

# IAPH Work Programme 2022



As adopted by the IAPH Board at its meeting of 16 December 2021

# Overview

1. Strategic focus areas
2. New focus areas
3. World Ports Sustainability Program
4. Projects
5. Communication and events





## 1. Strategic focus areas

1.1. Climate and energy

1.2. Data collaboration

1.3. Risk and resilience

## 1.1. Climate and energy

Priorities	Deliverables
Implementation IMO Greenhouse Gas strategy	<ul style="list-style-type: none"> <li>• Elaborated IAPH position on market-based measures and allocation of revenue</li> <li>• Progress report on IMO Ports Resolution</li> </ul>
Partnership in IMO-Norway GreenVoyage 2050 programme	Review and rollout of training packages on: <ul style="list-style-type: none"> <li>• Onshore power supply</li> <li>• Four pillars of IMO Ports Resolution</li> </ul>
Synergy World Ports Climate Action Program	Focused action on marine fuel supply chains and multiple effects of energy transition in ports ( <i>tentative</i> )
Partnership Getting to Zero Coalition	Promotion of Green Corridor concept
Partnership Global Ports Hydrogen Coalition	Showcasing of hydrogen port-related projects
Follow-up on non-climate emission issues	<ul style="list-style-type: none"> <li>• Underwater noise</li> <li>• Marine litter</li> </ul>

## 1.2. Data collaboration

Priorities	Deliverables
Acceleration of digitalisation	<ul style="list-style-type: none"> <li>• Support IMO work on data harmonisation</li> <li>• Guidelines on port-customs collaboration</li> <li>• Capacity building with World Bank / IMO</li> </ul>
Cybersecurity	<ul style="list-style-type: none"> <li>• Inclusion of IAPH guidelines in IMO guidelines on maritime cyber risk</li> </ul>
Port call optimisation	<ul style="list-style-type: none"> <li>• Including concept in IMO maritime single window guidelines</li> <li>• Promotion of pilot projects</li> </ul>
Innovation	Working group to be established
Automation	Working group to be established
Synergy with ChainPort	Focus areas to be determined

## 1.3. Risk and resilience

Priorities	Deliverables
Supply chain resilience	Preparation and follow-up 2022 World Ports Conference #ClosingtheGaps theme: <ul style="list-style-type: none"><li>• Results (pre-)conference workshops</li><li>• Implementation of priority actions</li></ul>
Business continuity	Guidelines and self-assessment tool
World Ports Tracker	Monitoring of implementation (see slide 12)
Extreme weather	New impetus Navigating a Changing Climate project
Anti-corruption	Input to port integrity index concept of Maritime Anti-Corruption Network (MACN)

## 2. New focus areas

### 2.1. Cruise

### 2.2. 'Committee Six'

## 2.1. Cruise

- Revitalisation of Cruise Committee
- Focus area: port authorities connecting cruise lines and local communities
- Develop concrete agenda with CLIA global
- Aim to launch during 2022 World Ports Conference

## 2.2. 'Committee Six'

- Proposal to focus on port planning, operation and finance
- Committee picks up relevant items not covered by strategic committees
- Committee is mainly active at the World Ports Conference, once a year



## 3. World Ports Sustainability Program

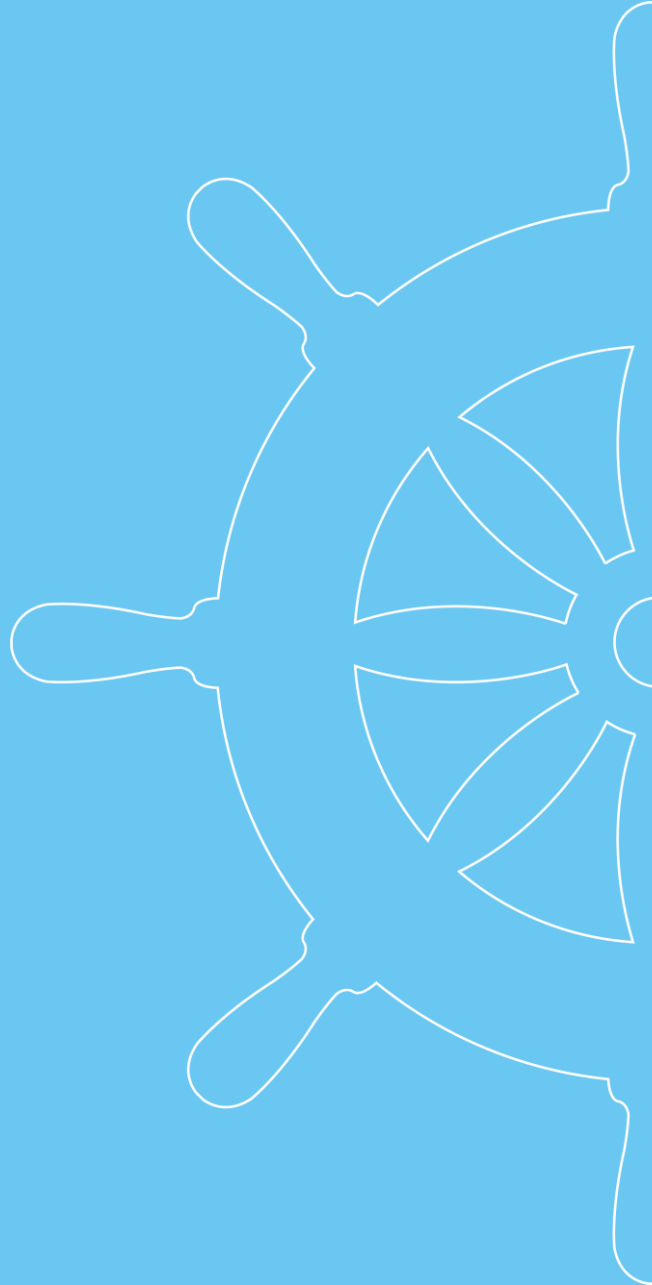
### 3.1. Review of WPSP

## 3.1. Review of WPSP

- Adaption of the WPSP and Award themes (*already accomplished*)
- Establish clearer link with the IAPH brand (*already accomplished*)
- Creation of platform for associate members to showcase their sustainability solutions and services (*in preparation*)
- Revision of the role of partner organisations
- Enlarge number of training partners to disseminate Port Endeavor game
- Next WPSP sustainability report linked to World Ports Tracker
- WPSP platform: dissemination of collaborative projects and initiatives with IAPH involvement (e.g. Global Ports Hydrogen Coalition)
- Consideration of value-added services: project support desk



## 4. Projects



4.1. World Ports Tracker

4.2. Environmental Ship Index

4.3. Clean Marine Fuels

## 4.1. World Ports Tracker

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- Successor of COVID-19 Port Economic Barometer
- Pillar one: economic performance
  - IHS Markit data on container port performance: every two months
  - Member survey other indicators / markets: every four months
  - Summary report in Ports & Harbors
  - Full analysis report exclusive for members
- Pillar two: non-economic sustainability performance
  - Decarbonisation, digitalisation, resilience, governance and ethics
  - Annual survey and annual (WPSP) report (incorporating annual figures pillar one)
- Concept developed and implemented by Prof Thanos Pallis (University of the Aegean) and Prof Theo Notteboom (University of Antwerp)
- Under supervision of IAPH Risk and Resilience Committee
- First reports envisaged for spring 2022

## 4.2. Environmental Ship Index

- ESI 2.0 concept to be adopted in May 2022, subject to prior consultations:
  - Enhanced verification process, discarding reliance on bunker delivery notes
  - SO<sub>2</sub>: changing sulphur component in air quality part of the scoring
  - NO<sub>x</sub>: include auxiliary engines to cover emissions in port
  - CO<sub>2</sub>: incorporation of new IMO energy efficiency indices (EEXI and CCI) and recognition enhanced ambition level (net-zero carbon emissions by 2050)
- Development of emissions at berth module (initially for cruise ships)

## 4.3. Clean Marine Fuels

- Synergy with World Ports Climate Action Program
- Cooperation with Hydrogen Ports Coalition
- More holistic approach on marine fuel supply chains
- Extending the safety toolkit to zero- and low-carbon fuels (hydrogen, methanol and ammonia)
- Cooperation with IMO Global Industry Alliance
- MoU with Society for Gas as Marine Fuel (SGMF) on ammonia



## 5. Communication and events

5.1. Harbor café

5.2. World Ports Conference

## 5.1. Harbor Café

- Informal online forum for open discussions on critical port-related matters
- Linked to the agenda of the Technical Committees
- Aim to get less involved members engaged in the main IAPH conversations
- Pilot café on cybersecurity





## 5.2. World Ports Conference

- 2022 World Ports Conference – Vancouver, 16-18 May 2022
  - Agenda-setting theme #ClosingtheGaps
  - Partnership with The World Bank
  - Eight regional pre-conference workshops February-March 2022
  - Main conference programme builds on pillars 2021 conference and workshop outcomes
  - Conference concludes with ‘state-of-the-art’ of global port complex and priorities
- 2023 World Ports Conference – Abu Dhabi, April 2023
  - Build on outcome 2022 conference
  - Preparations to start right after 2022 conference
- Consideration of 2024 host sponsor

Thank you!

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