

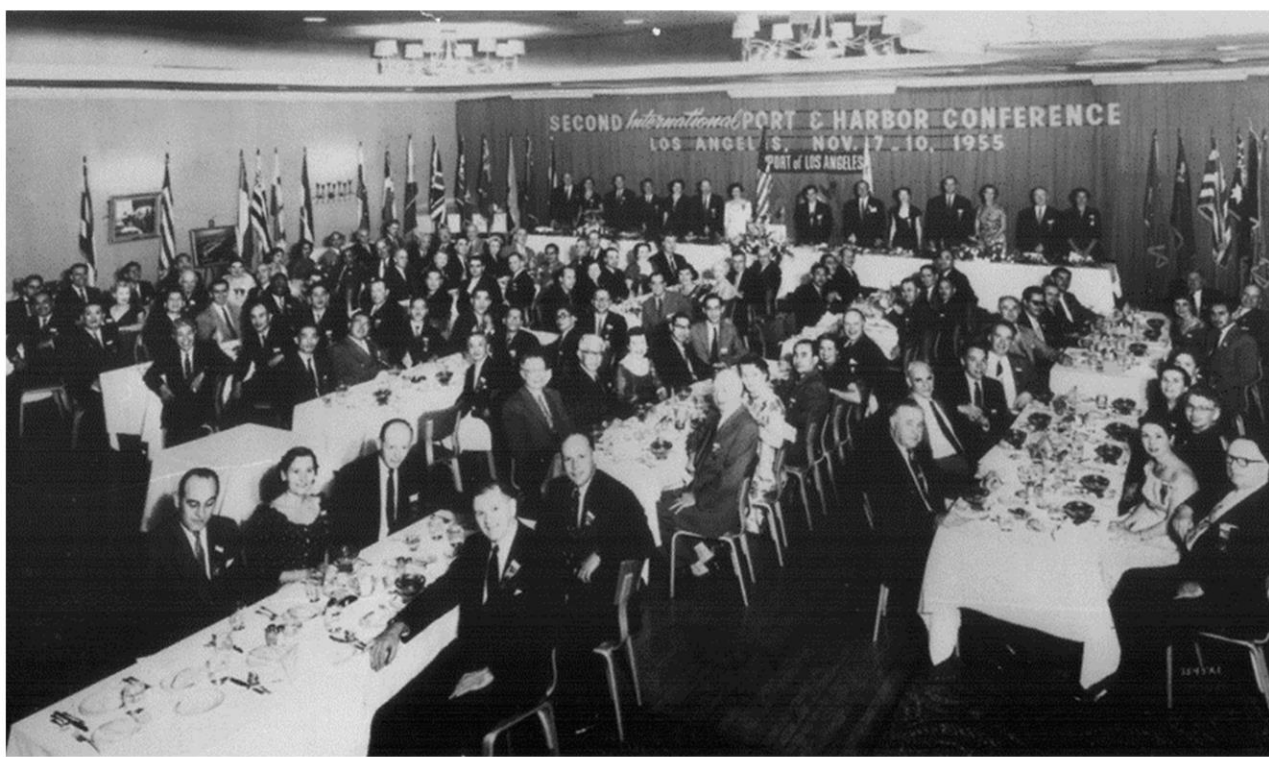
Sustainable development of world ports; key challenges and selected ongoing work



GreenPort Congress and Cruise

Antwerp-Bruges, 19 October 2022

Dr Antonis Michail, Technical Director IAPH / WPSP



Founded in 1955, IAPH is the global port alliance, representing today around 170 port regular members and 126 associate members linked to ports in 87 countries. Together, IAPH port members handle more than one third of global maritime traffic and more than 60% of container traffic.

IAPH has a consultative status and represents the interests of world ports at IMO and additional UN agencies such as the ILO, UNCITRAL, UNCTAD (UN Conference on Trade and Development), UNEP (UN Environment Program) and the UN Global Compact.

IAPH works closely with the World Bank, and World Customs Organization, the Global Maritime Forum, and World Economic Forum.

Three strategic focus areas: Risk and Resilience, Data Collaboration, Climate and Energy

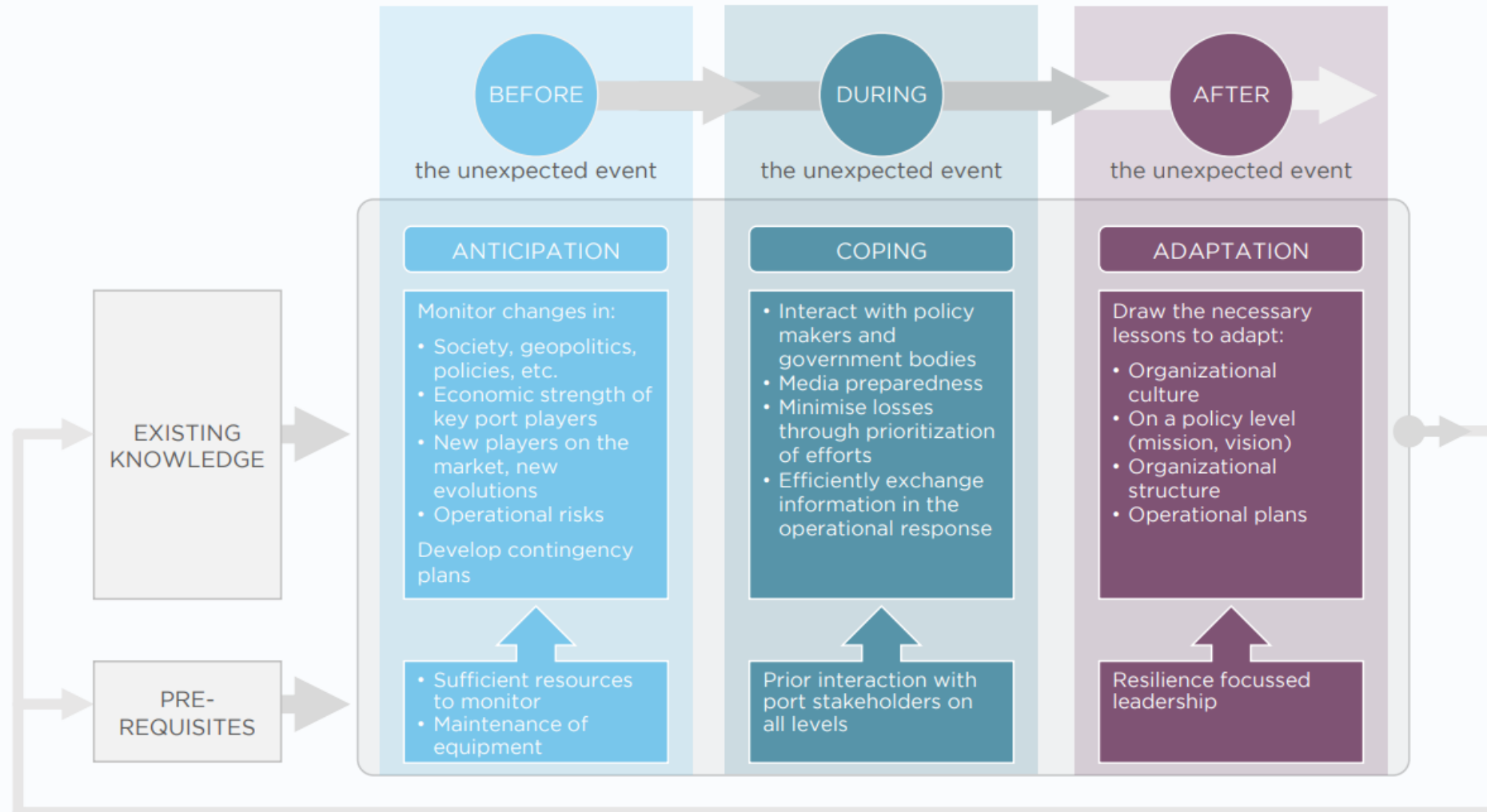




➤ Disruption is becoming 'business as usual'. Resilience management and business continuity planning are a must for critical infrastructures such as ports.

Guidelines for business continuity policy and risk preparedness

ORGANIZATIONAL RESILIENCE MODEL FOR PORT AUTHORITIES





- Digitalisation of the maritime sector is still lagging behind, lack of trust between stakeholders in data sharing is the prime barrier to overcome.

White paper on innovation



The mindset
shift towards

innovation

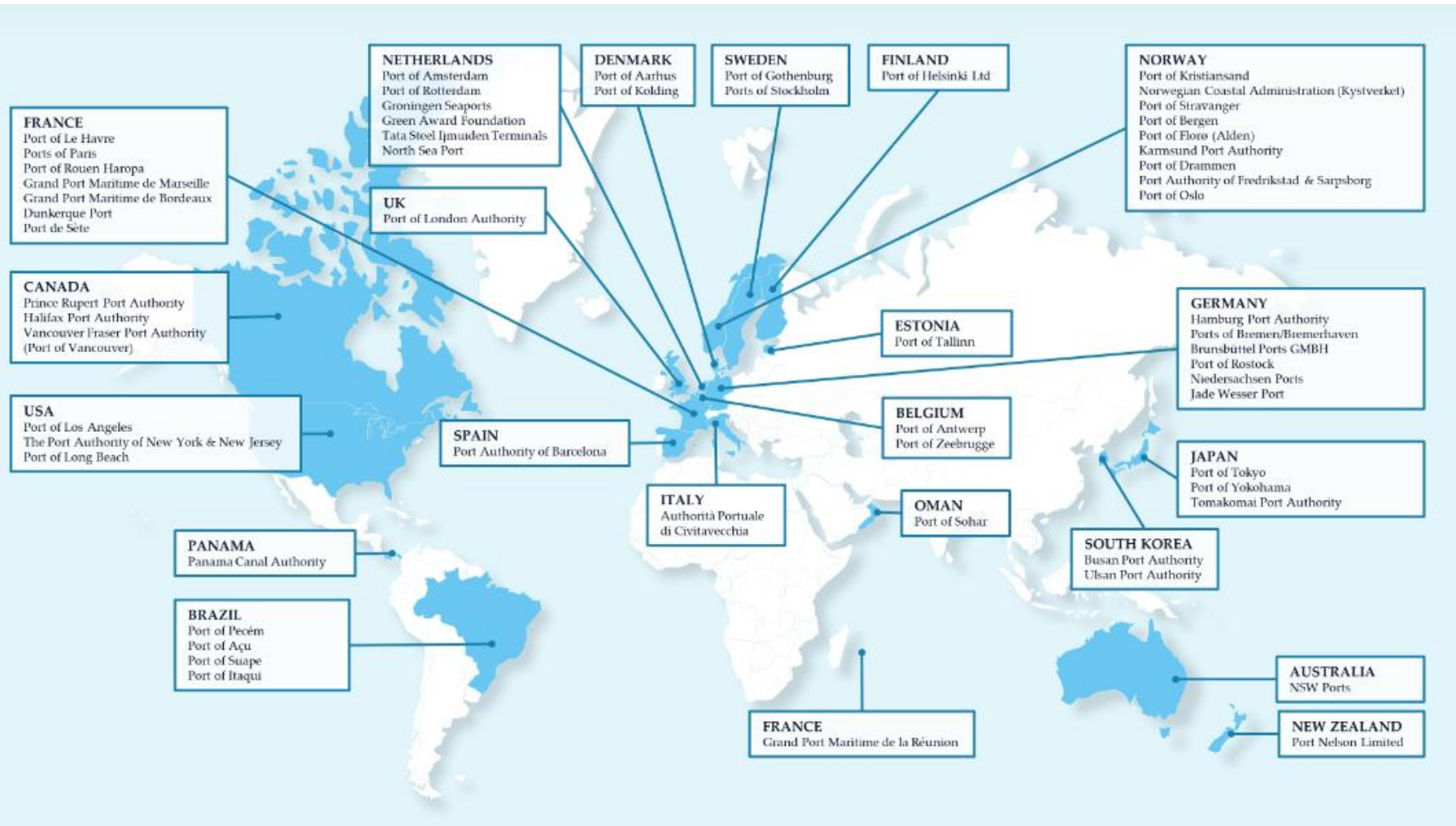


A set of
guidance fact sheets
for ports

<https://sustainableworldports.org/wp-content/uploads/IAPH-The-mindset-shift-towards-Innovation-White-Paper.pdf>



IAPH Environmental Ship Index (ESI)



- The standard Index used by ports worldwide for the provision of incentives to best performing vessels
- 7000 vessels
- 60 Incentive providers
- **ESI 2.0 + ESI at berth**

<https://www.environmentalshipindex.org>

IAPH Clean Marine Fuels (CMF) working group



About the program

Submit your project



Areas of Interest ▾ Portfolio ▾ Platform Events News Reference Documents



Clean Marine Fuels

About

LNG as a fuel

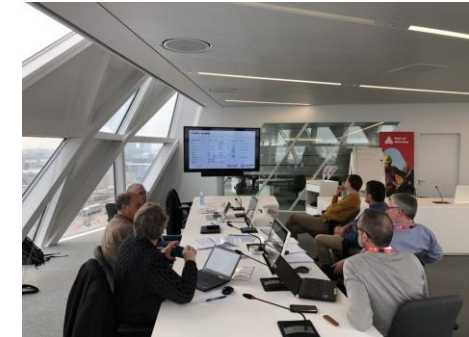
Hydrogen as a fuel

Methanol as a fuel

Ammonia as a fuel

Database of reports and report reviews on alternative marine fuels

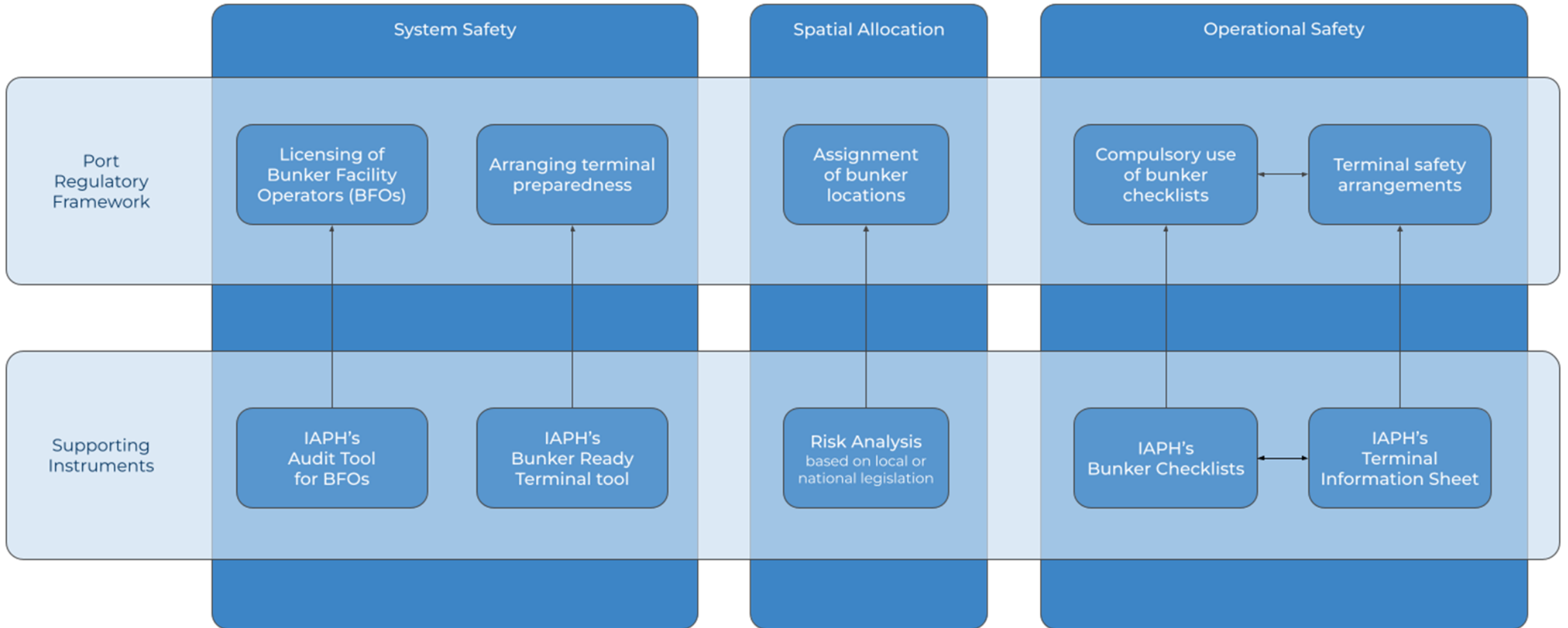
Clean Marine Fuels



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

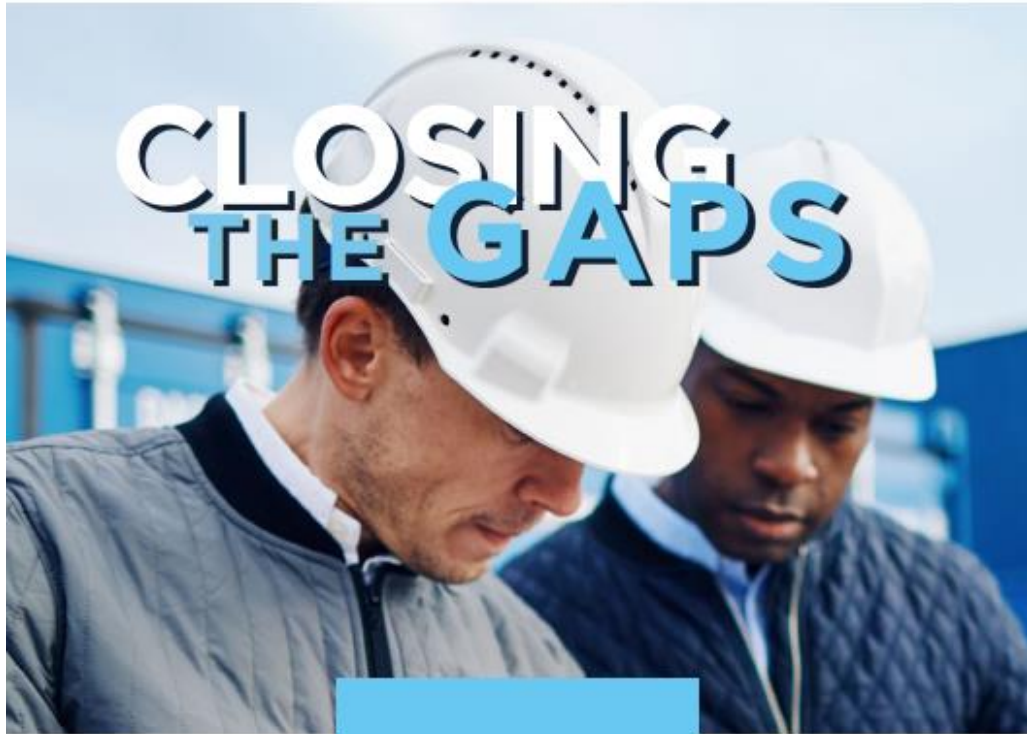


CMF Toolkit for the safe and efficient bunkering of low carbon fuels



IAPH contribution to IMO MEPC 79

1. IAPH calls for setting zero emissions target by 2050 for the international shipping sector in the revised IMO GHG Strategy.
 2. IAPH calls for an early implementation, by 2025, of a global MBM to bridge the price gap between conventional and low- and zero-carbon fuels.
 3. IAPH argues that the strategic allocation of MBM generated revenues can contribute to a just and equitable energy transition of shipping.
- Ensuring a just and equitable transition is key to unlock the discussion at IMO and achieve the much-needed progress



**Key Actions in
Digitalization,
Decarbonization
and Resilience
in the Maritime
Sector**



<https://sustainableworldports.org/wp-content/uploads/IAPH-World-Bank-CloseTheGaps-Report.pdf>

World Ports Sustainability Program



www.sustainableworldports.org

Mission : To integrate the 17 UN SDGs in port governance



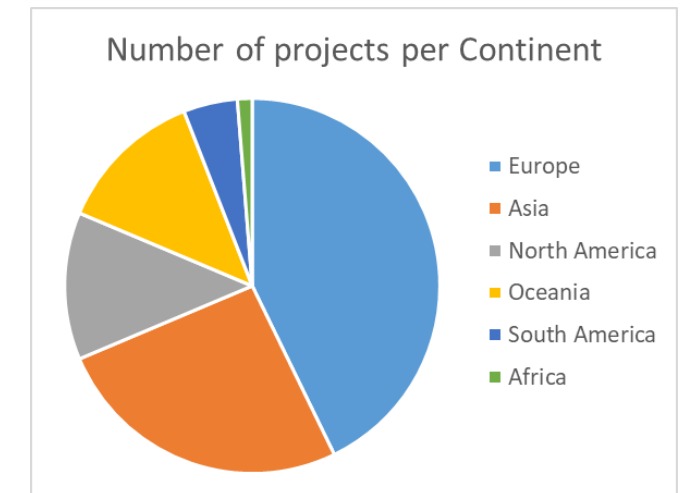
WPSP Database of sustainability projects



✓ **240 projects**

✓ **110 ports**

✓ **47 countries**



IAPH Sustainability Awards – 2022 winners



Port Endeavor: a port journey to SDGs

- Knowledge base concept was created at a joint UNCTAD-IAPH workshop in Geneva HQ in April 2019
- Blueprint of ports' contribution to each of the 17 SDGs
- Development game dynamics and content by IAPH and experts from Port of Antwerp-Bruges
- Real life examples from the WPSP database of 240+ projects and best practices from 110 ports from 38 countries
- Offered in partnership with: APEC – Antwerp & Flanders Port Training Centre and UNCTAD TrainForTrade



<https://sustainableworldports.org/iaph-launches-port-endeavor-game-to-share-port-projects-applying-un-sustainable-development-goals-in-practice/>

Thank you!

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