

| <b>DOCKETED</b>         |  |
|-------------------------|--|
| <b>Docket Number:</b>   | 26-POPD-01   |
| <b>Project Title:</b>   | Prop 4 Offshore Wind Ports Development Program           |
| <b>TN #:</b>            | 269206   |
| <b>Document Title:</b>  | Proposition 4 OSW Port Development Intro Workshop Slides |
| <b>Description:</b>     | N/A  |
| <b>Filer:</b>           | Daphne Molin   |
| <b>Organization:</b>    | California Energy Commission                             |
| <b>Submitter Role:</b>  | Commission Staff   |
| <b>Submission Date:</b> | 3/16/2026 11:01:18 AM                                    |
| <b>Docketed Date:</b>   | 3/16/2026  |



# Proposition 4 Offshore Wind Port Development Introductory Workshop

March 17, 2026



# Workshop Logistics

- Zoom workshop recording will be posted:  
<https://www.energy.ca.gov/event/workshop/2026-03/staff-workshop-proposition-4-offshore-wind-port-development-program>
- Presentation slides are posted in Docket No. 26-POPD-01:  
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=26-POPD-01>
- Workshop Questions and Public Comments
  - CEC will address clarifying questions after the presentation
  - Use Q&A function or raise hand feature to ask questions or make a comment



# Workshop purpose

- Introduce the Proposition (Prop) 4 Offshore Wind Port Development (POPD) program
- Initiate public engagement to guide allocation of approximately \$183M for port upgrades supporting offshore wind development
  - Public Comment through May 22, 2026



Source: Principle Power



# Agenda

- Opening Remarks
- Overview of the Proposition 4 Offshore Wind Port Development (POPD) Program
- Offshore Wind Ports Background and Related Activities
- Program Solicitation Approach: Early Considerations
- Next Steps and Ways to Engage
- Clarifying Questions and Public Comment

# Opening Remarks

Jessica Eckdish, Climate Initiatives Branch Manager



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# **Prop 4 Offshore Wind Port Development (POPD) Overview**

**Daphne Molin, Program Specialist**





# Prop 4 Overview

- Approved by voters in November 2024
- Established in Public Resources Code commencing with Section 90000
- \$10 billion in local projects that strengthen communities, such as:
  - Water resilience
  - Wildfire and forest resilience
  - Clean air
    - Offshore wind port development
    - Long Duration Energy Storage



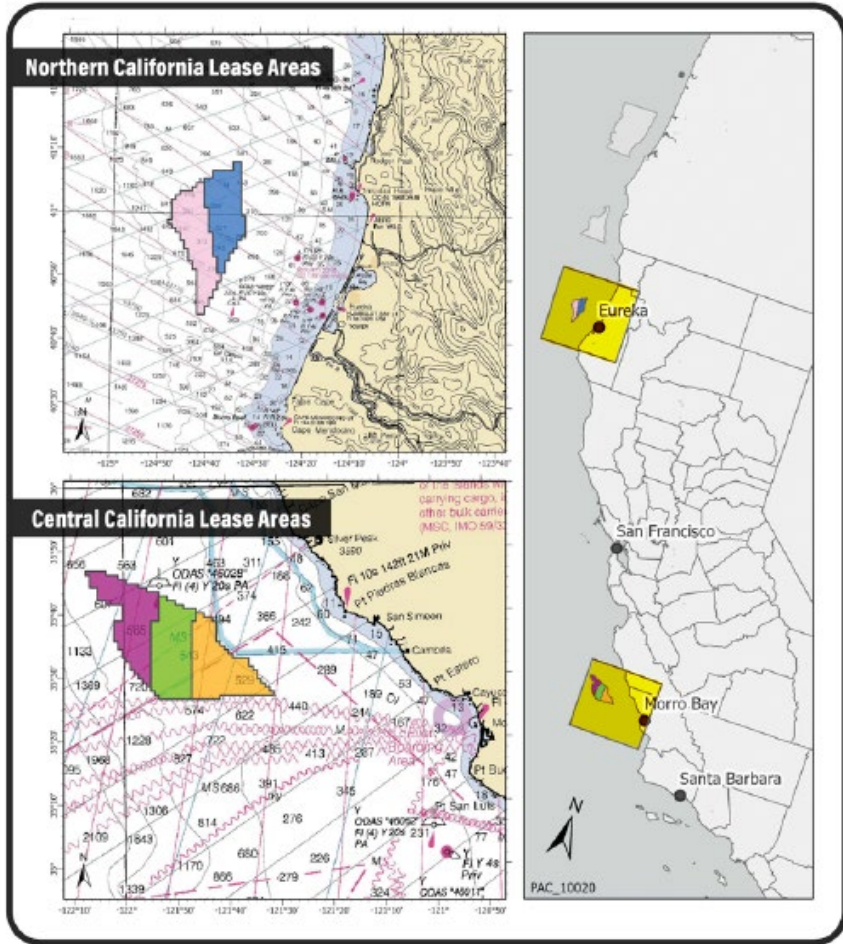
Prop 4 Statute (SB 867 (2024), 2024 Climate Bond):

[https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202320240SB867](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202320240SB867)

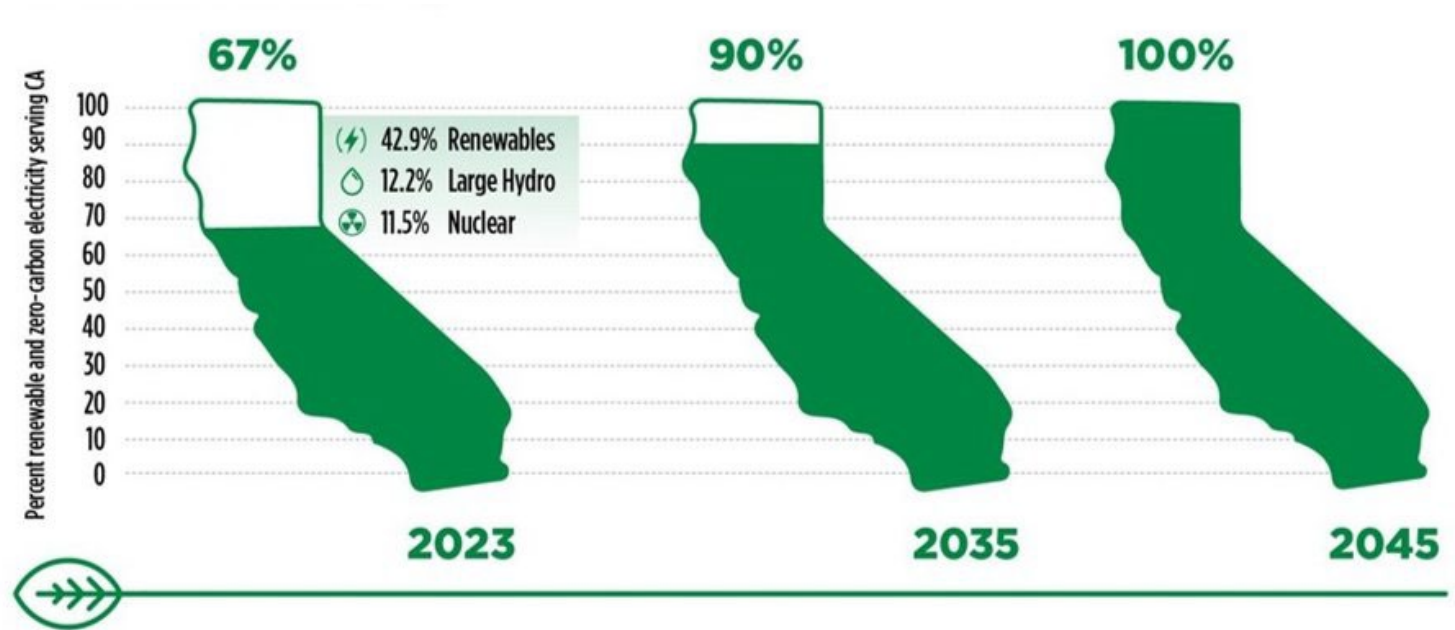
Climate Bond overview: [https://bondaccountability.resources.ca.gov/Propositions/Proposition\\_4\\_Climate\\_Bond](https://bondaccountability.resources.ca.gov/Propositions/Proposition_4_Climate_Bond)



# Prop 4: Supporting Offshore Wind Plans



Source: Bureau of Ocean Energy Management



Source: California Energy Commission  
Data Current as of April 2025



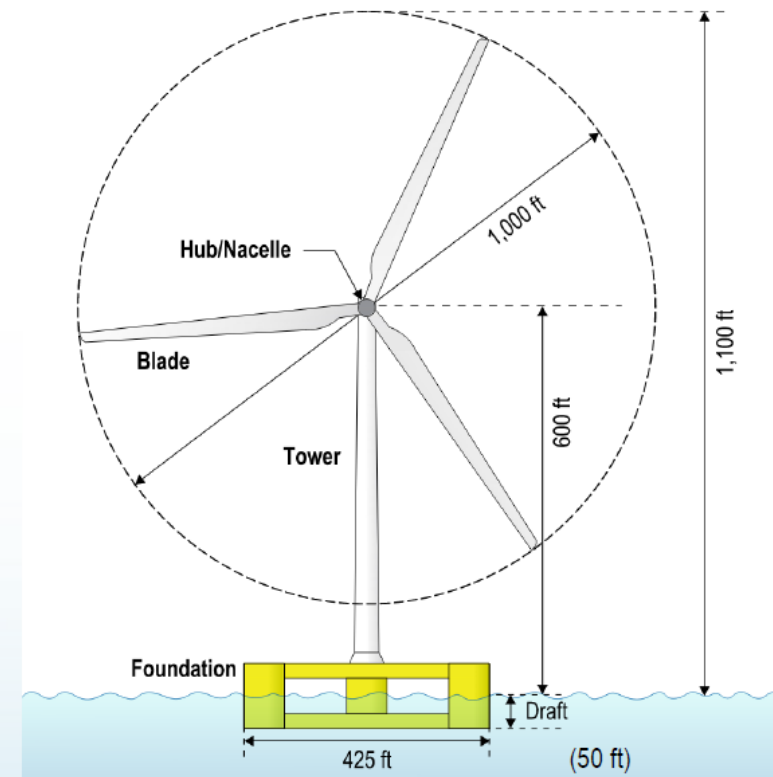
# Ports for Floating Offshore Wind

Port development needed to support larger and heavier components, and larger vessels



Source: Principle Power

Representative Floating Offshore Wind Turbine Dimensions



Source: Port Plan. 2023



# POPD Snapshot

- **Current Appropriation/Funding:**<sup>1</sup> \$225.719 million
  - Unawarded (POPD): Approximately \$183 million
  - Awarded (Waterfront Facility Improvement Program): \$42.75 million
- **How funding will be awarded:** Competitive grant solicitation
- **Who is eligible to apply for grants:** California public ports
- **What can be funded:**<sup>2</sup> Support activities related to developing offshore wind generation:
  - Construction for manufacturing, assembly, staging, and integration.
  - Expansion and improvement to accommodate vessels.
  - Upgrades to port facilities.

<sup>1</sup> AB 105 (2025): [https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202520260AB105](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202520260AB105)

<sup>2</sup> SB 867 (2024): [https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=202320240SB867](https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=202320240SB867)



# POPD Requirements

- SB 867 (2024)
  - Consistent with AB 525 Offshore Wind Strategic Plan
  - Prioritize projects with matching funds or Staging & Integration ports with a CEQA notice of preparation (as of Feb. 29, 2024)
  - 40% of Prop 4 funds are for meaningful & direct benefits to vulnerable populations or disadvantaged communities<sup>1, 2, 3</sup>
- SB 105 (2025): Funding dates: Encumber by June 30, 2028 and liquidate by June 30, 2030
- CEC must make environmental findings, relying on CEQA determinations

<sup>1</sup> Climate Bond Meaningful and Direct Benefits Assessment Guide:

<https://bondaccountability.resources.ca.gov/docs/Prop4BenefitsAssessment.pdf>

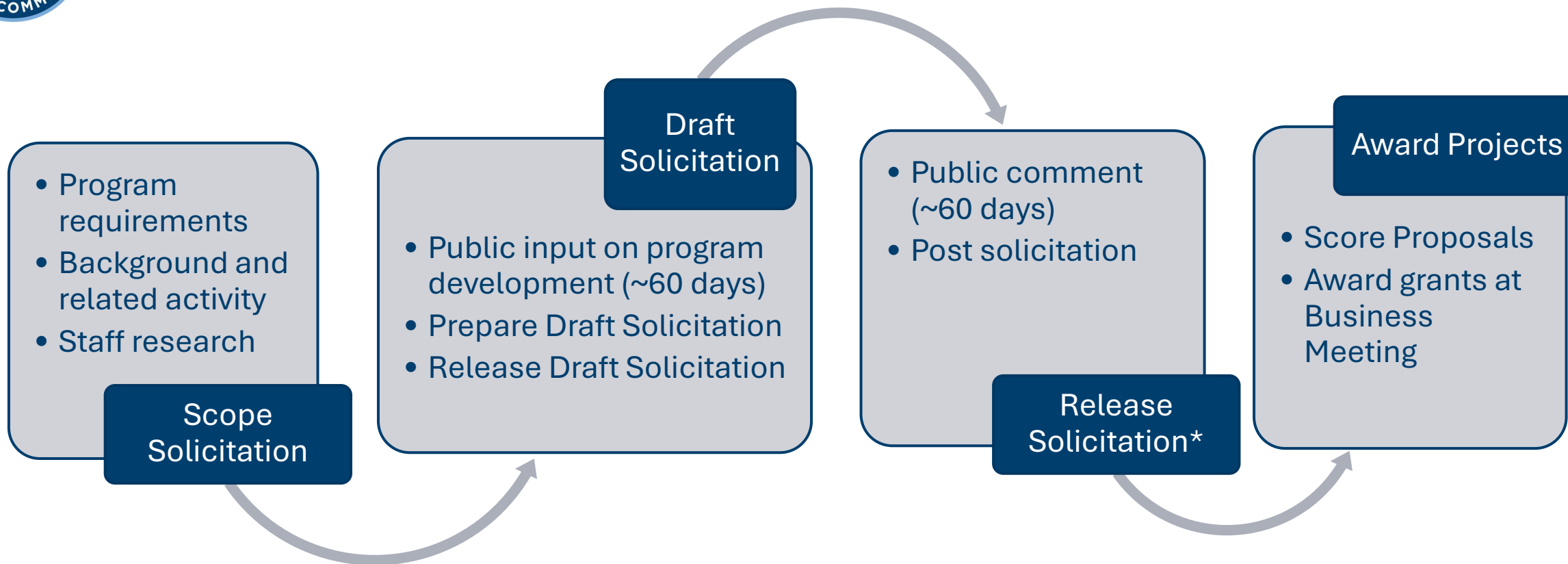
<sup>2</sup> Guidance on how to use the Vulnerable Communities Platform for the Climate Bond:

<https://storymaps.arcgis.com/stories/155ac51794bc49ea85d3c1697ed3007a>

<sup>3</sup> Climate Bond DAC/SDAC Map: <https://experience.arcgis.com/experience/aa723fdf521a44c9a428f1a46cd38a09>



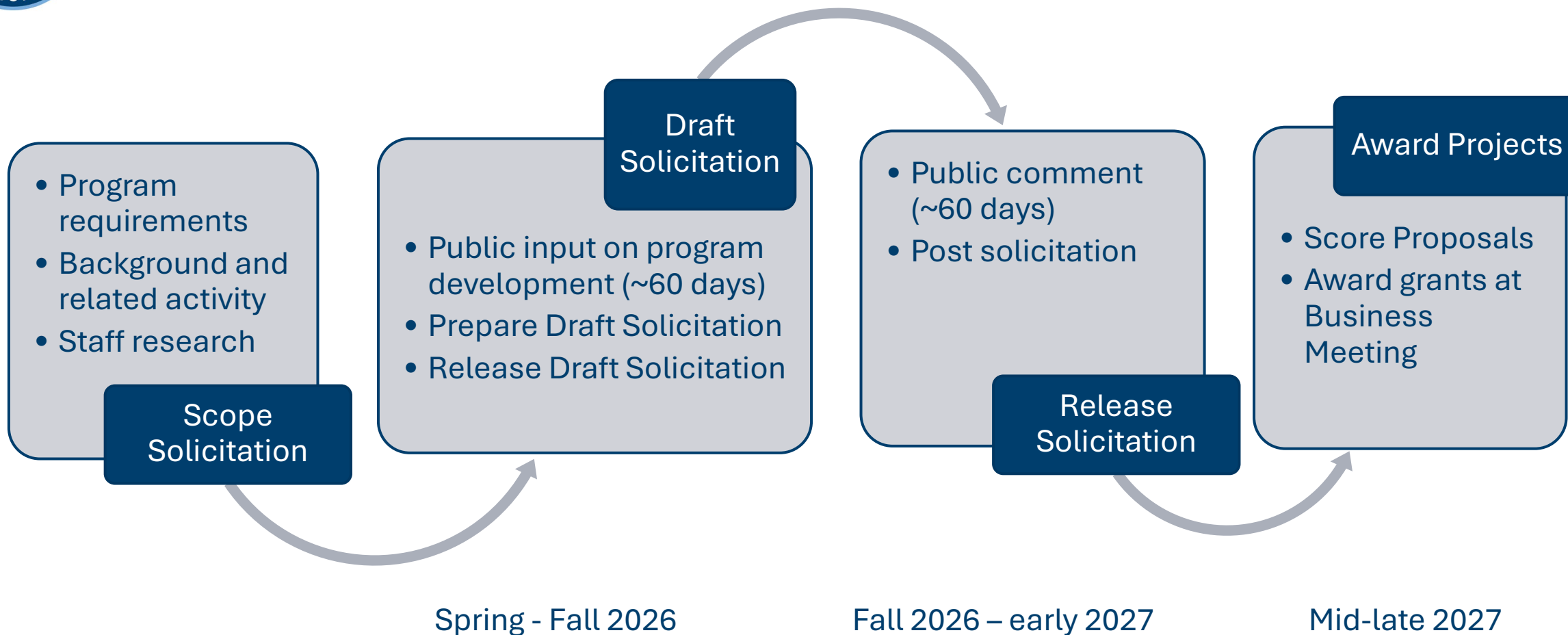
# POPD Solicitation Process



\*AB 107 (section 36) is effective and provides the Prop 4 programs with an exemption to the Administrative Procedures Act (APA)  
[https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill\\_id=202520260AB107](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=202520260AB107)



# POPD Solicitation Process with estimate timeframe





# Scoping: Background & Related Activity

- AB 525 Offshore Wind Strategic Plan
  - Adopted in 2024
- AB 3 Report 1: Second-Phase Plan for Seaport Readiness
  - Due Dec. 31, 2026
- Waterfront Facility Improvement Program (AB 209 (2022))
  - Solicitation released 2024
  - \$42.75 million in awards made October 2025
    - Appropriated from SB 105 (subset of the \$225.719 million total)
  - Agreements beginning in 2026

# **Background on Offshore Wind Seaports**

**Lizzie Barminski, Program Specialist**





# Types of Offshore Wind Ports

## Assembly Bill 525 Reports

- Staging and Integration (S&I) site: receive, stage, and store offshore wind components to assemble prior to towing offshore
- Manufacturing/Fabrication site: receive raw material via road, rail, or waterborne transport and create larger components in the offshore wind supply chain
- Operation and Maintenance (O&M) site: host warehouses, offices, spare part storage, vessels, etc.



**Staging and Integration (Rendering of Pier Wind)** Source: Port of Long Beach



**Manufacturing Port (Foundations Shown)** Source: Port of San Francisco



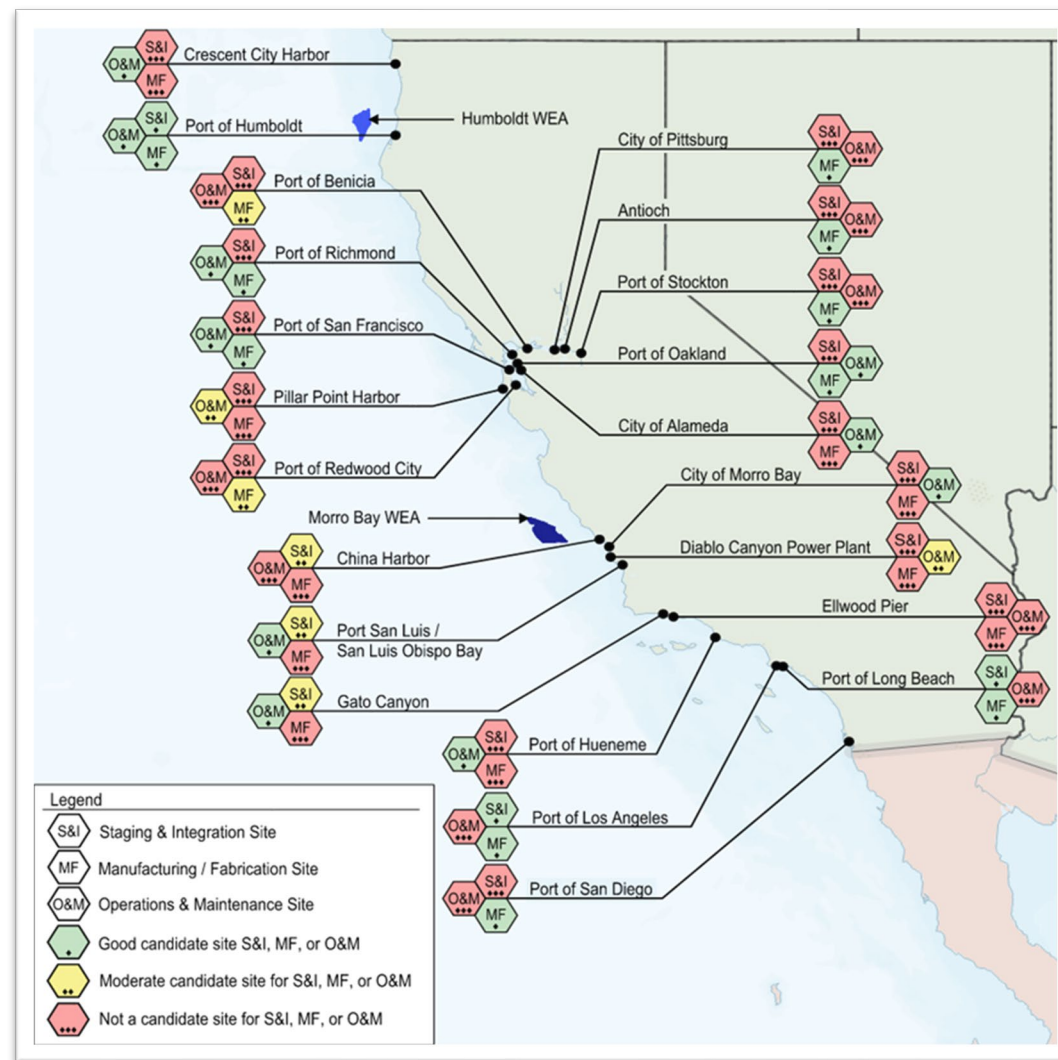
**Operations & Maintenance** Source: Reach & Mott MacDonald



# Key Takeaways on Seaports

## Assembly Bill 525 Reports

- Multi-port strategy
- Prioritize staging and integration ports
- Fund early-stage planning and construction
- Local content is a driver for ports
- Port specific environmental information is needed
- Plan for marine operations and offshore wind challenges



Source: Port Plan, 2023



# Assembly Bill 3

## Purpose and Report 1 Timeline

Assembly Bill 3 requires the California Energy Commission (CEC) to author and submit two reports to the Governor and the Legislature.

- Report 1: Offshore Wind Seaport Readiness Plan
- Report 2: In-State Assembly, Supply Chain, and Workforce Feasibility Study

### *Report 1 Public Comments*

- AB 3 Scoping Workshop (June 18, 2025)
- Seaport Readiness Workshop (November 13-14, 2025)
- Public Workshop(s) on Draft Report 1
- Publish Final Report 1 by deadline of December 31, 2026
- More information and public comments on the [Assembly Bill 3 webpage](https://www.energy.ca.gov/data-reports/reports/assembly-bill-3-california-offshore-wind-advancement-act) available at <https://www.energy.ca.gov/data-reports/reports/assembly-bill-3-california-offshore-wind-advancement-act>



# Key Themes from AB 3 Public Process

## Workshops and public comment letters

1. Port readiness should include both port infrastructure and community-serving capacity strategies.
2. Design zero-emission ports.
3. Equity, tribal rights, and shared decision-making must be embedded in projects.
4. Build in phases and stay flexible to account for changes in technology and the offshore wind market.
5. Use baselines / cumulative-impact monitoring and best practices.
6. Vessels, maritime safety, co-use, and supply-chain localization is important to operation feasibility.

# Overview of Related Activity

Reid Boggiano, Program Specialist





# Waterfront Facilities Improvement Program (WFIP)

## GFO-24-701 Solicitation Overview

- Purpose: Support planning and preconstruction work at California ports and waterfront facilities to advance offshore wind readiness
  - Category I: Developing individual or regional retrofit concepts and investment plans
  - Category II: Design, engineering, environmental studies and retrofits



# WFIP Project Activities: Category I & II

- **Project cost estimate:** Planning-level estimate of the final project
- **Technical and environmental studies:** Engineering, feasibility, and environmental studies to support project planning
- **Engagement strategies:** Community engagement + tribal government consultation/engagement strategies
- **Emissions planning:** Emissions reduction strategy and net zero feasibility analysis
- **Workforce planning:** Strategy for workforce pathways (including underserved communities) and economic development opportunities
- **Alignment with AB 3:** How the project contributes to the AB 3 objectives



# WFIP Project Activities: Category II

## Community and Tribal Benefits Planning

- Engagement plan to develop actionable steps towards community and tribal benefits
- Solicitation allows up to 3% of funds for community/CBO capacity building and 3% for tribal/tribal organization capacity building



# WFIP Application Requirements

1. Full Application Form
2. Executive Summary Form
3. Project Narrative Form
4. Project Team Form
5. Project Schedule
6. Proposal Budget
7. CEQA Compliance Form
8. Scope of Work Template
9. Past Projects Information Form
10. Commitment and Support Letters Form (requires signature)
11. Project Performance Metrics
12. Applicant Declaration (requires signature)
13. References for Calculating Energy End-Use and GHG Emissions (as applicable)



# Scoring Criteria for Awarding WFIP Funding

| Scoring Criteria                                    | Maximum Points |
|---|----------------|
| 1. Technical Merit                                  | 15             |
| 2. Technical Approach                               | 20             |
| 3. Impacts and Benefits for CA                      | 25             |
| 4. Team Qualifications, Capabilities, and Resources | 15             |
| 5. Budget and Cost-Effectiveness                    | 10             |
| 6. CEC Funds Spent in California                    | 10             |
| 7. Ratio of Direct Labor Costs to Indirect Costs    | 5              |
| <b>Total</b>  | <b>100</b>     |
| <b>Minimum Points to Pass</b>                       | <b>70</b>      |
| 8. Match Funds                                      | 5              |
| 9. Cost Share for Federal Award                     | 5              |
| <b>Total Bonus Points</b>                           | <b>10</b>      |



# WFIP Solicitation Results

- Requested funds: over \$73 million
- Awarded projects: \$42.75 million (CEC funds) with over \$11 million in matching funds
- More information: [NOPA award results](#) and [WFIP program webpage](#)

## Category I - Planning and Feasibility

### Awardees

- Port Department of the City of Oakland (\$750,000)
- Port of Richmond (\$750,000)
- Port San Luis Harbor District (\$3 million)

**Not Awarded:** Over \$11.5 million

## Category II - Advanced Planning and Design

### Awardees

- City of Long Beach Harbor Department (\$20 million)
- Humboldt Harbor District (\$18.25 million)

**Not Awarded:** Over \$18.5 million



# Benefits to Californians

- **Preparing for port and coastal infrastructure upgrades**

- Funds preconstruction planning, engineering, and environmental studies to reduce risk and inform permitting.

- **Supports California's transition to clean energy**

- Requires emissions reduction planning and net-zero feasibility analysis.

- **Creates jobs and workforce pathways**

- Requires applicants to develop strategies for how the project will support and create good jobs, workforce development pathways (including for underserved communities), and economic development opportunities.

- **Funds community + tribal engagement and advances community/tribal benefits**

- Requires community engagement and tribal consultation strategies with reporting; Category II emphasizes capacity support for local community/CBO (3%) and for tribes/tribal organizations (3%).

# **Solicitation Development and Next Steps**

**Daphne Molin, Program Specialist**





# POPD Solicitation Considerations

1. Project eligibility: What type of activity should be funded?
2. Application requirements: What does a quality application look like?
3. Proposal review: How do we balance evaluation criteria?



# Early Considerations: Eligible Activity

## Port Readiness & Activities

### 1. Feasibility

- Business case development
- Technical feasibility studies
- Environmental data collection

### 2. Preliminary Planning

- Scope development
- Advance business case
- Preliminary engineering
- Environmental Assessment

### 3. Detailed Planning

- Funding strategy
- Detailed engineering
- Prepare & complete permitting
- Construction planning

### 4. Construction

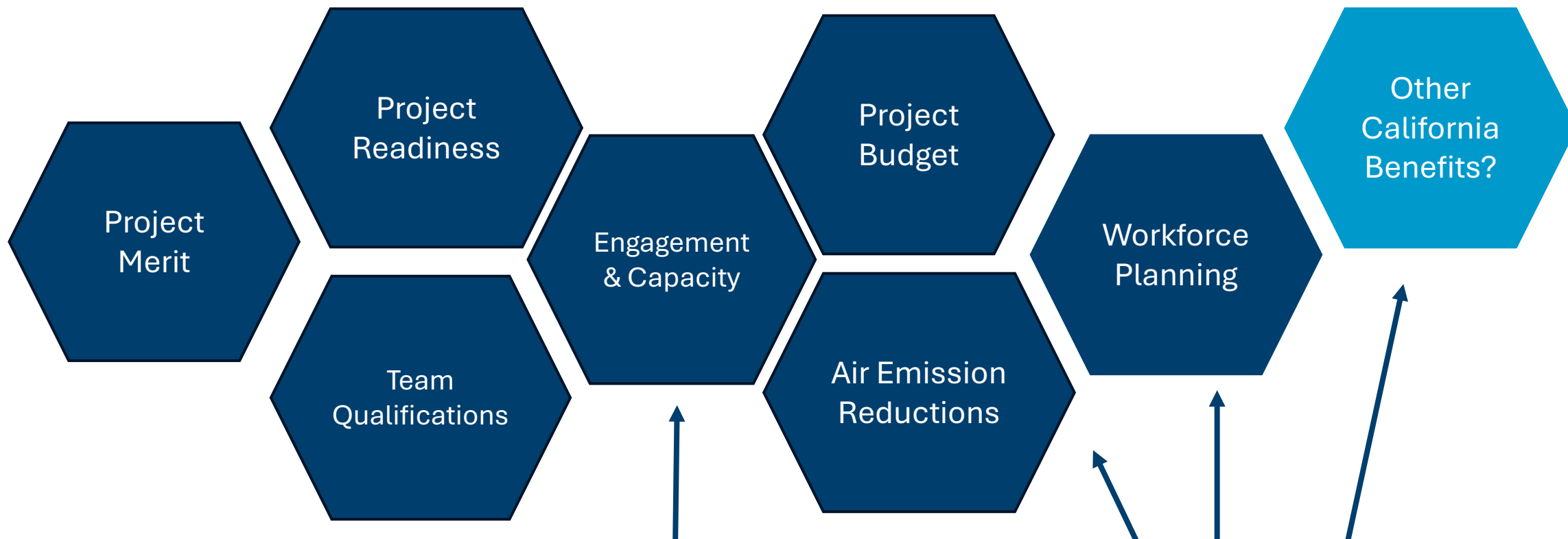
- Site preparation
- Construction

*Ineligible:  
environmental mitigation or compliance obligations*

Coordination and Engagement



# Early Considerations: Application Evaluation Criteria

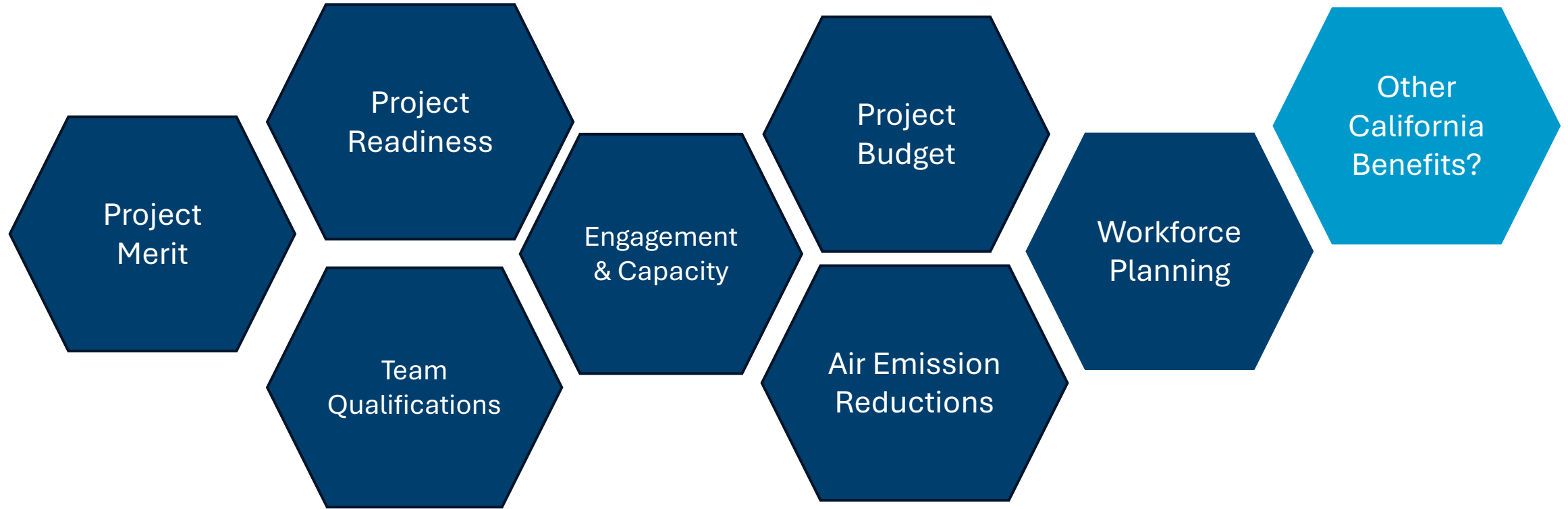


Leverage approaches in Waterfront Facilities Improvement Program:

- Engagement and capacity building
- Zero-emission port advancement
- Workforce development



# Early Considerations: Application Evaluation Criteria



Applications are evaluated and scored based on responses to the solicitation. Each criterion typically represents 5-25% of the total application score.



# Award Granting Process

- Application submittal
  - Applications include proposed project, scope of work, schedule, budget, CEQA worksheet, etc.
- Proposal review
  - CEC scoring team evaluates and scores each application
  - Scores and recommended awards are announced
- Grant awards
  - CEC staff makes environmental findings and prepares grant agreement
  - Awards are presented and adopted at CEC Business Meeting



# Preliminary Staff Questions

1. How should POPD funding be allocated to ports?
  - a. Which activities and funding ranges are needed to advance port readiness?
  - b. How should CEC prioritize projects, as specified in the Climate Bond?
  - c. How can this funding be used to leverage additional investments?
  - d. Are there port activities or upgrades that complement offshore wind port development and are consistent with the Climate Bond?
2. How can POPD bring benefits to California?
  - a. What specific information should applicants provide to demonstrate benefits are meaningful, measurable, and achievable?
  - b. How can POPD benefit Tribes, Disadvantaged Communities, Vulnerable Populations, and communities near ports?
  - c. What types of engagement should ports conduct when planning for development?
3. What could impact the success of POPD projects?



# Ways to participate

- **Visit** <https://www.energy.ca.gov/programs-and-topics/programs/proposition-4-offshore-wind-port-development-program>
- **Subscribe to “Offshore Renewable Energy”:** <https://www.energy.ca.gov/subscriptions>
- **Submit written comments by 5:00 pm PDT on May 22, 2026**
  - Docket: <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=26-POPD-01>
  - Email to [docket@energy.ca.gov](mailto:docket@energy.ca.gov), include Docket No. 26-POPD-01



# Public Comments

## Zoom:

- Use the “raise hand” feature

## Telephone:

- Dial \*9 to raise your hand
- \*6 to mute/unmute your phone line. You may also use the mute feature on your phone.

## Zoom/phone participants, when called upon:

- Your microphone will be opened
- Unmute your line
- Spell your name for the record, begin comments

**Limited to 1 representative per organization.**

## 3-Minute Timer

**Thank you!**

