



Capital Link Decarbonization in Shipping Forum

"Moving from Discussion to Delivery"

Digital Conference

Wednesday & Thursday, April 14 & 15, 2021

Port Infrastructure, Logistics & Supply Chain Preparedness



Cristina Migliaro

Ports & Marine Facilities
Senior Advisor
RINA

The panel focused on Close community outreach, port authority mutual dialogue, decarbonization and digitalization of ports. In the first round of questions, the speakers shared the most successful project completed by their Port Authority and the main issues they faced in the path towards becoming a fully green port.

As the discussion progressed, the panelists talked about the future challenges of port infrastructures and the benefits provided by innovative digital solutions. In particular, the debate centered on how the adoption of advanced sustainable technology can drive operational efficiency in port systems and keep them competitive in a value chain approach



Jens Meier

Chairman
Hamburg Port Authority

Climate change is a global phenomenon. So, the answer will be, amongst others, the global application of a suite of technologies to reduce emissions. Port Authorities are in a strong position to regulate the deployment and application of green technologies. This means that, besides a massive push towards digitalization and automation, the pursuit of decarbonization will be a key driver for innovation. We are talking about a new era in which sustainability is achieved not through trade limitations but through the implementation of new technologies. Since this is a global development, we cooperate with ports on national and global basis, exchange experiences and knowledge and learn from each other to be able to achieve decarbonization in the shipping industry.



Quah Ley Hoon

CEO
Maritime & Port Authority (MPA)

As a major transshipment hub, the Port of Singapore contributes to the global supply chain through our connectivity, efficiency of our port operations and sustainability measures. Our connectivity with more than 600 ports in the world allows goods to be moved from one country to another in a more efficient manner.

MPA has launched the \$40mil Maritime GreenFuture Fund to accelerate low-carbon R&D efforts as well as setting up the International Advisory Panel on Decarbonisation to define strategies and pathways to decarbonise. MPA is also developing a Maritime Singapore Decarbonisation Blueprint 2050, which will be launched in end 2021 and outline our overall strategy towards decarbonisation. MPA will also focus our efforts on joint collaborations with industry partners, stakeholders and other leading ports to conduct pilot trials on low-carbon fuels (e.g electrification, ammonia, biofuels) as well as to develop common bunkering standards.



Allard Castelein

President & CEO
(Port Authority)
Port of Rotterdam

As Europe's largest port, Rotterdam aims to be frontrunner in the energy transition. Therefore the Port of Rotterdam is supporting the shipping industry in its decarbonization efforts. We work for instance with the industry in setting up facilities for the bunkering of sustainable fuels. We have done so for LNG in the past and together with the industry we're looking at other low-carbon and net zero-emission fuels now. We're also realizing shore power facilities within the port in cooperation with the terminals as well as the shipping industry. Last but not least we're making logistics more efficient with the use of digitization. The Port of Rotterdam has developed a number of digital tools to for the industry to make supply chains more efficient.