

Abstract

(Session 2) Port Innovation & Sustainability

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Creating Space for Innovation

The Port of Los Angeles has long been a leader in reducing pollution. Its many environmental initiatives over more than two decades have reduced emissions of all kinds, with diesel particulate matter down 91% and sulfur oxides reduced by 98% since 2005, even with simultaneous cargo growth of 15% over that same period. The Port's most recent Air Emissions Inventory indicates the lowest level of overall emissions in twenty years, proving that economic growth and environmental stewardship can go hand in hand.

These achievements have been the shared accomplishment of the entire San Pedro Bay Port Complex and its supply chain partners. Similarly, the path to a zero emissions future will be taken together. As a landlord, the Port of Los Angeles does not own the equipment from which air emissions emanate. The port can, however, create an environment within which shippers, terminal operators, trucking companies, and rail operators can put leading edge, environmentally sound equipment to use.

To that end, the Port is undertaking several initiatives to ensure its zero emissions (ZE) goals are met. These include enhancing electrical loads at our terminals to facilitate new ZE cargo handling equipment, providing monetary incentives for the purchase battery electric trucks and installation of charging stations, moving ahead with the Port's Hydrogen Hub project, building a goods movement training campus to ensure the workforce have the knowledge and skills needed to operate and maintain ZE equipment, and creating Green Shipping Corridors with ports around the world to decarbonize the vessel-side of the maritime industry. With ingenuity, partnerships, and innovation Los Angeles and ports around the world can facilitate the transition away from fossil fuels.