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Item 4: Assembly Bill 525 Offshore Wind Energy Strategic Plan

July 10, 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



Deployment of Offshore Wind Energy





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



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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



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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



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

Environmental and Justice Organizations

Coastal and Underserved Communities

Fisheries

Industry

Labor Groups



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

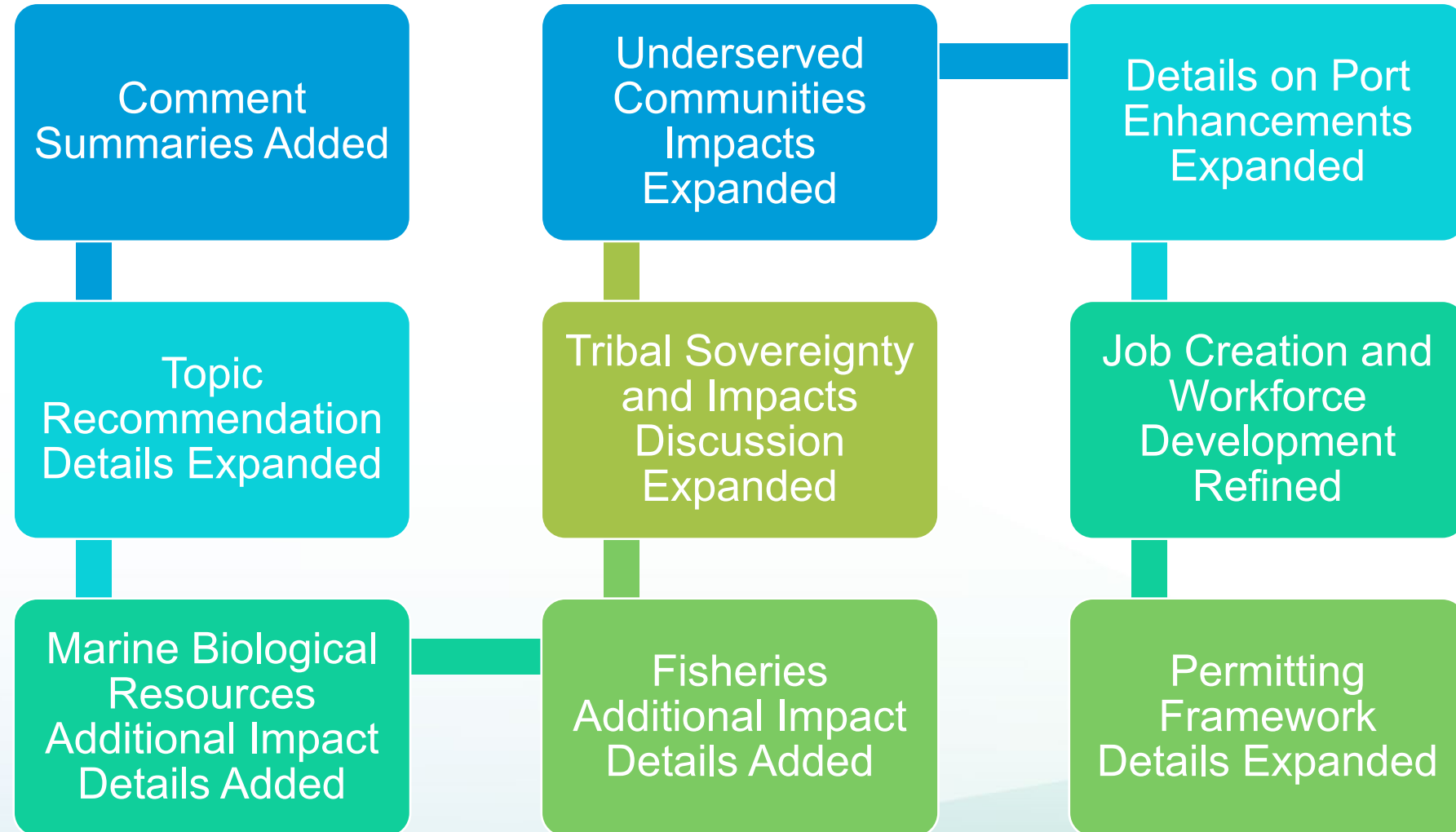
- Potential unknown impacts from expansion, manufacturing, and timing of project development and deployment

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
- Ports Infrastructure Expansion
- Transmission Planning and Technology Development

Training and Apprenticeship Programs

- Local Workforce Development
- Community Colleges and University Curriculum



Staff Recommendation

Adopt the Assembly Bill 525 Offshore Wind Energy Strategic Plan:

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