Dr Antonis Michail, Technical Director IAPH / WPSP
MEDports Association - Green Transition for Maritime Transport
Algeciras, 28 April 2022
World Ports Sustainability Program

www.sustainableworldports.org
WPSP Portfolio – 240+ projects

Port of Algeciras – PortXchange
- Spain
- 2020
- Climate and Energy
- Digitalization

Port of Marseille – Jupiter 1000
- France
- 2019
- Climate and Energy

Port of Igoumenitsa – ALFION project
- Greece
- 2022
- Climate and Energy
- Infrastructure

Port of Vigo – Living Ports
- Spain
- 2021
- Climate and Energy
- Environmental Care
- Infrastructure

Port of Valencia – Strategy towards zero emissions by 2030
- Spain
- 2020
- Climate and Energy
- Infrastructure

Port of Genoa – Onshore Power Supply to vessels
- Italy
- 2019
- Climate and Energy
- Environmental Care

https://sustainableworldports.org/submit-your-project/
2022 Sustainability Awards – C&E finalists

DP World Posorja – Mangrove Reforestation
Fiji Ports – Green Port Initiative
Port of Colombo – GHG Emission Reduction

https://sustainableworldports.org/iaph-sustainability-awards-2022
IAPH Technical Committee on Climate and Energy

1. IMO MEPC – GHG emission reduction (submissions / interventions / workshops)

2. Coordination of and contribution to the various initiatives on decarbonizing ports and shipping
Decarbonisation of shipping – Resolution MEPC.323(74)

Voluntary cooperation between ports and shipping on GHG emission reduction from ships

- Onshore Power Supply
- Safe and efficient bunkering of low/zero carbon fuels
- Port incentives
- Port call optimization and JIT
## Port initiatives on decarbonising shipping

<table>
<thead>
<tr>
<th>Area of work</th>
<th>Global port initiatives</th>
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<tbody>
<tr>
<td>A. Port incentives to address GHG emissions from vessels</td>
<td>IAPH Environmental Ship Index</td>
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<td>IAPH Cruise emissions at berth</td>
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<td>World Ports Climate Action Program - WG2</td>
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<td>International Collaboration on Ship Emission Reduction</td>
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<td>B. Bunkering of low and zero carbon fuels</td>
<td>IAPH Clean Marine Fuels WG</td>
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<td>World Ports Climate Action Program - WG4</td>
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<td>Global Ports Hydrogen Coalition / IAPH</td>
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<td>C. Onshore Power Supply from renewable sources</td>
<td>World Ports Climate Action Program - WG3</td>
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<td>GreenVoyage2050 / IAPH</td>
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<tr>
<td>D. Ship voyage and port call optimisation</td>
<td>International Taskforce on Port Call Optimization</td>
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<td>World Ports Climate Action Program - WG1</td>
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<td>IAPH Data collaboration committee / World Bank</td>
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IMO ISWG-GHG 12 and MEPC 78

- Various proposals for mid- and long-term measures
- EC countries – GHG Fuel Standard
- MBMs: Global levy, Cap and trade, Funding and Reward mechanism, Zero Emission Vessels Incentive Scheme
- Just and equitable energy transition of shipping
- Revision of the IMO Initial Strategy
- MEPC 78/11 - Proposal to Designate the Mediterranean Sea as a SECA
Thank you for your attention!

World Ports Conference 2022
16-18 May 2022
Vancouver, BC

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