

**Multi-year Expert Meeting
on Transport, Trade Logistics and
Trade Facilitation
8th Session**

**Climate Change Adaptation for Seaports
in Support of the 2030 Agenda
for Sustainable Development**

27–28 October 2020

**World Ports Initiatives on Climate
Change Mitigation and Decarbonisation
of Shipping**

Presentation by

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World Ports initiatives on Climate Change mitigation and decarbonisation of shipping



Dr Antonis Michail, Technical Director IAPH/WPSP

UNCTAD Multi-year Expert Meeting: Climate change adaptation for seaports in
support of the 2030 Agenda for Sustainable Development

28 October 2020, Virtual Meeting



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World Ports Sustainability Program

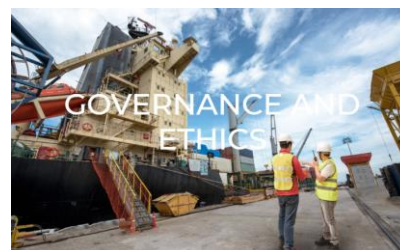
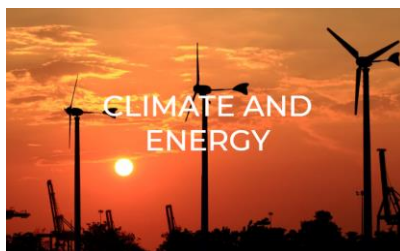


www.sustainableworldports.org



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WPSP Priority Areas



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WPSP port projects portfolio



- ✓ 120 + projects
- ✓ 71 ports
- ✓ 38 countries

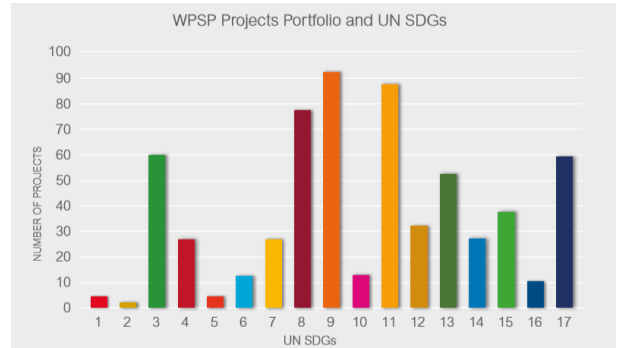
	2018	2019	TOTAL
Resilient infrastructure	7	31	38
Climate and Energy	15	28	43
Community outreach and Port city dialogue	24	44	68
Safety and Security	3	8	11
Governance and Ethics	8	11	19

<https://sustainableworldports.org/submit-your-project/>

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UN SDGs priorities in ports

WPSP Portfolio analysis (120 projects)



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WPSP Platform



- IAPH/WPSP leadership initiatives
- Think-tank for new collaborative projects

Project Partners	Resilient Infrastructure	Climate and Energy	Community Outreach and Port-City Dialogue	Safety and Security	Governance and Ethics
IAPH / WPSP Cruise Project		•	•		•
SDGs and Port Governance	•	•	•	•	•
Environmental Ship Index		•	•		•
PortXL Accelerator	•	•	•	•	•
World Ports Climate Action Program		•	•		•
Clean Marine Fuels		•	•	•	•
Womens' Forum					•
GloMEEP		•	•		•
Navigating a Changing Climate	•	•	•		•
Port Call Optimization	•	•	•		•
Maritime anti-corruption Network					•

www.sustainableworldports.org/platform/

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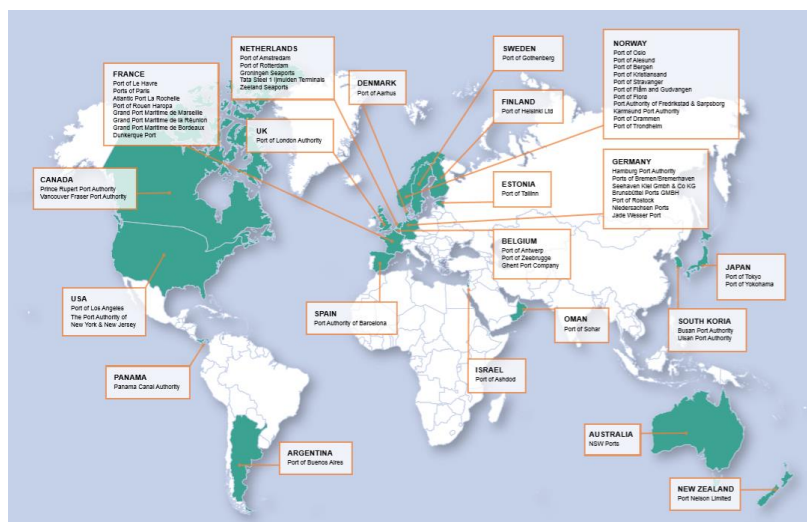
IMO Resolution MEPC.323(74)

Encouraging voluntary cooperation between the port and shipping sectors to contribute to reducing GHG emissions from ships.

- Onshore Power Supply (preferably from renewable sources);
- safe and efficient bunkering of alternative low-carbon and zero-carbon fuels;
- incentives promoting sustainable low-carbon and zero-carbon shipping;
- and support for the optimization of port calls including facilitation of just-in-time arrival of ships.

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Environmental Ship Index (ESI)



<https://www.environmentalshipindex.org>

- The standard Index used by ports worldwide for the provision of incentives to best performing vessels
- 8000+ vessels
- 58 Incentive providers

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Clean Marine Fuels

Clean Marine Fuels

About our CMF Working Group

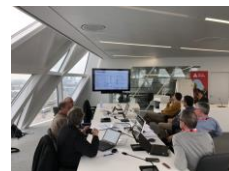
CMF Audit Tool

Bunker checklists

Alternative fuels

Useful links

CLEAN MARINE FUELS



<https://sustainableworldports.org/clean-marine-fuels/>

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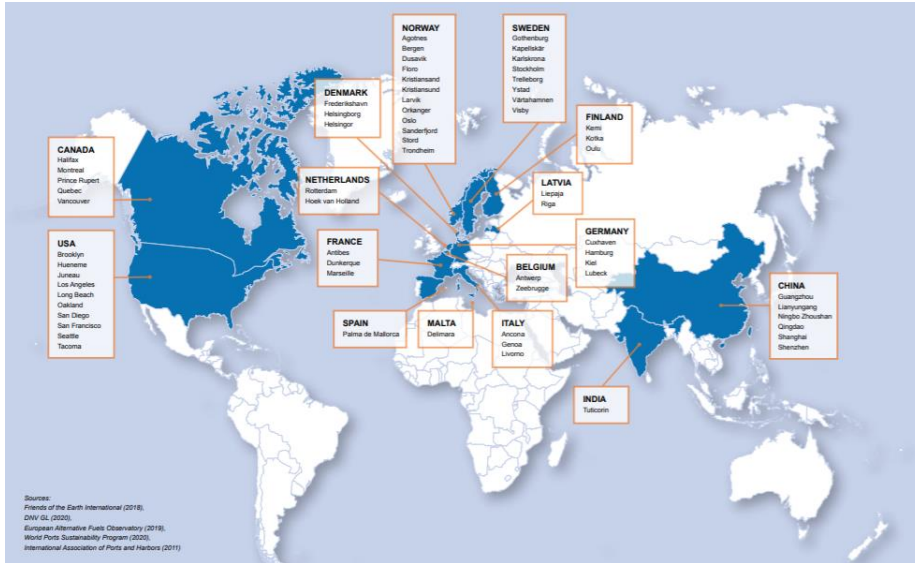
Port Call Optimization



<https://portcalloptimization.org/>

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Onshore Power Supply



- High voltage OPS for sea-going vessels
- 66 ports in 16 countries

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IMO GreenVoyage2050

- Support the implementation of the IMO GHG Strategy
- Capacity building activities on low carbon shipping and clean ports
- Technology cooperation, innovation and demonstration



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World Ports Sustainability Report 2020



<https://sustainableworldports.org/reference-documents/>

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Key messages

- Climate and energy is a top priority for world ports
- Ports can actively assist the decarbonization of shipping by:
 - Offering incentives to best performing vessels
 - Providing Onshore Power Supply
 - Ensuring safe and efficient bunkering of clean marine fuels
 - Enabling Port Call Optimization
- Joint effort by all stakeholders needed
- Join us on IAPH/WPSP ongoing collaborative initiatives



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Thank you for your attention!



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