



**SECOND IMO SYMPOSIUM ON ALTERNATIVE LOW- AND ZERO CARBON FUELS FOR SHIPPING**

**"ENSURING A JUST AND INCLUSIVE TRANSITION TOWARDS LOW-CARBON SHIPPING"**

**Friday, 21 October 2022, IMO Headquarters (with hybrid meeting capability)**

**09.30 - 17.00 UTC+1**

Time	Subject	Speakers
09.30-09.38	<b>Opening remarks by the Secretary-General</b>	Mr. Kitack Lim – Secretary General, IMO
09.38-09.40	<b>Message from the Minister of Energy of Chile</b>	Mr. Diego Pardow – Minister of Energy, Chile
09.40-09.45	<b>Introduction of the Symposium</b>	Mr. Arsenio Dominguez – Director Marine Environment Division, IMO
09.45-11.00	<p><b><u>Block 1 – Overcoming barriers to global access to low- and zero-carbon marine fuels</u></b></p> <ul style="list-style-type: none"> <li>• Outlook: Shipping’s future energy demand projections to 2050</li> <li>• Price considerations of alternative low- and zero-carbon marine fuels</li> <li>• Scaling up renewable energy production for shipping: case studies</li> <li>• Trade perspectives on shipping decarbonization</li> <li>• Q&amp;A</li> </ul>	<p><b>Moderator:</b> Ms. Katharine Palmer – UNFCCC Climate Champion</p> <p><b>Panellists:</b></p> <ul style="list-style-type: none"> <li>• Ms. Elizabeth Connelly – Energy Technology and Transport Analyst, International Energy Agency</li> <li>• Mr. Kenneth Tveter – Head of Green Transition Group, Clarksons</li> <li>• Mr. Jonah Sweeney – European Marine Fuels, Argus</li> <li>• Mr. Chris Chatterton - Chief Operating Officer, Methanol Institute</li> <li>• Ms. Shamika Sirimanne – Director Technology and Logistics, UNCTAD</li> </ul>
11.00-11.30	<u>Coffee break</u>	
11.30-13.00	<p><b><u>Block 2 – Opportunities of the fuel transition for developing countries</u></b></p> <ul style="list-style-type: none"> <li>• Fostering renewable energy production in developing countries</li> </ul>	<p><b>Moderator:</b> Mr. John Fatuimoana Kautoke - Adviser, High Commissioner, Tonga</p> <p><b>Panellists:</b></p> <ul style="list-style-type: none"> <li>• Ms. Claudia Octaviano - Climate Change Mitigation Coordinator, INECC, Mexico</li> <li>• Mr. Waleid Gamaleldien, Chairman, Suez Canal Economic Zone, Egypt</li> </ul>

	<ul style="list-style-type: none"> <li>• Involvement of developing countries in inclusive route-based action plans</li> <li>• Reinforcing links between the energy sector and shipping: Clean Energy Marine Hubs</li> <li>• Potential for on-board carbon capture technology in shipping</li> <li>• Trade perspectives on shipping decarbonization</li> <li>• Q&amp;A</li> </ul>	<ul style="list-style-type: none"> <li>• Mr. Lau Blaxekjær - Senior Project Manager, Global Maritime Forum</li> <li>• Mr. Stuart Neil - Director of Strategy and Communications, International Chamber of Shipping</li> <li>• Mr. Yanxian Cai – Vice President, China Classification Society (CCS)</li> <li>• Mr. Voytek Chelkowski – Managing Partner, Seamind Blue Ocean</li> </ul>
13:00-14:00	<u>Lunch break</u>	
14.00-15.20	<p><b><u>Block 3 – How to accommodate a ‘just and equitable’ transition towards low-carbon shipping</u></b></p> <ul style="list-style-type: none"> <li>• What is the “just and equitable” transition?</li> <li>• Specific opportunities for SIDS and LDCs: improving access to climate finance for mitigation and adaptation in the most climate vulnerable countries</li> <li>• How to allocate revenues of carbon pricing instruments</li> <li>• Experiences in using low carbon fuels</li> <li>• Building a green and resilient low-carbon shipping economy: job creation, skill development and capacity building</li> <li>• Access to technology and retrofitting</li> <li>• Q&amp;A</li> </ul>	<p><b>Moderator:</b> Ms. Fernanda Milicay – Minister, Permanent Representative to IMO, Argentina</p> <p><b>Panellists:</b></p> <ul style="list-style-type: none"> <li>• Mr. Christiaan De Beukelaer - Senior Lecturer Culture &amp; Climate, University of Melbourne</li> <li>• Ms. Atina Shutz, Researcher, Micronesian Center for Sustainable Transport</li> <li>• Mr. Goran Dominioni - Economist, World Bank</li> <li>• Mr. Fabio da Silva Vinhado - Director, Ministry of Mines and Energy, Brazil</li> <li>• Mr. Gerardo Borromeo – Vice Chairman and CEO, Philippine Transmarine Carriers (PTC) and ‘Just Transition Task Force’</li> <li>• Ms. Mehtap Özdemir – Secretary General, Turkish Shipbuilders’ Association (GISBIR)</li> </ul>
15.20-15.30	<p><b><u>Findings and conclusions: Improving international and national collaboration within the shipping-port-energy nexus to ensure a “just and equitable” transition</u></b></p>	Mr. Arsenio Dominguez – Director Marine Environment Division, IMO
15.30-17.00	<u>Reception</u>	