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TO
17 FEB 2023 | Newcastle
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Welcome Reception – Tuesday 14th February 2023

Hosted by the Port of Newcastle at Newcastle Club

DAY ONE – Wednesday 15 February 2023

08:00 Coffee & Registration

09:00 Welcome by Chairman/Moderator

09:10 Welcome Address by Craig Carmody, CEO, Port of Newcastle

09:20 Gold Sponsor Welcome Address - Ramboll

Keynote Panel: Options for ports to combat climate change

09:30 - The risks to Ports, Shipping & the Logistics from climate change are increasing.

10:40 This panel will discuss options available to combat these risks hearing from ports, shippers, and companies across the maritime industry. Confirmed panellists include *Craig Carmody, CEO, Port of Newcastle; My Therese Blank, Head of Oceania Export Market, Regional Ocean Management, A.P. Moller, Maersk, Rodney Begley, Acting CEO, PNG Ports (Papua New Guinea), Eranda Kotelawala, CEO, Solomon Islands Ports Authority*

10:40 Coffee & Networking

Session 1: Renewable Energy - Journey to Net Zero

10:55 *Matthew Bowdler, Principal Sustainability Advisor, Pilbara Ports Authority*

Climate change presents our business with opportunities to work with our stakeholders on mitigation and adaptation initiatives. An example of this is creating incentives for tenants to incorporate sustainability requirements such as emissions reduction. We are also working with our proponents to understand new energy opportunities such as clean ammonia and hydrogen.

11:10 *Simon Byrnes, CCO, Port of Newcastle*

This presentation will be discussing establishing a dedicated precinct for all forms of energy and associated technologies, the multiplier effect it will have at the Port of Newcastle as a global gateway as well as a catalyst for employment, growth and diversification.

11:25 Incentivising cleaner shipping in Ports through the Environmental Port Index and other levers

Jonathan Abrahams, Head of Maritime Advisory, Advisory Australia Maritime, DNV Australia Pty Limited

The presentation will provide a background to the Environmental Port Index (EPI) Portal project as well as share some of the results that include a demonstration of the reporting dashboard/portal that collates, assures and reports data received from vessels.

11:40 Managing energy at ports: a practical path to implementing change

Olivier Jamart, Executive Director, Digital & Microgrid Solutions, GE Power Conversion

This presentation will outline how energy management systems unlock energy efficiency and optimization of available energy, and enable energy mix flexibility while assuring reliability.

11:55 Question & Answer Session

12:15 Lunch & Networking

Session 2: Net Zero Carbon Cruising

13:40 A Vision for Net Zero Carbon Cruising

Joel Katz, Managing Director, CLIA Australasia

CLIA members have announced a vision for net-zero carbon cruising by 2050, and action is taking place now to achieve this vision, built on three pillars: Reducing carbon footprint on ships, investing in advanced environmental technologies onboard and partnering with ports and destinations on sustainable tourism.

13:55 *Philip Holliday, CEO and Director, Port Authority of NSW*

Port Authority of NSW have seen a range of initiatives implemented organisation-wide. One significant initiative that is underway includes: Shore Power: world-first 100% renewable electricity shore powered precinct and first shore powered cruise terminal in southern hemisphere commitments, addressing local air quality and noise, and carbon emissions.

14:10 Teresa Lloyd, Chief Strategy and External Affairs Officer, Carnival Australia

14:40 - Question and Answer Session

Session 3: Collaborative Communities

15:30 Clean Ports, Clean Oceans: Improving Port Waste Management in the Philippines

Czarina Constantino-Panopio, National Lead of No plastics in Nature Initiative, WWF-Philippines
WWF will present solutions conducted with the local communities, such as the improvement of the collection of plastic waste with a local organization called Plastic Bank in Manila, the development of a materials recovery facility in a community next to the port of Batangas, and will share how activities with other stakeholders in the port area have been developed to ensure that they do not negatively impact the communities working in the ports.

15:45 Resilient communities: Maximising support resilient and liveable regions through green port strategies

Craig Niles, Principal, Urban Planning, Ramboll

NSW is investing in regional economies to drive economic growth, resilience and prosperity. A range of programs exist to attract investment, including infrastructure delivery, improving planning policies for economic clusters and providing business concierge services. We will explore these regional trends and discuss planning implications and opportunities for ports, utilising cases studies from our work in Regional NSW as well as European case studies.

16:00 A partnership approach to environmental sustainability challenges in pacific island ports

Ed Rowe, Senior Engineer - Resilience (Coastal), ARUP

Through environmental assessment of port infrastructure and operations in the Pacific, and the development of a Roadmap for Green Ports (the Roadmap) the opportunity to collaborate to improve was a consistent theme.

16:15 Local Voices – a unique community engagement program based on research conducted by Australia's national science agency, CSIRO

Trudie Larnach, Manager Sustainability & Corporate Affairs, Port Waratah Coal Services

Port Waratah is pursuing genuine understanding of the expectations of our surrounding communities to meet their varied interests and concerns, extending beyond regulatory compliance and working hard to improve our operational, environmental and social performance. Port Waratah achieves this through listening to our stakeholders through the survey platform, 'Local Voices'

16:30 Question & Answer Session

16:50 Conference Close

6-10pm Conference Dinner – Hosted by the Port of Newcastle at Merewether Surfhouse

DAY TWO – Thursday 16 February 2023

08:30 Coffee & Registration

09:00 Opening by Chairman/Moderator

Session 4: Green Financing for Sustainable Port Development

09:15 ESG, an evolution of sustainability...

Jackie Spiteri, Director, Sustainable ESG

This presentation will consider what an organisation operating in the maritime sector can do to embrace and integrate ESG into the corporate business model. It will discuss and engage with the delegates on assessing materiality and alignment with the United Nations Sustainable Development Goals. It will also provide a lens on the importance of reporting and disclosure for accountability.

09:30 Green Financing - Investment risk 101

Nick Livesey, CFO, Port of Newcastle

This presentation will be discussing what lenders are looking at when considering debt transactions with customers and what green financing options are available within the maritime sector and how Sustainable Financing is helping achieve it as well as help maritime sector decarbonise.

09:45 Sustainable Financing

Craig Wilson, Head of Sustainability, Port of Brisbane

This presentation will be discussing establishing a dedicated precinct for all forms of energy and associated technologies, the multiplier effect it will have at the Port of Newcastle as a global gateway as well as a catalyst for employment, growth and diversification.

10:00 *David Jenkins, Global Head of Sustainable Financing, NAB*

10:15 Question & Answer Session

10:35 Coffee & Networking

Session 5.1: Green logistics: multimodal supply chains

10:55 Green logistics: Discussing the challenges and options of implanting sustainability within the logistic chain. The sustainability of renewables infrastructure – A review.

Kenny Walker, Principal Environmental Scientist, RHDHV

This presentation considers the sustainability of renewable infrastructure and undertakes a life cycle review of current reuse options including bulk battery storage and provides where industry, government and the future supply chain may develop in an Australian context.

11:10 Green logistics: Discussing the challenges and options of implanting sustainability within the logistic chain.

Ivan Spanjic, Chief Commercial Officer – Svitzer Australia

This presentation will explore the policy and technology requirements for implementing carbon-neutral towage in Australian ports, and how this can assist the development of green shipping corridors and broader green port initiatives. It will also cover the partnering opportunities for ports and others in the port supply chain and overcoming shore-side infrastructure challenges.

11:25 *Taylor Wamberg, Regional Maritime Commercial Markets Manager, Lloyd's Register*

11:55 Question & Answer Session

Session 5.2: Maritime Projects for Decarbonisation by 2050

10:55 *Australian Maritime Safety Authority*

11:10 *Margaret Barbouttis, Policy and Operations Director, Ports Australia*

11:25 *PIANC Australia New Zealand*

11:55 Question & Answer Session

12:15 Lunch & Networking

Session 6: Pathways to Sustainable Ports - What Does the Future Hold?

13:45 **Planning for the Green Port: the integrated infrastructure and land use planning to support transition and diversification**

Shaun Taylor, Senior Managing Consultant, Impact Assessment, Ramboll

The paper will discuss the planning and logistics requirements for ports to transition to green energy hubs, with a focus on international case studies where this has included transitioning from the transport of fossil fuels and other products.

14:00 **How to harness the power of data and digital solutions to tackle air quality and greenhouse gas reduction challenges at ports?**

Tam Pham, Sustainability Manager, RightShip

This presentation will explore how ports can utilise the power of data and innovative technologies to pinpoint hotspots, sources and practices that lower air emissions and pollutants in the supply chain. Accounting for air pollution surrounding port areas can help ports accelerate progress in improving air quality and help catalyse the emission abatement action needed to limit global warming to 1.5 degrees in line with the Paris Agreement.

14:15 *Lisa McKinnon, Principle Scientist, BMT & Susan McLeod, Manager Environment and Sustainability, TasPorts*

This presentation explores the feasibility, effectiveness and cost of each option explored for the existing vessel fleet, using a Net Present Value approach. A number of decarbonisation pathways are explored to assist decision-making and determine the most cost-effective and timeliest greenhouse gas emission reduction approach available with present and future technology.

14:30 *Adam van der Beeke, A/Environmental Manager, Fremantle Ports*

14:45 **Question & Answer Session**

15:05 **Coffee & Networking**

Session 7: Green Ports - What components are needed?

15:35 **Apia Green Port - Small steps, huge potential**

Sian John, Environment Director, Coastal and Marine Development, RHDHV, and Silalomanu Isaia, Samoa Ports Authority

This presentation will explore the Samoa Port Authority's journey through a green port 'health check' and the development of a Green Port Policy, supported by policy commitments, KPIs and targets focused on optimising resource use and decarbonising port operations, managing operations to prevent pollution and impacts on its surrounding environment and communities, managing and reducing waste, improving operational and navigational safety, increasing efficiency and ensuring resilience to climate change.

15:50 **Human Factor in Sustainable Ports**

Jeanine Drummond (She/Her), MD & Principal Maritime Advisor, Integral Maritime

The key theme being highlighted is the contribution of people, and through human performance gaining the best outcomes for sustainable green ports, including opportunity to improve diversity in minority representation.

16:05 *Matt Stephenson, Snr Manager ESG and Investor Relations, Port of Newcastle*

The presentation discusses the role of the port in developing sustainably as well collaborating with other stakeholders in helping with their sustainable development. Highlighting the importance of diversifying the Port of Newcastle's trade, measuring, protecting and enhancing biodiversity within its lands and working towards Net zero through a number of decarbonisation initiatives by 2040. Through to addressing societal issues such as promoting diversity and inclusion in the workforce and mitigating modern slavery in the supply chain.

16:20 **Sustainable Remediation of Port Land using Net Environmental Benefit Analysis**

Fiona Robinson, Country Market Director, Ramboll

The paper details the range of metrics that can be included in a NEBA evaluation, how these can be selected, and the information required to inform the evaluation. A case study will be presented showing the application of the tool in a semi-quantitative evaluation to identify the most sustainable remediation option.

16:35 **Question & Answer Session**

16:55 **Conference Wrap up by Conference Chairman/Moderator**

17:10 **Conference Close**

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- Place at the Welcome Reception – 14th February
- Place at the Gala Dinner – 15th February
- Place at the Port Tour – 17th February

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