



CALIFORNIA CONTAINERIZED PORTS INTEROPERABILITY GRANT PROGRAM

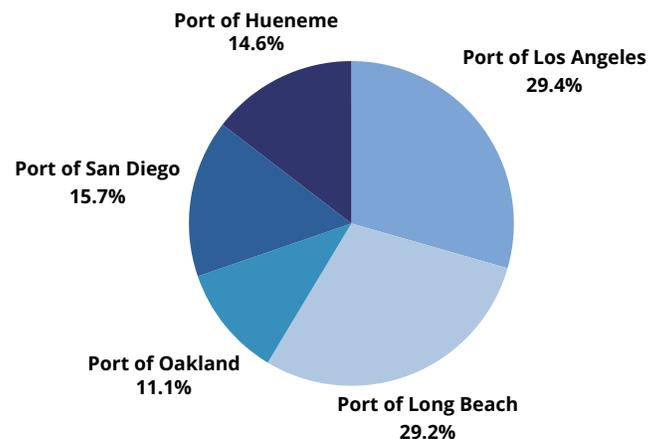
The California Containerized Ports Interoperability Grant Program represents a groundbreaking \$27 million investment in California's goods movement and supply chain. In coordination with the California Governor's Office of Business and Economic Development (GO-Biz), Build Momentum (Momentum) and Insight Softmax Consulting (ISC) administered the first-of-its-kind Program, funding ten critical data interoperability projects at five eligible containerized ports in California: Port of Los Angeles, Port of Long Beach, Port of Oakland, Port of San Diego, and Port of Hueneme. The projects funded under the Program will drive statewide economic, supply chain, and environmental benefits in alignment with four key objectives:

FEDERAL ALIGNMENT	Ensuring that port proposals and data systems align with federal goals and initiatives related to goods movement, efficiency, and environmental benefits.
EMISSIONS REDUCTIONS	Improving efficiencies through data management to drive emissions reductions, achieving regional, state, and federal climate goals.
ECONOMIC COMPETITIVENESS	Addressing the economic competitiveness of California ports through comprehensive data management and organization.
STAKEHOLDER ENGAGEMENT	Facilitating broad community and port ecosystem stakeholder engagement to ensure equitable participation, knowledge sharing, and benefits.

The Program transformed the approach to grant administration through proactive collaboration with applicants. Momentum and ISC established a Technical Advisory Committee in early stages of development, ensuring that Program funds thoroughly addressed challenges facing the port ecosystem. Available throughout project scoping and proposal development, these technical experts guided ports toward meaningful project outcomes. The projects funded through this Program incorporate artificial intelligence, climate resiliency measures, data infrastructure expansion, small business integration, and new data standards development. The Program will revolutionize port interoperability and enhance data visibility, meeting the unique needs of each location while prioritizing cross-facility engagement and knowledge sharing. This Program will serve as a replicable model for similar investments in port data interoperability across the US, demonstrating achievable efficiency improvements and emissions reductions associated with comprehensive data management.

PROGRAM ACHIEVEMENTS

- ★ Groundbreaking \$27 million allocated to support statewide port interoperability
- ★ First-of-its-kind program with an innovative, equity-centered approach
- ★ Replicable model for additional state and federal investments
- ★ New opportunities for ports to collaborate and lead data system development



Percentage of Funds Allocated to Each Port

This Program provided GO-Biz, Momentum, and ISC a unique opportunity to **rethink the grant administration process to center the needs and capabilities of applicants**, crafting projects that will facilitate immediate collaboration and pave the way for interoperability. Through ten distinct projects, the Program will develop use cases, applications, and data standards that support operational improvement and expand equitable data access for key port stakeholders.

AWARD SUMMARIES

Port	Funding Awarded	Total Port Funding
Los Angeles	\$1,320,000	\$7,950,000
Los Angeles	\$2,930,000	
Los Angeles	\$3,700,000	
Long Beach	\$3,675,000	\$7,875,000
Long Beach	\$2,950,000	
Long Beach	\$1,250,000	
Oakland	\$1,375,000	\$3,000,000
Oakland	\$1,625,000	
San Diego	\$4,240,000	\$4,240,000
Hueneme	\$3,935,000	\$3,935,000
Total	\$27,000,000	

Prioritizing equity in award decisions, the TAC considered several key factors including twenty-foot equivalent unit (TEU) volume, vessel dwell times, container dwell times, truck turn times, demonstrated data needs, interoperability improvements proposed, the application scoring rubric, and the overall impact to the California port ecosystem.

PORT OF LOS ANGELES

The Port of Los Angeles received **\$7.95 million** for three projects that will build the foundation for a mobile app to enhance data visibility, expand the current trucking appointment system with AI integration, and develop a Carbon Intensity Gateway to streamline environmental and emissions data, all of which are expected to increase port efficiency and reduce emissions.

PORT OF LONG BEACH

The Port of Long Beach received **\$7.88 million** for three projects that will enhance the features of the existing Supply Chain Information Highway to increase supply chain visibility and data processing speeds, optimize efficiency through data analytics, and drive interoperability through increased collaboration, common data standards, and a shared governance approach.

PORT OF OAKLAND

The Port of Oakland received **\$3 million** for two projects that will develop an integrated data environment for upstream and downstream stakeholders and implement a Unified Terminal Appointment System to support more flexible scheduling, allowing the Port to achieve greater drayage efficiency and fluidity.

PORT OF SAN DIEGO

The Port of San Diego received **\$4.24 million** for one project that will digitalize port data operations that currently rely on manual processes. The new and centralized system will allow the Port to participate in the data interoperability space and work with other ports to develop shared data standards for non-containerized cargo.

PORT OF HUENEME

The Port of Hueneme received **\$3.94 million** for one project that will establish a unified port-wide terminal operating system to facilitate information sharing. The project will prepare the Port for cloud-based systems and enhance interoperability across the supply chain, ultimately reducing Port emissions and fostering sustainable growth.