



Decarbonisation of Ports – The Feasibility of Shore Power FINAL PROGRAM

| Monday 14 August. | |
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| 1130-1230 Arrival / Registration / Mini-lunch and coffee | |
| 1230–1235 | <p>Welcome Luke Campbell, PIANC AU-NZ Chair</p> |
| 1235-1300 | <p>Workshop Introduction and Objectives Peter Engelen, PIANC AU-NZ Deputy Chair</p> <p>Facilitated session: The Challenges and Opportunities Jackie Spiteri, PIANC AU-NZ Board Member</p> |
| 1300-1345 | <p>PIANC MarCom - Update Shore Power Technical Working Group Scott Keane, PIANC AU-NZ Board Member / Maritime Commission</p> <p>PIANC EnviCom - Update Decarbonisation Burton Suedel, US Army Corp / PIANC Chair Environment Commission</p> |
| 1345-1400 | <p>Facilitated Session: Materiality Jackie Spiteri, PIANC AU-NZ Board Member</p> |
| 1400 –1430 | <p>Status Report</p> <p><i>International Landscape Analysis Onshore Power Supply</i> Kenny Walker, Principal Environmental Scientist Royal HaskoningDHV</p> <p>Facilitated Q&A</p> |
| 1430-1500 Afternoon Tea | |
| 1500-1600 | <p>Energy (1), Risk and Insurance</p> <p><i>Renewable Electricity for Shore Power</i> Ben Waters, Director Presync</p> <p><i>Insurance Considerations</i> Halani Lloyd, Senior Claims Executive Thomas Miller</p> <p><i>Risk and Assurance</i> Peter Court, Principal Consultant DNV Australia</p> <p>Facilitated Q&A</p> |
| 1600-1630 | <p>The Perspective of Shipping Lines – Containers</p> <p>Yashika Yadav, ESG Manager - Ocean Procurement Riikka Elina Mikkola, Senior Manager ESG Enablement A.P. Moller Maersk (Denmark)</p> <p>Facilitated Q&A</p> |
| 1630-1715 | <p>International Case Study</p> <p>Hanno Bromeis, Project Director Shore Power Hamburg Port Authority (Germany)</p> <p>Facilitated Q&A</p> |
| 1715–1730 | <p>Facilitated Session Day 1: Discussion and Learnings PIANC AU-NZ</p> |
| 1830 - 2100 DINNER: Ocean Ended at Platinum (350 metres) | |



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| Tuesday 15 August | |
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| 0800-0830 Arrival / Coffee | |
| 0830 - 0845 | Facilitated Session: Welcome to Day Two PIANC AU-NZ |
| 0845 - 0915 | Shore Power for Bulk Liquid Vessels <i>Shore Power for Oil and Gas Vessels</i> Jeff Bayham - Senior Principal Marine Oil Companies International Marine Forum (United States) Facilitated Q&A |
| 0915-0945 | The Perspective of Shipping Lines - Cruise <i>Shore power – a key component to cruise decarbonisation</i> James Larsson, Director Government and Stakeholder Relations Carnival Australia Facilitated Q&A |
| 0945-1030 | Sample of Shore Power Initiatives in Australia - Cruise <i>Bays Port Sydney – Pioneering Shore Power in Australia</i> Catherine Blaine, General Manager Projects Fauzan Zulkhepli, Electrical Engineer and Project Manager Port Authority of New South Wales <i>OPS Feasibility Study Outcomes Port of Brisbane</i> Craig Wilson, Head of Sustainability Port of Brisbane Facilitated Q&A |
| 1030-1100 Morning Tea | |
| 1100-1145 | Sample of Shore Power Initiatives in Australia - Containers <i>Port of Melbourne – Feasibility Assessment of Shore Power</i> Steve Wallace, Asset Planning Manager Port of Melbourne <i>Considerations for Shore Power Pilot at Port Botany</i> Peter Engelen, General Manager Infrastructure NSW Ports Facilitated Q&A |
| 1145-1230 | Climate Risk and Finance <i>Climate Risk Analysis</i> Jackie Spiteri, Managing Director Sustainable ESG <i>Financing Considerations</i> Julia Hinwood, Director Infrastructure Clean Energy Financing Corporation Facilitated Q&A |



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| 1230-1330 Lunch | |
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| 1330-1400 | <p>Energy (2)</p> <p><i>Decarbonising Australian Ports: From pipe dream to reality</i> Jack Kotlyar, Head of NextGen EnergyAustralia</p> <p>Facilitated Q&A</p> |
| 1400-1430 | <p>Engineering and Technology (1)</p> <p><i>Shore Power Connection Technology</i> James Goh, Regional Product Manager Shore Power Cavotec</p> <p>Facilitated Q&A</p> |
| 1430-1500 Afternoon Tea | |
| 1500-1530 | <p>Engineering and Technology (2)</p> <p><i>Integrating Engineering Solutions from Early Stage to Implementation</i> Kesevan Muruganandan, Senior Engineer Arup</p> <p>Facilitated Q&A</p> |
| 1530-1600 | <p>Engineering and Technology (3)</p> <p><i>Solving challenges in ports, electrification for sustainable decarbonization</i> Manuel-Jesus Lopez, Principal Consultant Hitachi Energies (Spain)</p> <p>Facilitated Q&A</p> |
| 1600-1630 | <p>Decarbonisation of the Supply Chain</p> <p>Dr Chris Wooldridge, Science Coordinator EcoPorts Sustainable Logistic Chain (United Kingdom)</p> <p>Facilitated Q&A</p> |
| 1630-1700 | <p>Facilitated Session: Learnings and Next Steps</p> <p>Mike Gallacher, CEO Ports Australia</p> <p>Facilitated Discussion and Wrap Up PIANC AU-NZ</p> |
| Bus transfer to Novotel for welcome function of AUSTRALIAN COASTS & PORTS CONFERENCE 2023 SUNSHINE COAST | |