

# Decarbonization and Digitalization

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“Decarbonization” and “Digitalization” are two words widely discussed in the shipping industry. Both are also key areas ports around the world are working independently or collaboratively. Digitalization can support decarbonization by providing critical data needed to monitor, track, inform, forecast and research efforts. Guided by the Clean Air Action Plan, the Port of Long Beach understands the importance of growing commercially and generate jobs while reducing Port-related air pollution and health risks. We also know that we cannot work on decarbonization efforts in a vacuum. Therefore, the Port established Green Shipping Corridor partnerships with Singapore MPA and Shanghai SMTC. Supply Chain Information Highway, the Port’s digitalization project, was created based on lessons learned from the 2020-2022 global supply chain disruptions. The development roadmap includes data optimization, cargo visibility, inter-operability and expandability. We believe the platform can greatly complement decarbonization by utilizing the digitalized nature of the platform and “operationalize” various aspects of the effort. Two examples will be shared with audience to highlight how digitalization can support efficiency and decarbonization. The Port’s decarbonization and digitalization development is on-going and we hope to share and discuss with partners during BIPC.