

DOCKETED

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Document Title:	Presentation - REACH Central Coast Waterfront Infrastructure Study - October 31, 2022 AB 525 Workshop
Description:	Presentation from REACH Central Coast Waterfront Infrastructure Study for CEC Workshop on AB 525: Assessing California's Seaports to Support Offshore Wind Energy
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Organization:	REACH Central Coast Waterfront Infrastructure Study
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REACH Central Coast Waterfront Infrastructure Study

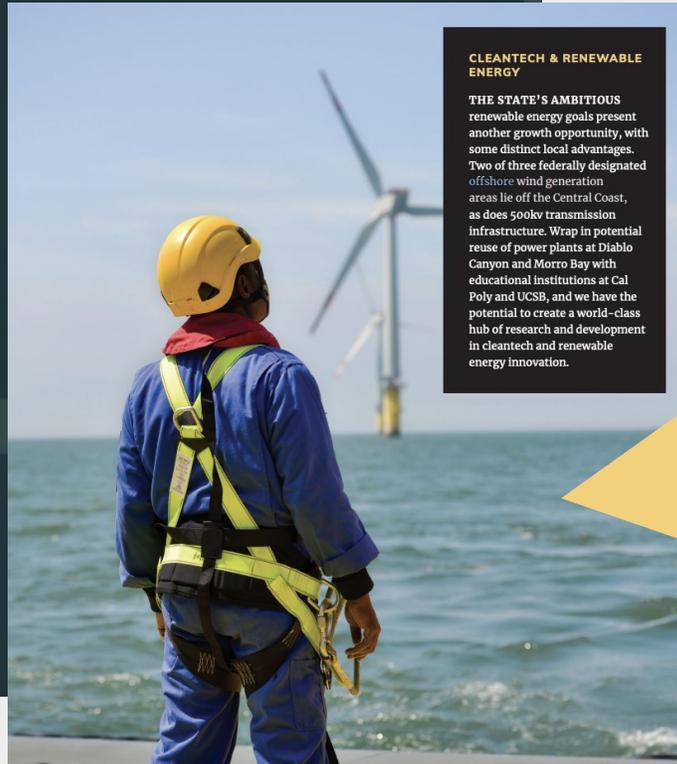
Workshop on Assembly Bill 525: Assessing California's
Seaports to Support Offshore Wind Energy

October 31, 2022

REACH

Central Coast Regional Economic Strategy

REACH 2030



CLEANTECH & RENEWABLE ENERGY

THE STATE'S AMBITIOUS renewable energy goals present another growth opportunity, with some distinct local advantages. Two of three federally designated offshore wind generation areas lie off the Central Coast, as does 500kv transmission infrastructure. Wrap in potential reuse of power plants at Diablo Canyon and Morro Bay with educational institutions at Cal Poly and UCSB, and we have the potential to create a world-class hub of research and development in cleantech and renewable energy innovation.

Central Coast Renewable Energy Leadership

“Two of three federally designated offshore wind generation areas lie off the Central Coast, as does 500kv transmission infrastructure. Wrap in potential reuse of power plants at Diablo Canyon and Morro Bay with educational institutions at Cal Poly and UCSB, and we have the potential to create a world-class hub of research and development... *Harnessing our local assets and experience can power the Central Coast to the forefront of the state's energy future.*”

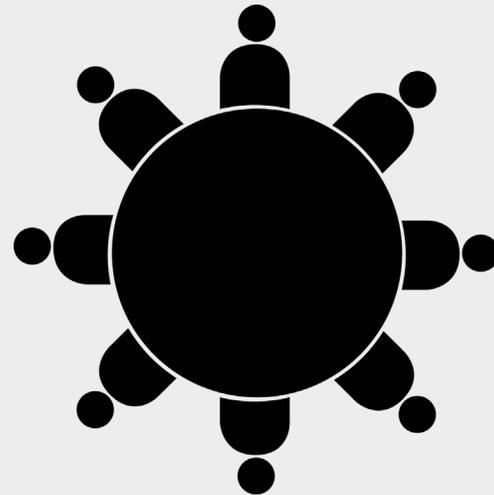
Central Coast Offshore Wind Efforts

ECONOMIC IMPACT OF OFFSHORE WIND FARM DEVELOPMENT ON THE CENTRAL COAST OF CALIFORNIA

CALIFORNIA POLYTECHNIC STATE UNIVERSITY
APRIL 3, 2021



REACH-Cal Poly OSW Economic Impact Report (2020 -2021)



State Agency + Industry Roundtables (May -June 2021)

IN THE BOARD OF SUPERVISORS
COUNTY OF SAN LUIS OBISPO, STATE OF CALIFORNIA
Tuesday, June 22, 2021

PRESENT: Supervisors John Peschong, Bruce S. Gibson, Dawn Ortiz-Legg, Debbie Arnold and Chairperson Lynn Compton

ABSENT: None

RESOLUTION NO. 2021-134

RESOLUTION RECOGNIZING THE POTENTIAL OF RENEWABLE WIND POWER GENERATION FOR, AND CLEAN ENERGY INFRASTRUCTURE, AS LONG-TERM ECONOMIC BENEFITS TO SAN LUIS OBISPO COUNTY

The following resolution is hereby offered and read:

WHEREAS, power generation from the wind, including offshore wind, is being developed globally as a means of providing a clean, reliable energy source of energy as nations reduce dependence on fossil fuels; and

WHEREAS, the United States Executive Administration has established a target of 30 gigawatts (GW) of installed offshore wind energy by 2030, and on May 25, 2021, announced plans to open California coast to offshore wind development and allow wind power projects to be built in an area northwest of Morro Bay; and

WHEREAS, California, a pioneer and leader in renewable energy, passed the 100 Percent Clean Energy Act of 2018 and directed that eligible renewable energy resources supply 100% of retail sales of electricity to California customers by December 31, 2045; and

WHEREAS, San Luis Obispo County has been a leader in energy generation for over a century, including the current contribution of 2.2 gigawatts of carbon free, base load energy generated at Diablo Canyon Nuclear Power Plant and, 800 megawatts of utility scale solar generation; and

WHEREAS, the United States Department of Interior, through its Bureau of Ocean Energy Management (BOEM), has identified promising areas in Federal waters off the central and northern California coast for wind energy production; and

WHEREAS, Federal and State policy mandate and encourage local workforce partnerships and economic benefits to communities that help foster offshore wind energy production; and

WHEREAS, there is record demand for sustainable renewable energy and record investment by the private and public sector in its development; and

Page 1 of 3

SLO County Board Resolution (June 2021)



July 16, 2021

President Joe Biden
The White House
1600 Pennsylvania Avenue, N.W.
Washington, DC 20500

Governor Gavin Newsom
1303 10th Street, Suite 1173
Sacramento, CA 95814

Sent via email

Subject: Declaration of bipartisan commitment to advance offshore wind planning and development on the Central Coast of California

President Biden and Governor Newsom:

In support of Federal and State wind energy goals, as a bipartisan coalition of local leaders, we are writing to declare our commitment to advance the responsible and proactive planning for the development of offshore wind off the Central Coast of California. We respectfully request your consideration in allocating state and federal funding for a feasibility analysis to assess possible locations for a clean energy port and other infrastructure needs on the Central Coast.

San Luis Obispo County's coastline is uniquely situated to catalyze offshore wind development given existing critical transmission infrastructure, both at Diablo Canyon Power Plant, the state's last operating nuclear power plant slated to shut down no later than 2025, as well as the already shuttered Morro Bay Power Plant. Our community is also nearest to the Morro Bay 399 Area which would support approximately 75%, or 3 gigawatts, of California's designated area to develop offshore wind.

Central Coast Leaders' Letter on OSW Infrastructure (July 2021)

REACH Waterfront Infrastructure Study



Exploring potential infrastructure

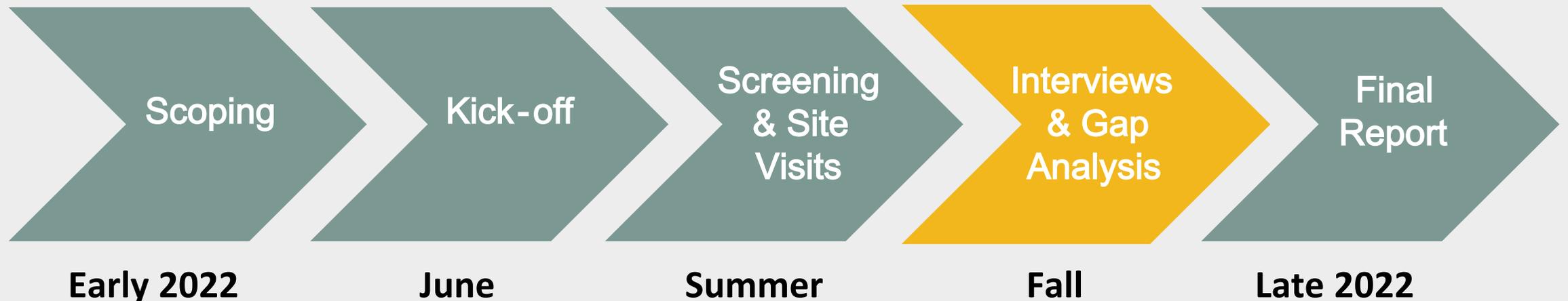
REACH has launched a study examining opportunities to support offshore wind development and create new jobs by enhancing or adding to the region's waterfront infrastructure.

Regional Partnership to Explore Central Coast Waterfront Infrastructure Opportunities

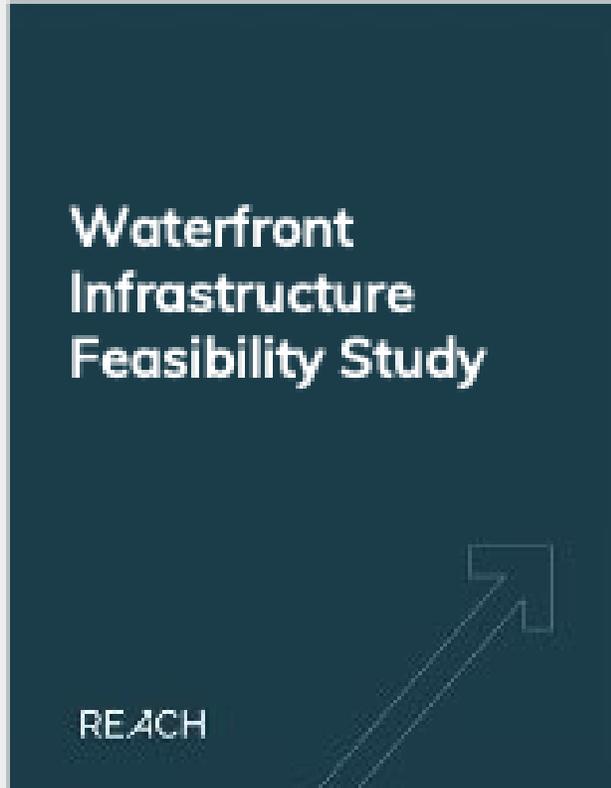


REACH Waterfront Infrastructure Study

- + **2 County Geographic Scope:** San Luis Obispo and Santa Barbara Counties
- + **2 Industry Scope:** Offshore Wind and Commercial Space
- + **3 Agency Funders:** County of San Luis Obispo, County of Santa Barbara and City of Morro Bay
- + **Industry Input:** Discussions and feedback from ~10 OSW developers
- + **Partners:** Input and coordination with Central Coast waterfront officials, Vandenberg Space Force Base, National Renewable Energy Lab, GO-Biz and other local, state and federal stakeholders



REACH Waterfront Infrastructure Study



Expected Report Outcomes + Goals

- + Roadmap of Central Coast infrastructure options to support planning efforts
- + Ecosystem of potential sites for large and small facilities in 2-county region
- + Infrastructure upgrades assessment and estimated costs
- + Governance, finance and regulatory considerations

Thank you

Joshua Boswell

VP of Policy & Economic Development

REACH Central Coast

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www.reachcentralcoast.org

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