



European Harbour Masters' Committee

**EHMC**

# **NEW FUELS** **AND THE HARBOUR MASTER**

11TH BIENNIAL

# **European Harbour Masters' Committee Seminar**

**4 & 5 MAY 2023**

**AUDITORIO MILLÁN PICAZO  
ALGECIRAS**

**Algeciras**  
Port 

## Thursday program, 4 May 2023

<b>08.30</b>	<b>Arrival at Auditorio Millán Picazo, Algeciras Bay</b>
09.00-09.20	Words of welcome - Opening by APBA, EHMC and IHMA
09.20-09.40	<b>IMO - Victor Jimenez</b> , Spanish Counsellor for Transport to UK and IMO <i>International legislation and incentives for voluntary action</i>
09.40-10.00	<b>IMO - Astrid Dispert</b> , Project Technical Manager <i>IMO's efforts in phasing out GHG emissions from international shipping and the role of ports</i>
10.00-10.20	<b>EU - Miguel J. Núñez Sánchez</b> , Permanent Representation of Spain to the European Union. Counsellor for Transport. Spanish Ministry of Transport, Mobility and Urban Agenda. <i>Legal EU requirements for ships and ports</i>
<b>10.20-10.30</b>	<b>Group photo</b>
<b>10.30-11.00</b>	<b>Coffee Break</b>
11.00-11.25	<b>DNV – Jose Allona Almagro</b> , Business Development Manager <i>Energy Transition Outlook / Maritime forecast to 2050</i>
11.25-11.50	<b>Caterpillar – Marinus Jansen</b> , Global Marine Technology Steward <i>Ship owners choices for new ships and engines</i>
11.50-12.15	<b>Peninsula360 - Nacho de Miguel</b> <i>Our transition to supply cleaner marine fuels</i>
12.15-12.25	<b>OCIMF - Kevin Coelho</b> , Nautical Advisor <i>Introduction to OCIMF and increased co-operation with IHMA and IAPH</i>
<b>12.15- 13.00</b>	<b>Coffee Break</b>
13.00-13.25	<b>SGMF, Society of Gas as a Marine Fuel - Gianpaolo Benedetti</b> , Sr Technical Advisor <i>Safety guidance for ship-shore interface - Lesson learned from LNG and the path towards low and zero carbon fuels</i>
13.25-13.50	<b>Port of Algeciras and ITPCO (Int. Taskforce Port Call Optimization) – Jesús Medina Blanco &amp; Ben van Scherpenzeel</b> <i>The green strategies from Algeciras and other ports</i>
13.50-14.15	<b>Port of Rotterdam – Cees Boon, Renate Westendorf</b> , Sr. Advisors <i>Is your port ready for the multi-fuel future? A presentation of the 'port readiness tool'</i>
<b>14.15</b>	<b>Walk to la Sede for lunch</b>
<b>14.15-15.30</b>	<b>Lunch at la Sede</b>
15.30-17.30	Round tables - Opportunity to chat between speakers and audience; the audience is split in small groups that hop from table to table for a 10-15 min conversation.
<b>17.30</b>	<b>End of the seminar</b>

## *Friday program, 5 May 2023*

On the Friday we will pay a visit to the Port of Algeciras by boat, including lunch package.

<b>10.00</b>	<b>Port visit</b>
10.00	Pick-up or meeting address
10.00-14.00	Maritime visit – Port facilities
<b>14.00</b>	<b>End</b>

## *Seminar program*

### Preparing for new legislation & fuels

The seminar will consider the fuel transition and how ports need to prepare to support ships in meeting their requirements under forthcoming regulations.

New IMO and EU legislation will impact the next coming years the current fleet of ships. Over 95% of this fleet will only transition to alternative fuels after ships' lifespan. Nevertheless legislation will oblige them to cut emissions. At the same time new fuels will become available soon for the first ships of the future fleet. For both current and future fleets, ports and harbour masters need to be prepared. This is the subject of this years EHMC seminar; the fuel transition phase and avoiding a gap between obligations on ships and what ports can offer them.

DNV's Maritime Forecast to 2050 provides an independent outlook of the maritime energy future and examines how the energy transition will affect the industry. Decarbonizing shipping will result in a profound transition in the way future marine fuels are produced and made available to the shipping fleet.

The maritime industry will go through a period of rapid energy and technology transition that will have a more significant impact on costs, asset values, and earning capacity than many earlier transitions.

Shipowners are already experiencing increasing pressure to reduce the greenhouse gas (GHG) footprint of maritime transport. This pressure is being exerted by three fundamental regulatory and commercial drivers: regulations and policies, access to investors and capital, and cargo owner and consumer expectations.

**Topics that will be covered in the presentations**

- An overview of IMO's latest energy efficiency regulations (EEXI, CII, and revised SEEMP), the role of ports in supporting shipping's decarbonization, and the state-of-play in the revision of the Initial IMO GHG Strategy.
- EU Legal requirements for ships and ports; Fuel EU Maritime regulation, Alternative Fuels Infrastructure regulation, Fit for 55, study 'greening European ports'
- Future energy supply chain; distribution and bunkering network of the future
- Gap demand-supply/availability, fuel pricing expectations
- What is a conceivable preview of the transition phase that ports will go through
- Introduction to energy efficiencies of the production value chain and marine design considerations by fuel-type, including electrification, for marine segments.
- Introduction to the short carbon cycle for methanol as a hydrogen carrier and marine fuel.
- Introduction to energy source mix concept by energy/power density and how such correlates to propulsion arrangement types.
- Introduction to the concept of energy substitution and connection to operational load profiles. How to start evaluating technology solutions to reach meaningful greenhouse gas emissions reduction?
- Safety guidance, safety distances and risk analyses re. ship-shore.
- What do ports need to consider when it comes to port-vessel interface for new fuels?
- How can ports optimize GHG performance for vessels, f.i. by routing, planning, just-in-time port arrival etc.
- What is the potential of such logistics and digitalization technologies and their contribution to decarbonization
- How does the Port Call Optimization Taskforce contribute to cutting GHG emissions and what are the objectives and results in the first international corridor and string of ports. How does the Port of Algeciras take care of a local implementation of Port Call Optimization.
- A presentation on the use of a WPCAP/IAPH tool to assess the port readiness for vessels sailing on alternative fuels and the bunkering of alternative fuels.

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***Evening 3 May 2023***

Meeting place for pre-seminar drinks; Hotel Reina Cristina

***Evening program, 4 May 2023***

20.00 – 22.30 Networking dinner, Hotel Reina Cristina

## *The Port of Algeciras*

The seminar is hosted by Algeciras Port Authority, which is leading the green transition in southern Europe. Algeciras Port is a strategic pathway located in the main maritime routes in the globe: north, south, east, west with zero deviation. A distribution platform for Europe, Africa and the Mediterranean sea, placed in the Strait of Gibraltar and surrounded by the natural shelter of the Algeciras Bay.

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## *Registration*

Via the registration button at <http://www.harbourmaster.org/events>. Please see the bottom of the section 'European Harbour Masters' Committee Seminar' and subsequently use the red button 'reserve a spot'.

Costs; 265€ including dinner and Friday program. Additional 45€ for partners joining the evening dinner.

## *Venue*

The Port of Algeciras, Millán Picazo Center, 11207 Algeciras, Spain

## *Hotel*

A discount rate is offered by hotel Globales Reina Cristina, a 7-minute walk from the venue. The hotel has sufficient parking place for those who rent a car at f.i. the Malaga airport. Registration via [res.reinacristina@hotelesglobales.com](mailto:res.reinacristina@hotelesglobales.com). Discount code: Master 26790 – Autoridad Portuaria.

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IHMA membership information:  
[www.harbourmaster.org/about/membership](http://www.harbourmaster.org/about/membership)



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