



Item 3: Assembly Bill 525 Offshore Wind Energy

June 26, 2024, Business Meeting

Elizabeth Huber
Director

Siting, Transmission, and Environmental Protection Division



Floating Offshore Wind Energy



Source: Principal Power



Source: Wind Systems



Source: Principal Power



Source: Wind Europe



Potential Benefits to Californians



DEVELOPING COST-EFFECTIVE TECHNOLOGIES



SUPPORTING SUPPLY CHAIN DEVELOPMENT



SCALING UP DOMESTIC MANUFACTURING



DESIGNING TRANSMISSION NETWORKS



PROMOTING ENERGY JUSTICE



FOSTERING ECONOMY-WIDE DECARBONIZATION

Source: U.S. Department of Energy



How It Works





AB 525 Statutory Requirements



Identify **suitable sea space** to accommodate the 2045 offshore wind planning goal.



Develop plan for **port infrastructure** and identify **workforce development** needs.



Assess and plan for **transmission** infrastructure needs to meet offshore wind goals.



Establish a coordinated and efficient **permitting process**.



Identify **potential impacts and strategies** to address them.



Alignment with Interagency Partners



CALIFORNIA
NATURAL
RESOURCES
AGENCY



CALIFORNIA
COASTAL
COMMISSION





Outreach and Public Process

Tribal Consultations

Tribal Roundtables

**Tribal Listening
Sessions**

**Tribal biweekly working
group meetings**



Outreach and Public Process Con't





AB 525 Strategic Plan Volumes



CALIFORNIA
ENERGY COMMISSION



California Energy Commission

FINAL COMMISSION REPORT

Assembly Bill 525 Offshore Wind Energy Strategic Plan

Volume 1: Overview Report

Gavin Newsom, Governor
June 2024 | CEC-700-2023-009-V1-F



CALIFORNIA
ENERGY COMMISSION



California Energy Commission

FINAL COMMISSION REPORT

Assembly Bill 525 Offshore Wind Energy Strategic Plan

Volume II: Main Report

Gavin Newsom, Governor
June 2024 | CEC-700-2023-009-V2-F



CALIFORNIA
ENERGY COMMISSION



California Energy Commission

FINAL COMMISSION REPORT

Assembly Bill 525 Offshore Wind Energy Strategic Plan

Volume III: Appendices

Gavin Newsom, Governor
June 2024 | CEC-700-2023-009-V3-AP



Comments and Feedback

Recommendations and Community Benefits

- Expand details prioritizing underserved communities, fisheries, and tribal governments

Research Gaps

- Need for more science and data and utilizing tribal Traditional Ecological Knowledge

Workforce Development Needs

- Emphasize importance of supply chain in-state, training programs, and prioritizing of local workforce

Port Infrastructure Concerns

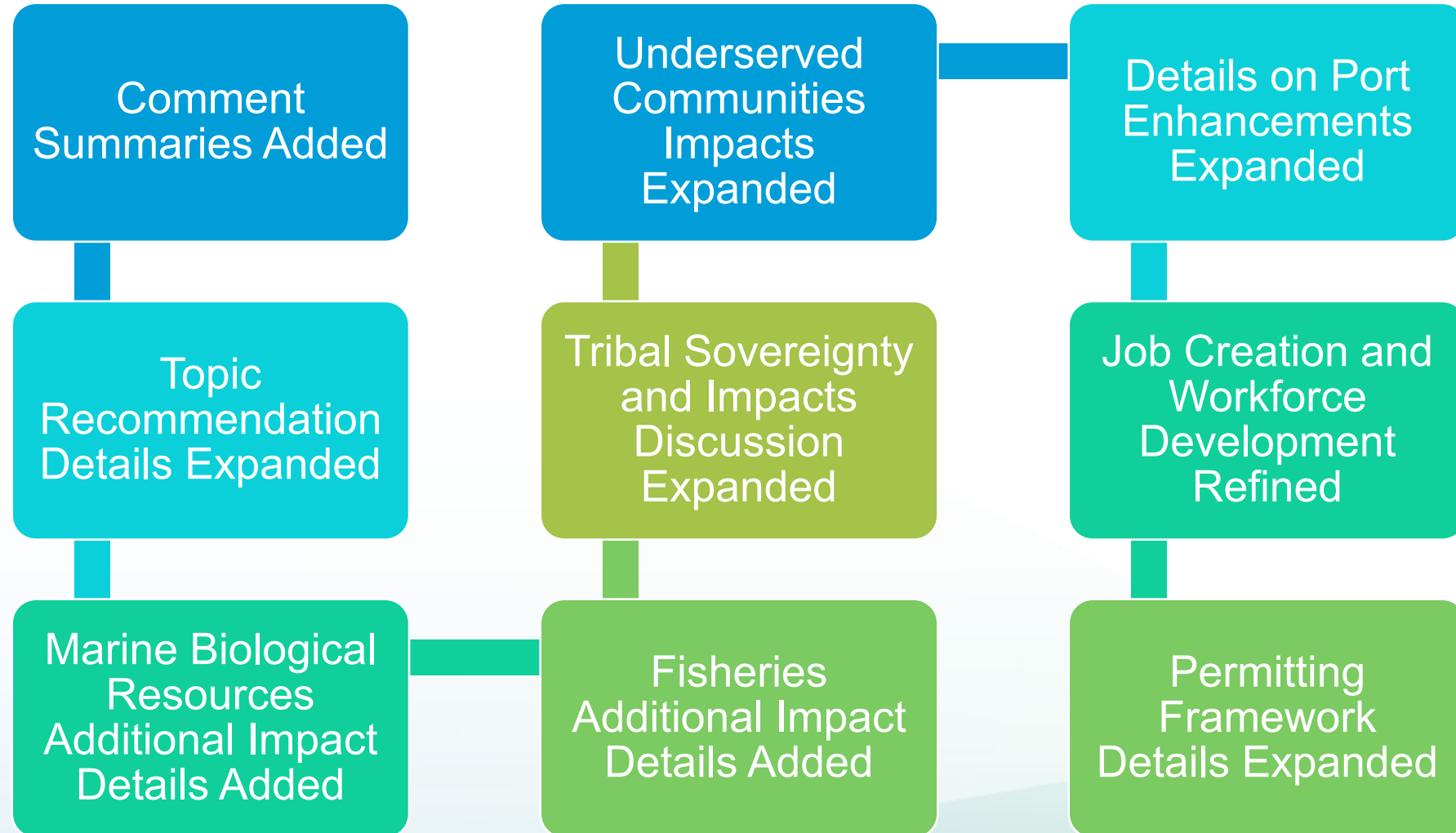
- Potential unknown impacts from expansion, manufacturing, and timing of project development and deployment

Permitting and Transmission Planning

- Specificity for a coordinated framework of responsibilities, timelines, and milestones



Changes in Final Strategic Plan





Strategic Plan Recommendations

Mitigation
Strategies to
Address
Impacts

- Tribal
- Fisheries
- Marine and Coastal Resources
- Department of Defense
- Underserved and Environmental Justice Communities

Comprehensive
Coordinated
Framework

- Permitting
- Transmission Planning and Technology Development

Training and
Apprenticeship
Programs

- Local Workforce Development
- Community Colleges and University Curriculum



Recognition and Thank You

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Staff Recommendation

Adopt the Assembly Bill 525 Offshore Wind Energy Strategic Plan:

- Volume I: Overview Report
- Volume II: Main Report
- Volume III: Appendices