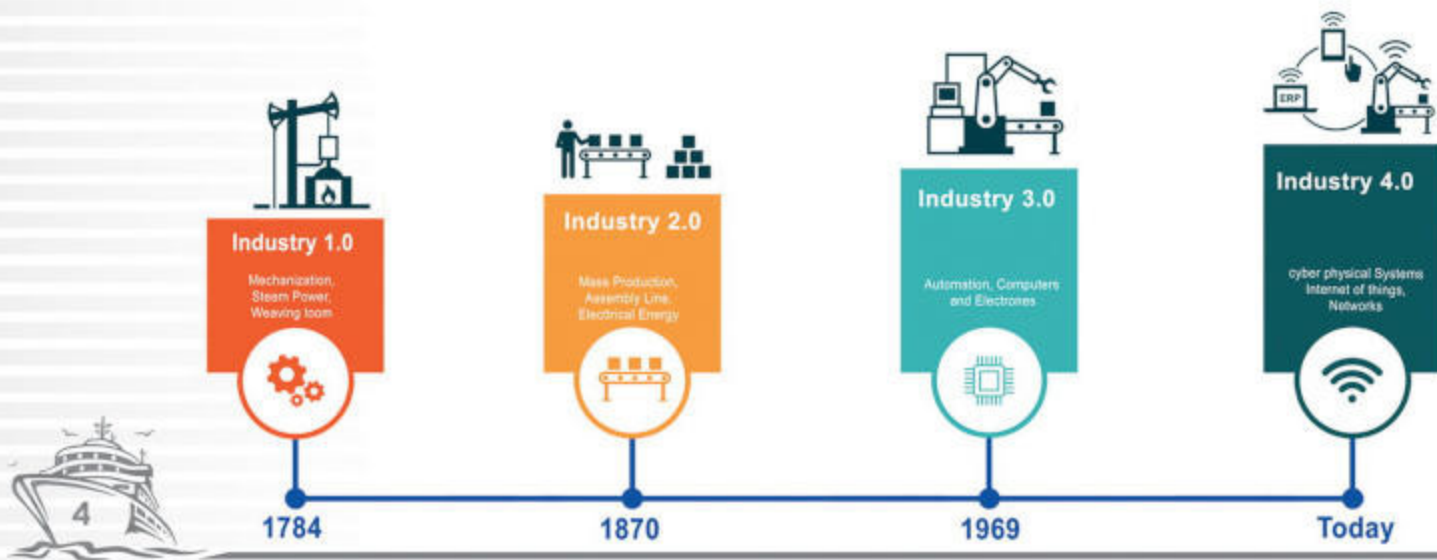
- Resilient infrastructure in ports.
- Sustainable development indicators (SDIs).
- Port planning strategies for sustainable development.
- Policies for curriculum and competencies in the 4IR in ports.
- 4IR applications and its impact on port performance.

### 2. 4IR Economic Impact on Port-City Integration.

- Innovative investments in ports
- Digital economy impact on port-city integration.
- Challenges and opportunities for smart economy in emerging ports.
- Risks of the 4IR applications on ports.

### 3. Role of 4IR Smart Application in Port-City Integration.

- The governance of port cyber security.
- Smart ports and cyber security risks.
- Logistics sector adaptation to the 4th industrial revolution
- 4IR applications and its impact on supply chain management.
- Modern environmental systems management.



#### 4. Smart Ports' Applications and the Maritime Infrastructure.

- 4IR applications and the future of green ports .
- Artificial intelligence applications for port equipment.
- 4IR technologies and its applications in ports.
- Automation and robotics of 4IR in ports.

#### 5. Future Prospects for Port-Cities Related Professions

- Manpower demands in ports according to the expected changes.
- Preparing future port workers: modern port training strategies.
- The 4IR and the corresponding human capital developments.

#### 6. Port-City Corporate Social Responsibility.

- The dynamic evolution of port-city social synergies.
- Role of modern technology in Corporate Social Responsibility (CSR).

#### 7. Impact of Port-City Integration on Port Competitiveness (Case Studies – Success Stories)

4<sup>th</sup>  
Industrial  
Revolution

Sustain-  
ability

Port City  
Integration



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Mrs. Ana Rumbeu Daviu	Training Director, Valencia Port Foundation, Port Authority of Valencia, Spain.





## Important Dates:

- Abstract Submission Deadline: 30/11/2019.
- Abstract Acceptance Notification: 31/12/2019.
- Full Paper Submission Deadline: 1/2/2020



## Conference Fees :

Egyptians:

Registration

500 EGP

Non-Egyptian:

Registration

50 US \$



## Exhibition

### "The International Maritime Expo (IME)" 2020

The first virtual "International Maritime Expo (IME) 2020, targets local, regional and international companies working in Maritime Transport and Logistics. The virtual exhibition this year will represent a great chance to give the participants a virtual experience and an exclusive opportunity to reach out to a wider audience. The Exhibition will gather the largest specialized exhibitions in Egypt, Arab Region and Africa. The Exhibition enables the opportunity for showing the state of the art technology developments in the field of maritime transport and logistics.

#### Exhibitors Profile:

- Cargo Handling Equipment.
- Ship building Industry.
- Marine Technology.
- Dredging Technology.
- Ports and Ships Security Equipment.
- Navigational and Safety Equipment.
- Ports and Ships Services.
- Banks and Financial Services.
- Maritime Insurance Services.
- Port Simulation.
- Information and Communications Technology in Ports.
- Port Operation Equipment.
- IT Applications in Ports.

#### Virtual Exhibition

(Virtual movies between sessions and on the conference website)

Model	Time	EGP Price (Egyptians)	US \$ Price (non-Egyptians)
A	2.5 Minutes	3000 EGP	500 US\$
B	5 Minutes	6000 EGP	1000 US\$
C	6 Minutes	7500 EGP	1500 US\$
D	10 Minutes	12000 EGP	2000 US\$



## Catalog Advertisement Prices:

Number of pages	EGP Price (Egyptians)	US \$ Price (Non-Egyptians)
Half Page	4000 EGP	350 US\$
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Two Pages	6000 EGP	750 US\$



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Exclusive catering.	✓	✓		
Advertising in the Conference printed materials.	2 Pages	1 Pages	½ Page	
The sponsor entertains the privilege of using the conference logo to promote his productions.	6 months	4 months	2 months	



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A discount when wishing to take part in the accompanying exhibition of the conference	100%	50%	25%	15%
Honoring, under the auspices of his excellency the Secretary General of the League of Arab States, and his excellency Minister of Transport in the opening ceremony.	✓	✓	✓	✓
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## Contact US

**Conference :** E-mail : [conference@marlog.aast.edu](mailto:conference@marlog.aast.edu)  
Phone : +20-(0)-3 48 41 128  
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Cell : +20 -(0) 10 0600 9877  
Fax : +20-(0)-3 48 29 930  
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For registration please visit the conference website: <http://marlog.aast.edu>

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