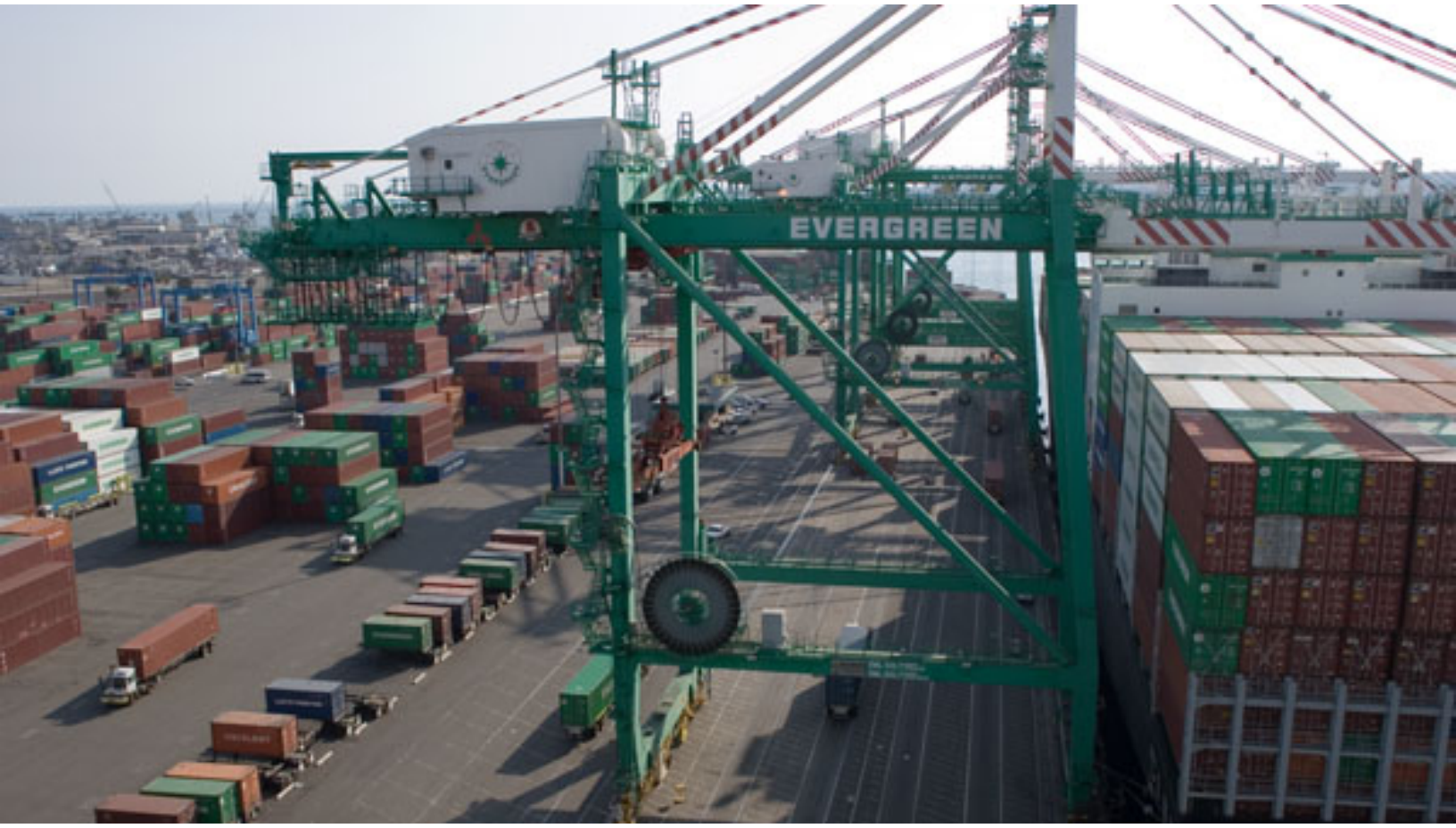

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Ports of Los Angeles and Long Beach tackle CO2 emissions head on

The **Port of Los Angeles**has led the development of a **Carbon Calculator** for ports to estimate greenhouse gas emissions from their operations and explore reduction strategies.

The free tool (available in both English Unit and Metric Unit versions), designed in collaboration with experts from a handful of other ports worldwide, forms part of the **World Ports Climate Initiative** (WPCI) designed to identify and promote “effective, sustainable practices and strategies for ports and harbours to improve air quality”. The **WPCI Carbon Footprinting Guidance** report can be found **here**.

Port of Los Angeles technicians expect the initiative will be used a planning tool that ports worldwide can use to compute the benefits of replacing or retrofitting equipment with systems or machines that run on sustainable power.

“The Carbon Calculator is a powerful tool to help each port chart its own course toward reducing greenhouse gases,” explains Port Executive Director **Geraldine Knatz, Ph.D**. “A consistent methodology among ports will help us assess our global impact.”

In related news, the **Port of Long Beach**has announced a new installation at its Pier C, which uses **Cavotec**’s Alternative Maritime Power (AMP) solution to provide electricity to docking ships, allowing them to shut down secondary diesel engines and thus reducing harmful emissions. This is the fourth unit to be put in place at the port in an effort to comply with state regulations that require 50 per cent of containership visiting Californian ports to use shore power by 2014.

"Together with our industry partners we have shown the world that it is possible to move more cargo and reduce emissions at the same time," declared **Susan E Anderson Wise**, President of the Long Beach Board of Harbour Commissioners.

Both ports operate using a number of **Cavotec** innovations including **Shore Power Outlet Boxes** (Medium Voltage Connectors and Fiber Optic Junction boxes), **Panzerbelt** cable protection system, **AMP** Mobile (including Cavotec remote control unit), **AMP** Vault Easy Lift Cover Assemblies, **CableReels** (installed on Ship To Shore cranes), One-Hand Lift Fire **HydrantCovers** and Compressed Air **PitAssemblies**.

Sustainability initiatives undertaken by the**Port of Los Angeles** to operate more sustainably and create employment in and around the port are highlighted in a **short film**. The film includes an interview with Cavotec CEO, **Ottonel Popesco**, who describes how Cavotec and the port have worked together to introduce shore-to-ship electricity supply, **Alternative Maritime Power**, at the port.

Cavotec is a leading engineering company with 50 years of heritage in

innovation, designing and delivering advanced connection and electrification solutions that drive the decarbonisation of ports and industrial applications. With five decades of experience, our systems ensure safe, efficient, and sustainable operations for a diverse range of customers and applications worldwide.

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