

SUMMARY OF PRESENTATION

Sustainability in the Cyber Age

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From households, to municipalities, to industrial complexes and across the global supply chain, sustainability initiatives have been a common and growing phenomenon over the past several decades. Sustainability takes on many forms, but recent climate change studies have underscored the urgent need for comprehensive approaches to reduce our carbon footprint, minimize waste, and protect our ocean environment. Each of these broad measures converge in port ecosystems.

The Port of Los Angeles views sustainability from a business, community and environmental vantage point. Sustainability practices at the Los Angeles waterfront are critical to the success of the comprehensive Los Angeles Sustainability Plan. Development and deployment of advanced technology is a common thread across many of the Plan's measures.

Through collaboration and sharing of best environmental practices, the Port of Los Angeles has made great strides in reducing port-related emissions and other adverse impacts on the environment. As it continues to test and accelerate the development of cleaner maritime equipment, a new generation of emerging information technologies will help improve reliability, predictability and efficiency across the global supply chain. The Port believes the digitalization of our complex through the development of a port community system will redefine the way goods and services relate to the physical environment of our port complex. If we can responsibly harness the potential of an array of new technologies, it will reposition the port as a trusted partner in digital operations just as it is in physical operations.

Building trust requires a robust cybersecurity effort. Cybersecurity must be deeply rooted in strategies to deploy these new and transformational technologies. As recent industry incidents have illustrated the damage that cyber attacks can inflict on maritime trade, we must engage public-private sector partnerships in cyber information sharing, effectively secure our port community systems, and implement other operational measures to protect our port ecosystems. This has been a top priority at the Port of Los Angeles over the past several years.