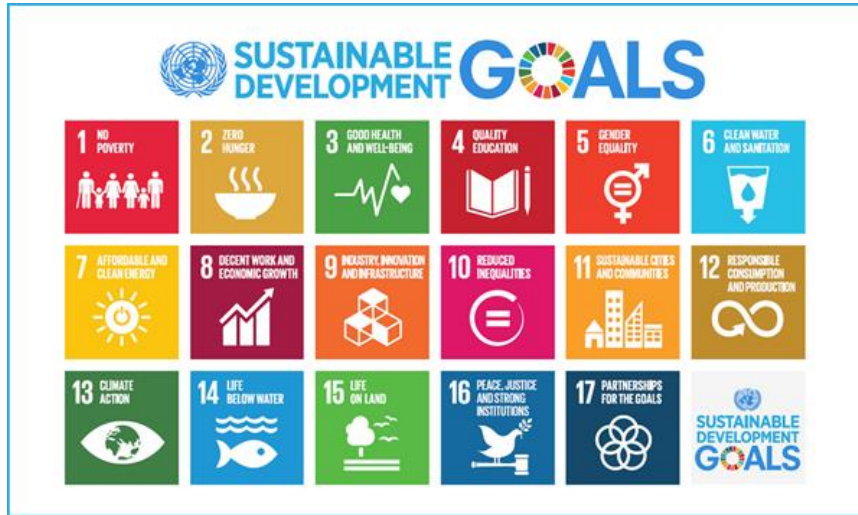


IAPH / WPSP - Decarbonisation of ports and shipping



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

World Ports Sustainability Program



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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 Reforestration**



**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



GREEN VOYAGE
2 0 5 0



Getting to Zero Coalition



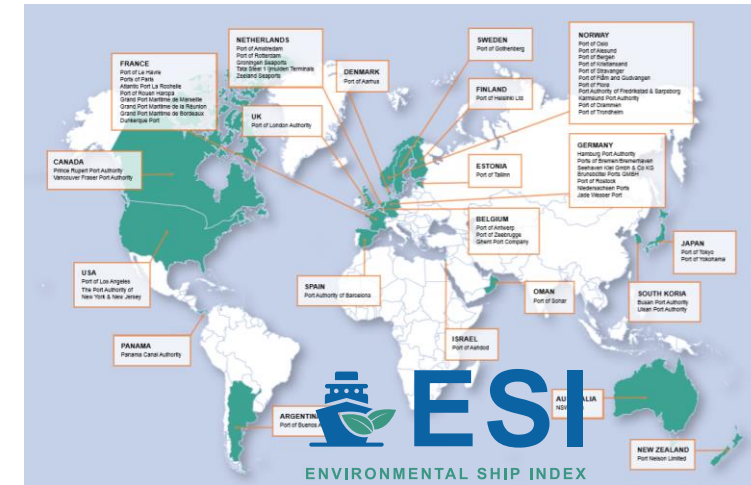
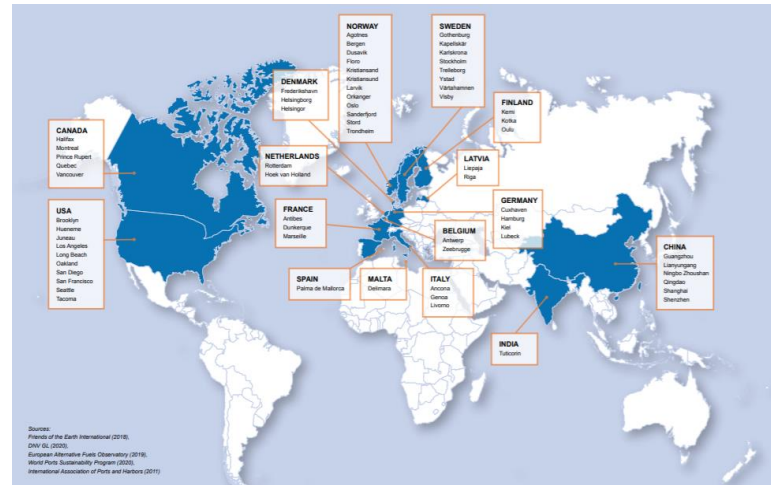
GLOBAL MARITIME FORUM



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

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



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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www.iaphworldports.org / www.sustainableworldports.org /
www.worldportsconference.com