



Green Ports Webinar Series # 2:

Smart, Clean, Connected: The Next Wave of Port Decarbonization

Thursday, 20 November 2025

1:45-2:45 pm MNL time

Ports are the heartbeat of global trade, handling around 80% of the world's goods by volume, and even more in developing economies. Yet the very activity that drives economic growth also creates concentrated environmental and social pressures.

Shipping accounts for roughly 3% of global greenhouse gas emissions, with a portion of these occurring in and around port areas. This not only contributes to climate change but also elevates local air pollution (NO_x, SO_x, and particulate matter), with levels in some port cities exceeding those from road traffic.

This webinar will focus on decarbonisation in ports, exploring practical pathways and technological solutions that can help reduce emissions across both shipping and port operations. It will bring together perspectives from across the maritime value chain to showcase how innovation, collaboration, and smart systems are enabling measurable progress toward low-carbon outcomes.

We will hear from Blue Visby, who will showcase their innovative approach to reducing vessel emissions through voyage optimisation and its integration with port and vessel traffic management systems. OMC International will present their Dynamic Under Keel Clearance (DUKC) technology, which enhances vessel efficiency as they come in to port by optimising draft and under-keel safety to reduce fuel consumption and associated emissions. NMRA Manly Ferries will share insights on their operational strategies for improving efficiency and lowering emissions across their fleet. Together, these perspectives will demonstrate how ports can act as catalysts for decarbonisation, bridging maritime and land-side efforts, and setting the pace for a more sustainable, resilient, and competitive port sector.

This is the second session in a webinar series that aims to spotlight what leading ports around the world are doing to address some of these challenges and explore how their approaches can be adapted and applied across Southeast Asia.

The webinar is organized by the Green Finance Hub (GFH) of ADB's Southeast Asia Regional Department (SERD) and the ASEAN Catalytic Green Finance Facility (ACGF). It is hosted by ADB's Southeast Asia Development Solutions (SEADS) platform.

ACGF – an ASEAN Infrastructure Fund initiative – supporting governments in Southeast Asia to prepare and finance infrastructure projects that promote environmental sustainability and contribute to climate change goals. The ACGF is owned by ASEAN governments and ADB and is managed by GFH.

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Time	Topic & Speaker
1:45-1:50 PM [5 minutes]	Welcome and Brief Overview <i>Jackie Spiteri, Managing Director, SESG</i>
	Panel Presentations:
1:50-2:00 PM [10 Minutes]	The Blue Visby Solution: Slowing Down to Speed Up Maritime Decarbonisation <i>Haris Zografakis, Chair of the International Working Group, Comité Maritime International and Coordinator, Blue Visby Consortium</i>
2:00-2:10 PM [10 Minutes]	Unlocking Vessel Efficiency: How DUKC Solutions can Drive Fuel and Emission Reductions (Up to 10 min presentation) <i>Brendan Curtis, Chief Commercial Officer and Senior Engineer, OMC International</i>
2:10-2:20 PM [10 minutes]	Operational Efficiency and Innovation on the Water: The NRMA Manly Fast Ferry Experience <i>Lorin Lambert, Environmental Sustainability Business Partner, NRMA</i>
2:20-2:40 PM [20 minutes]	Moderated Discussion (two questions per panellist) <i>Facilitated by Jackie Spiteri, Managing Director, SESG</i>
2:40-2:45 PM [5 minutes]	Closing <i>Jackie Spiteri, Managing Director, SESG</i>

Bios

	Jackie Spiteri is an experienced sustainability professional with over 18 years in the maritime and infrastructure sectors. She is the Founder and Managing Director of SESG, a specialist advisory firm helping organisations navigate the evolving sustainability and reporting landscape through tailored strategies, implementation, and education. Jackie has served in leadership roles including Board Member of PIANC ANZ and Chair of Ports Australia's Environment Planning and Sustainability Working Group. She is also an accredited Lead Auditor and the only Green Marine verifier in the Asia-Pacific region. Her career highlights include developing sustainability financing frameworks enabling over \$750 million in linked debt, contributing to the ASEAN Taxonomy V3 and ongoing work on V4, and leading the creation of KubeNest, an innovative sustainability software platform.
Jackie Spiteri Managing Director, SESG	

 Lorin Lambert Environmental Sustainability Business Partner, NRMA	Lorin Lambert is an Environmental Sustainability Business Partner at the NRMA, with a marine science background and a passion for driving practical climate solutions. She works alongside the Manly Fast Ferry team to support emission reduction efforts through efficiency initiatives like robotic hull cleaning, route and speed optimisation, and propeller upgrades. Lorin brings experience from sustainability roles spanning across retail and government entities, and will share real-world insights, challenges, and opportunities in the ferry sector's journey toward lower emissions.
 Haris Zografakis Chair of the International Working Group, Comité Maritime International and Coordinator, Blue Visby Consortium	Haris is a London-based maritime lawyer with international law firm Stephenson Harwood LLP. Over a period of 30+ years, he has dealt with all aspects of shipping and maritime trade, and served as head of the firm's commodities team between 2009-2024. He has been inducted to the Legal 500 Hall of Fame, and has been consistently recognised by the legal directories as a leading professional in his area of expertise. He is also a leading expert in the legal and contractual aspects of maritime decarbonisation. He is Chair of the International Working Group of the Comité Maritime International, co-ordinator of the Blue Visby Consortium, legal advisor to the Sea Cargo Charter, and acts for companies from across the spectrum of the maritime supply chain, as well as organisations and institutions. His decarbonisation expertise contributed to his recognition by Lloyd's List as one of the top ten maritime lawyers of 2023.
 Brendan Curtis Chief Commercial Officer and Senior Engineer, OMC International	Brendan Curtis is the Chief Commercial Officer and a Senior Engineer at OMC International, where he brings over two decades of experience working with ports and shipping operators worldwide. He specializes in implementing digital technologies to enhance operational efficiency, sustainability, and resilience, while improving navigational safety. Brendan has led strategic initiatives for ports globally, helping clients realise value through innovation and data-driven decision-making. He is a Chartered Engineer, a Certified Practicing Accountant (CPA), and holds an MBA from the University of Western Australia.