



environmental STEWARDSHIP

in the PUBLIC TRUST



PORT OF OAKLAND
EVERYONE'S PORT

www.portofoakland.com

Message from the PORT DIRECTOR

**Our commitment to
Zero Emissions ...
will improve air quality,
benefit our community's health,
and create jobs.**

The Port of Oakland, its maritime facilities, Oakland International Airport, and its commercial real estate are public resources. We are committed to managing our operations in the public interest for the public good. To achieve this commitment, the Port of Oakland must be environmentally sustainable.

Sustainability is particularly urgent for the communities surrounding the Port that face direct and indirect pollution burdens from our operations. While conditions have improved considerably, disparities persist for adjacent communities, and much work remains to be done.

Our commitment to Zero Emissions at the Port of Oakland will improve air quality, benefit our community's health, and create jobs. This work will also help the State's efforts to achieve air quality and climate targets.

We are actively working to keep San Francisco Bay free from pollution by enforcing stringent construction regulations and performing regular fuel tank inspections and remediation at the Port and tenant facilities.

The Port of Oakland has operated since 1927. We are stewards of these lands, air, waterways, and facilities. Through innovative projects we are building a Port that can carry on for generations.

We look forward to working with you to reach our shared goals.

Sincerely,

Danny Wan

Port of Oakland Executive Director

in the
PUBLIC TRUST

the future

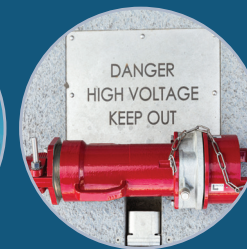
We are innovating and improving the sustainability of our operations.

As technology advances, we are planning to adapt and adjust our operations as needed.

The community's active involvement in these issues is crucial. Funding for federal and state grants is a competitive process, and the engagement of stakeholders is important in securing the funding we need to meet our environmental goals.

We want our growth to prioritize the long-term sustainability and stewardship of our community and environment. We plan on serving countless generations of Oaklanders and the larger region for years to come.

getting to zero emissions



A Zero-Emissions Seaport



Seaport Electrification

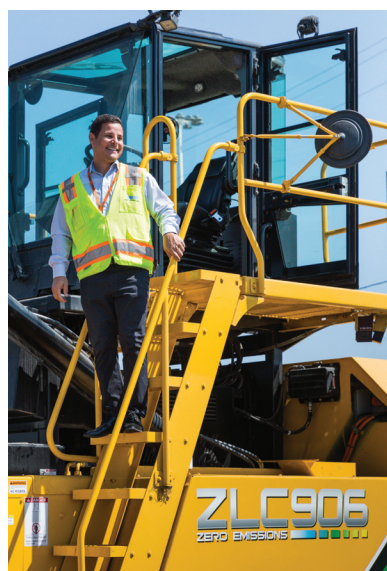
The Port has installed electric truck charging stations and has plans for putting in more.

Technology changes are allowing the Port to make significant progress. We regularly update our plans to take advantage of these advancements as we work to reach zero emissions at the Port. The public's support for Port of Oakland grant applications is key to our success to reduce emissions from cargo operations.

“In 2020, 83.1% of our energy was carbon-free, and 70.3% was renewable.”

Tracy Fidell
Port Associate
Environmental
Planner/Scientist

Tracy Fidell holds a sample of a shore power plug that allows a big ship to connect with clean electricity from the Port's power grid.



The Port of Oakland is committed to achieving zero emissions:

- We are installing the first Mobile Shore Power outlets in the United States;
- We are replacing and modernizing the three primary electrical substations serving the Seaport to electrify the Port;
- We have installed equipment chargers throughout the Port; and
- We have installed one of the first Shore Power systems for cargo ships in the U.S.

◀ Port of Oakland Wharfinger **Ralph Reynoso** stands on one of the world's first all-electric top-pickers. This zero-emissions equipment at the Oakland Seaport can stack big shipping containers.



“ At Oakland International Airport, we work on sustainable airport operations. A lot of the equipment that keeps the airport running is already battery-electric powered, which means zero emissions for our community. ”

Susan Fizzell, Senior Aviation Project Manager
Aviation Planning and Development

Jon Cimperman, Airport Operations Manager, Landside
Ground Transportation and Parking Services

getting to
ZERO EMISSIONS

More Sustainable Air Travel



Oakland International Airport is leading the way with innovative projects to help reduce emissions:

- Our largest airline partner, Southwest Airlines, has implemented the use of sustainable aviation fuel at Oakland International Airport;
- We purchased five battery-electric shuttle buses at the Oakland Airport, the first of our “Fleet of the Future,” to ensure our shuttle buses operate at 100% zero emissions over the next decade;
- Planes at OAK gates plug into our electrical system, keeping the planes cool without having to run their engines unnecessarily; and
- Our Terminal 2 attained Leadership in Energy and Environmental Design (LEED) certification in 2010.



Waterfront for Everyone

getting to
ZERO EMISSIONS

Our commercial real estate efforts prioritize our environmental and community health while creating good-paying jobs:



- We are breathing new life into dilapidated and underutilized warehouses, parking lots, and vacant land by converting them into much-needed housing, waterfront parks, offices for small local businesses, and community spaces;



- We are supporting waterfront and Bay Trail recreation with community events and sustainable travel alternatives including bicycle-friendly areas; and



- We are working to improve roadways and access for the utilization of all our commercial and shipping partners, cutting emissions in the process.

Environmental Stewardship

Protecting the Bay

The Port is entrusted with the protection of San Francisco Bay waters. For nearly a decade the Port has been reducing pollutants in stormwater discharges.

This includes:

- Public education and outreach
- Public involvement and participation
- Construction site stormwater runoff control
- Post-construction stormwater management
- Illicit discharge detection and enforcement

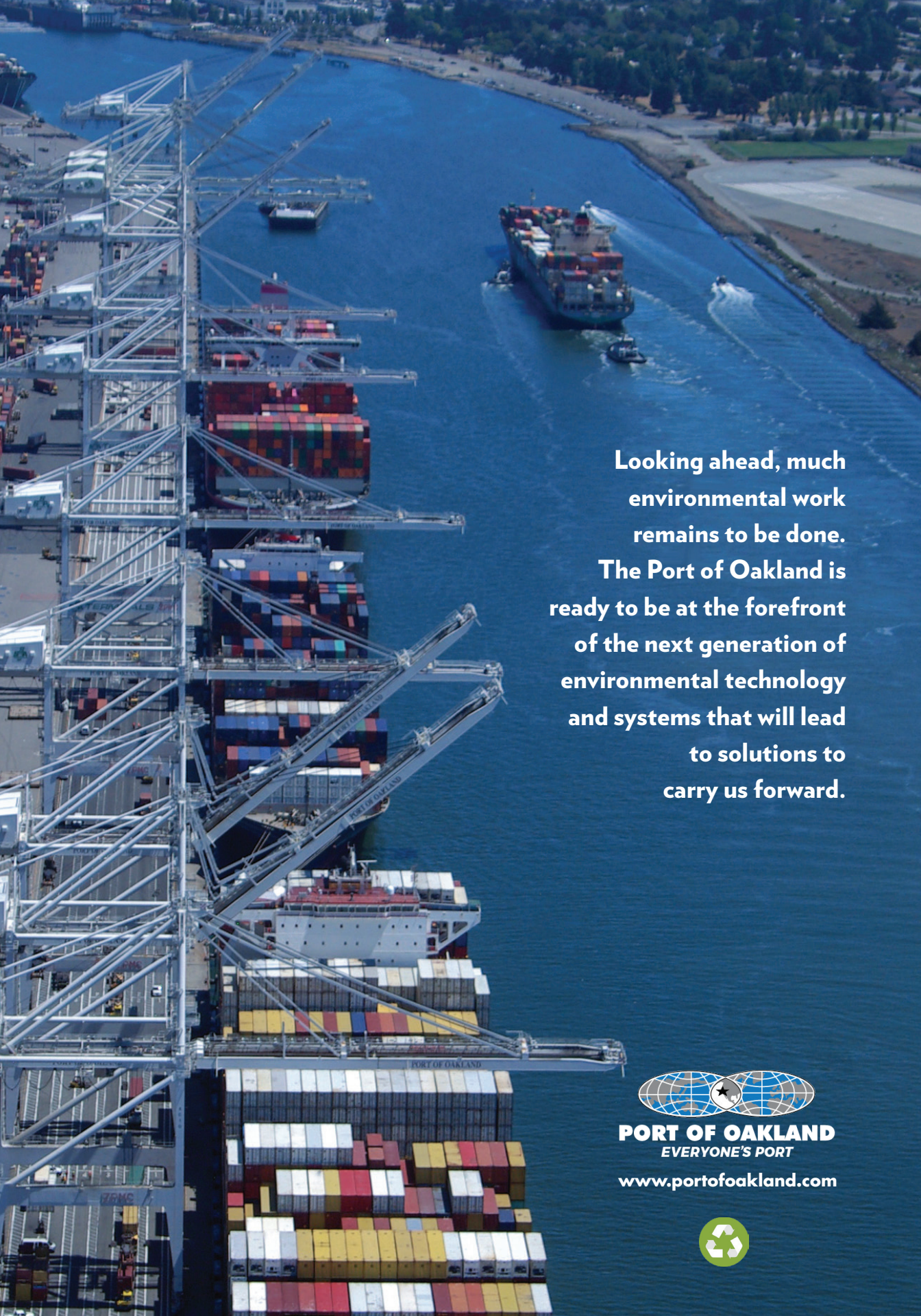


managing WATER RESOURCES

“Water is the heart of the Port.
The Port manages water resources
to support thriving recreation,
wetlands, wildlife and commerce.”

Colleen Liang
Acting Director of
Environmental
Programs and Planning





Looking ahead, much environmental work remains to be done.

The Port of Oakland is ready to be at the forefront of the next generation of environmental technology and systems that will lead to solutions to carry us forward.



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