



IAPH Technical Committee Days


Singapore

22-24 April 2026

AGENDA



Suntec Singapore Convention & Exhibition Centre
1 Raffles Boulevard Singapore



Wednesday 22 April




13:30-15:00

Plenary opening session (room 309)

- Welcome and introduction - Patrick Verhoeven, IAPH
- Opening remarks - Sh. Vijay Kumar, Secretary, India Ministry of Ports, Shipping and Waterways
- Presentation of the 2026 IAPH World Ports Tracker – Theo Notteboom, University of Antwerp / Thanos Pallis, University of Piraeus
- Response from IAPH Board members – Marika Calfas, NSW Ports / Ichio Motono, Port of Yokohama / Jacques Vandermeiren, Port of Antwerp-Bruges
- Discussion
- Concept of an IAPH mentoring programme – Myriel Newerla, Hamburg Port Authority
- Wrap up and closing – Patrick Verhoeven, IAPH

15.00-15.30

Coffee break



Wednesday 22 April



15.30-17.00

Parallel thematic sessions

Data Collaboration / Risk and Resilience
stream sponsored by Wärtsilä

Port readiness for clean fuels (room 303)

Climate and Energy / Infrastructure / Health, Safety and Security

The session will review overall progress and current pilots for the bunkering and trading of low- and zero-carbon fuels in ports. Participants will exchange on respective developments globally, and will be guided through the current content, use and forthcoming enhancements of the IAPH toolkit developed under the Clean Marine Fuels and the Port Readiness Level working groups.

Chair: Antonis Michail (IAPH)

Speakers: Dr Bhushan Taskar (Global Centre for Maritime Decarbonisation)
Madoka Ikemachi (YKIP)
Francoise van den Brink (Port of Rotterdam)

Digital Twins – Solutions for ports (room 304)

Digitalisation / infrastructure

The session aims to develop digital twin use cases in ports via a mix of presentations and group work. We will compile a list of use cases including descriptions, goals, inputs, outputs, and KPIs for projects at all maturity stages. This will allow us to produce a one-pager for each specific area, to be refined after the session and used as a guide for IAPH members.

Chair: Ingrid Boque (Port of Barcelona), supported by Gadi Benmoshe and Chloe Rowland


Speakers: Chiara Saragani (Port of Barcelona)



18.30-21:00

Networking reception:

The Fullerton Bay Hotel Singapore (80 Collyer Quay, Singapore 049326)



Thursday 23 April



09.00-10.30

Parallel thematic sessions

Nature and people positive ports (hosted by WEF in room 327)

Environmental Care / Community Building / Infrastructure

Co-hosted by IAPH and the World Economic Forum, the session will address the WEF initiative to accelerate critical transformation of ports by developing and implementing nature and people positive port strategies. The session will focus on overcoming barriers and scaling innovative financial mechanisms to drive blue economy. It will identify key opportunities and current limitations in mobilizing green and blue finance for nature and people-related projects.

Chair: Lara Mouftier (WEF)

Speakers: Hoe Soon Tan (MPA Singapore)
Miquel de la Mano (BCN Port Innovation)
Sarah Ogiers (Port of Seattle)
ARUP (tbc)

Risk and Resilience session covering Lithium-ion battery risk mitigation and ISPS Code review (room 304)

Health, Safety and Security / Infrastructure

This session will focus on the two Working Groups recently created by IAPH members and led by the Risk & Resilience Committee, one looking at Lithium-ion battery risks for ports and one considering possible amendment and updating of the ISPS Code. For the Lithium-ion battery risks, we plan a short presentation on how these fires can develop as there are chemical risks not found in a standard fire that port workers have experienced, and for the ISPS Code part, we plan an online poll with specific questions aimed at informing a port industry position statement.


Chair: Niels Vanlaer (Port of Antwerp-Bruges)

Speakers: Nicola Murray (Port of Brisbane)
Quinten Perneel (Port of Antwerp-Bruges)



10.30-11.00

Coffee break



Thursday 23 April



11.00-12.30

Parallel thematic sessions

Onshore Power Supply (room 303)

Climate and Energy / Infrastructure

The IAPH working group on Onshore Power Supply is developing an OPS implementation levels methodology/checklist, for ports to assess and communicate the maturity of their facilities and efforts. The draft OPS implementation levels will be presented and peer reviewed during this session. Furthermore, the session will review OPS related legislation and implementation projects globally.

Chair: Sarah Ogier (Port of Seattle)

Speakers: Workshop set-up supported by Manfred Lebmeier (Hamburg Port Authority)
Jacob Goldberg (Port of Long Beach)
Antonis Michail (IAPH)

Port Call Optimization / Data Exchange (room 304)

Digitalisation / Community Building

This session will aim to help ports to compile a consolidated list of 'added values' to help ports build a business case for trialling Port to Port Data Exchange as part of PCO initiatives. The format will be open discussion, led by Jan-Willem den Ouden, an expert in this area.

Chair: Ingrid Boque (Port of Barcelona)

Speakers: Jan-Willem den Ouden (Port of Rotterdam)



12.30-13.30

Lunch



Thursday 23 April



13.30-15.00

Parallel thematic sessions

Planning, Operations and Finance session covering both re-development of obsolete terminals and public private partnerships (room 303)

Infrastructure / Community Building

The session will be addressing two topics. First, the transformation of obsolete port terminals, exploring how outdated facilities can be converted into logistics or carbon-neutral energy hubs. Secondly, the session will examine current practices related to port public private partnerships (PPP), identifying pros and cons and proposing strategies to mitigate operational challenges.

Chair: Ichio Motono (Port of Yokohama)

Speakers: Development Bank of Southern Africa
Korea Maritime Institute
Yokohama Port Corporation

Climate Resilience (room 304)

Health, Safety and Security / Climate and Energy / Infrastructure

The session will focus on the joint R&R and C&E initiative to address climate resilience strategies by ports, by building on best practices and providing an interactive online climate resilience portal on the WPSP website.


Chair: Niels Vanlaer (Port of Antwerp Bruges) supported by Edvard Molitor (Port of Gothenburg)

Speakers: Workshop set-up, small groups discussion and report



15.00-15.30

Coffee break



Thursday 23 April



15.30-17.00

Parallel thematic sessions

Climate emissions accounting (room 303)

Climate and Energy / Environmental Care

The session will address climate emission inventories and carbon footprint methodologies in ports. Participants will review current methodologies and port practices regarding the application of scopes and boundaries, while available tools, products and frameworks will be presented and discussed.

Chair: Edvard Molitor (Port of Gothenburg)

Speakers: Margaret Polgar (Ports Australia)
Ralf Garrn (Ocean Score)

Cybersecurity (room 304)

Digitalization / Health Safety and Security

This session is intended to allow us to update members on the development of the cyber game currently being planned in partnership between IAPH and UNCTAD. Members will be asked to review current content and suggest improvements, additions and adaptations to the cyber game scenarios. The session will be structured around an initial UNCTAD presentation and then group working sessions, each group will review a different chapter of the game and explore new scenarios.

Chair: Chloe Rowland (IAPH)

Speakers: Mark Assaf and Dominique Chantrel (UNCTAD)



18.30-21:00

Networking reception:

Conrad Singapore Marina Bay (Two Temasek Boulevard, Singapore 038982)



Friday 24 April



08:30-10:00

Parallel meetings of the IAPH technical committees on **Climate and Energy** and **Data Collaboration** (open to all interested regular and associate members attending the TC Days)

Climate and Energy committee (room 303)

The Climate and Energy committee will be reviewing the TC Days outcomes, guiding members on actively contributing to the current work program and tools under development, and discussing any other emerging priorities.

Data Collaboration committee (room 304)

The Data Collaboration committee will be running a workshop on exchanging best practices on digitalization. Chin Yong KOH will also present MPA's digital roadmap.



10:00-10:30

Welcome coffee



Friday 24 April



10.30-12.00

Parallel thematic sessions

Cruise accreditation (room 303)

All areas of interest

The cruise committee of IAPH is working on setting the foundation for the development on an accreditation scheme for sustainable cruise port operations. The draft set of indicators and requirements will be presented and peer reviewed during this workshop style session.

- Chair:** Simone Maraschi (Cruise Gate Hamburg)
- Speakers:** Workshop set-up supported by Brian Beall (CLIA)
Luz Marina Espiau Moreno (Ports of Tenerife)
Antonis Michail (IAPH)

Port defence and resilience (room 304)

Digitalisation / Infrastructure / Health Safety and security

This session is intended to facilitate members to share expertise and experiences to help protect ports and shipping in situations where ports find themselves at the forefront of regional conflicts, particularly in the event of hostile attacks on port infrastructure.

- Chair:** Patrick Verhoeven (IAPH) / Niels Vanlaer (Port of Antwerp Bruges)
- Speakers:** Matthew Parker (UK Department for Transport), S&P Global (tbc)



12.00-12.30

Closing Plenary session (room 309)

- Chair:** Patrick Verhoeven (IAPH)

12.30-13.30

Lunch