

Federal Marine Spatial Planning: West Coast Update

Hosted by
Val Stori, Project Director, Clean Energy Group

February 2, 2017



Housekeeping



All participants are in “Listen-Only” mode. Select “Use Mic & Speakers” to avoid toll charges and use your computer’s VOIP capabilities. Or select “Use Telephone” and enter your PIN onto your phone key pad.

Submit your questions at any time by typing in the Question Box and hitting Send.

This webinar is being recorded.

You will find a recording of this webinar, along with Clean Energy Group's previous offshore wind webinars, online at:

www.cleanegroup.org/ceg-projects/offshore-wind-accelerator-project/webinars

Offshore Wind Accelerator Project

The **Offshore Wind Accelerator Project** (OWAP) is managed by Clean Energy Group and the Clean Energy States Alliance (CESA).



OWAP has two main focuses:

- 1) Work with states to help them in their efforts to advance offshore wind
- 2) Engage in broad-ranging communication efforts about offshore wind news and developments

Visit our website to read more about OWAP, watch past webinars, and sign up for our e-newsletter:

www.cleanegroup.org/ceg-projects/offshore-wind-accelerator-project

Connect with OWAP on social media:

facebook.com/offshorewindworks

@OSWindWorks on Twitter





The **Northeast Wind Resource Center** (NWRC) provides salient information on land-based and offshore wind energy in the Northeastern United States. Published research, studies, and analyses associated with the issues impacting public acceptance of wind deployment are available in the NWRC Resource Library.

www.northeastwindcenter.org



Panelists

- **Jason Busch**, Executive Director, Pacific Ocean Energy Trust
- **Andy Lanier**, Marine Affairs Coordinator, Oregon Department of Land Conservation and Development
- **Jennifer Hennessey**, Senior Ocean Planner, Shorelands & Environmental Assistance Program, Washington State Department of Ecology
- **John Hansen**, Coordinator, West Coast Regional Planning Body

Moderator: Val Stori, Project Director, Clean Energy Group



National Ocean Policy



The National Ocean Policy, established by Executive Order 13547 on July 19th, 2010, strives to implement the vision statement:

"An America whose stewardship ensures that the ocean, our coasts, and

Mid-Atlantic Regional Ocean Action Plan Certified by the NOC

Posted on Dec 8, 2016



Website for the Northeast Regional Planning Body

**ACTION
PLAN**

Webinar - Northeast Ocean Planning and Offshore Wind:

www.cleanenergygroup.org/webinar/northeast-ocean-planning-offshore-wind

England; the strength of the plan is a direct result of dedicated people.





Marine Spatial Planning in Oregon

Andy Lanier

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Marine Affairs Coordinator

Oregon Coastal Management Program

Dept. of Land Conservation and Development

Clean Energy Group/POET Webinar
Feb 2nd, 2017

Oregon's Ocean Management Framework

Policy framework:

Statewide Planning Goal 19, Ocean Resources (1977, 2000)

Ocean Resources Management Plan (1990)

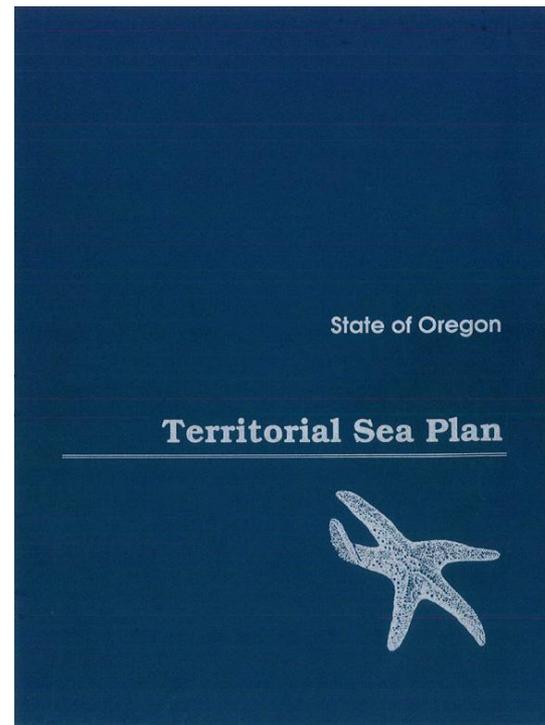
Oregon Ocean Resources Management Act, (1991)

Oregon Territorial Sea Plan (1994, 2001, 2009, 2013)

Policy Process:

The Ocean Policy Advisory Council is Oregon's official stakeholder advisory body.

Assistance is provided by the Scientific and Technical Advisory Committee (STAC)





Oregon Territorial Sea Plan Part One: Ocean Management Goals

The overall ocean management goal of the State of Oregon is to: Conserve the long-term values, benefits, and natural resources of the nearshore ocean and the continental shelf.

To achieve this goal, the State of Oregon will:

- give **higher priority to the protection of renewable marine resources** than to the development of non-renewable ocean resources;
- support development of ocean resources that is **environmentally sound and economically beneficial** to coastal communities and the state;
- protect the **diversity of marine life**, the **functions** of the marine ecosystem, the diversity of marine and estuarine habitats, and the overall **health of the marine environment**; and
- seek the conservation of ocean resources within the larger marine region that is of **ecologic and economic interest** to the State of Oregon.

PART FIVE PLAN MAP AREAS

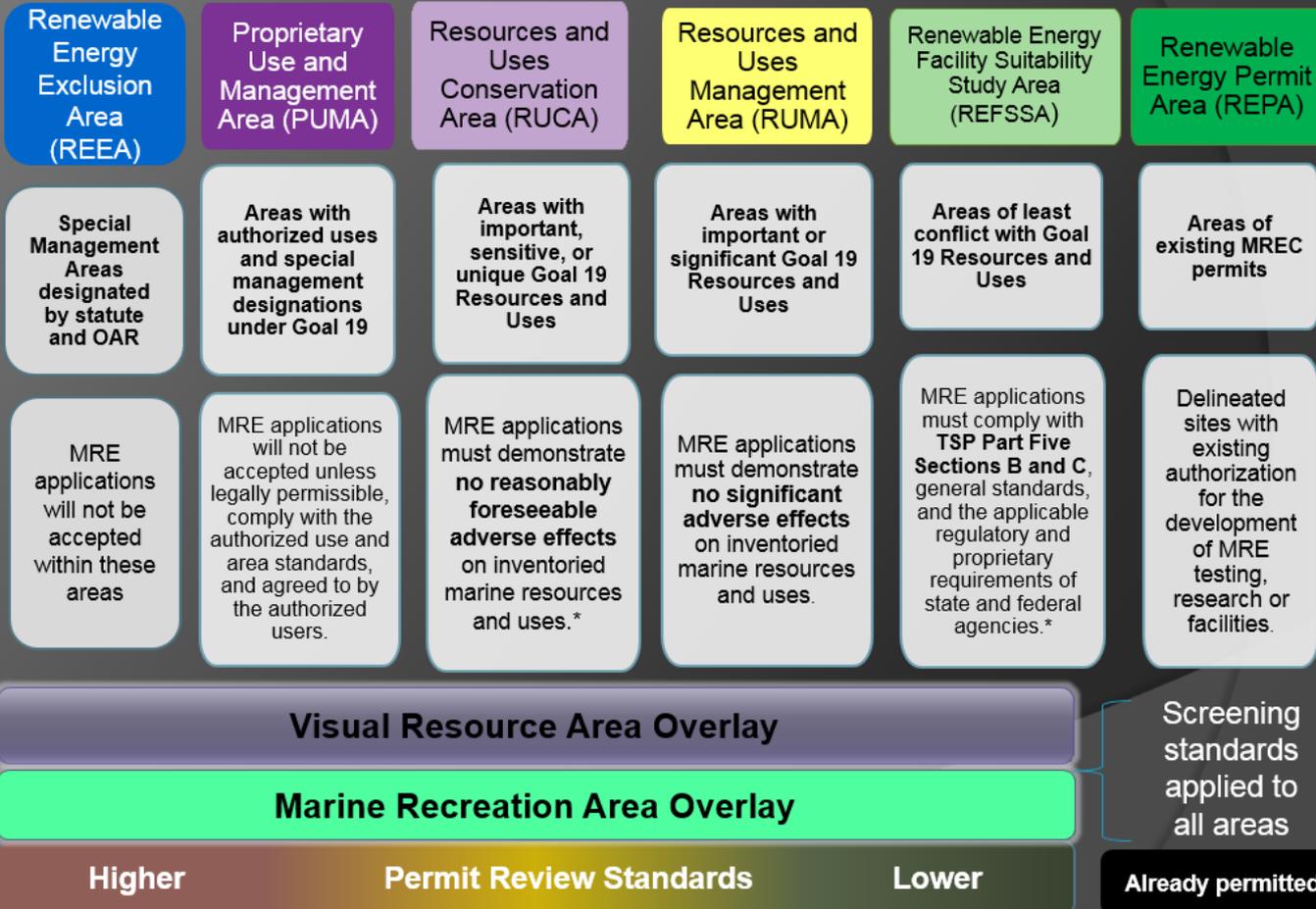


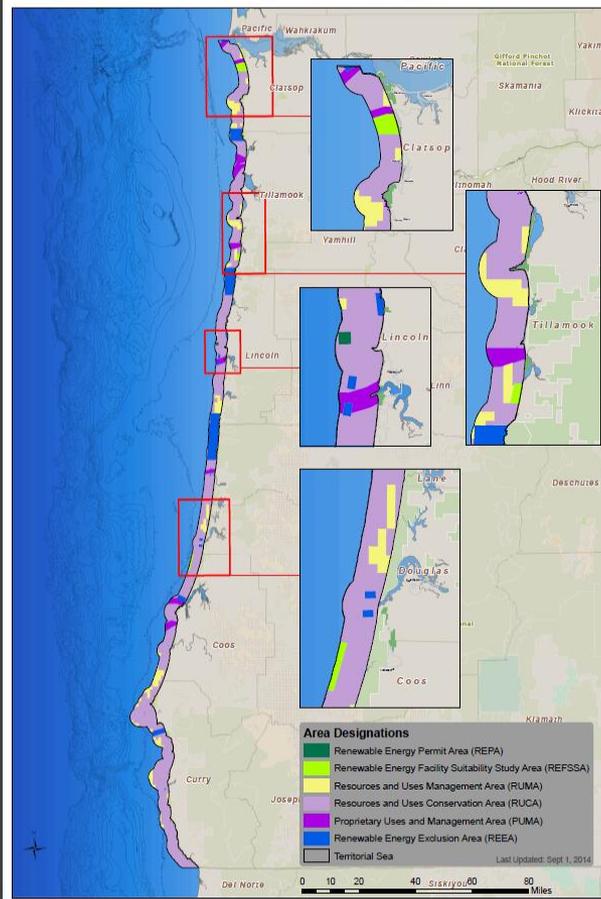
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PART FIVE: USES OF THE TERRITORIAL SEA FOR THE DEVELOPMENT OF RENEWABLE ENERGY FACILITIES OR OTHER RELATED STRUCTURES, EQUIPMENT OR FACILITIES

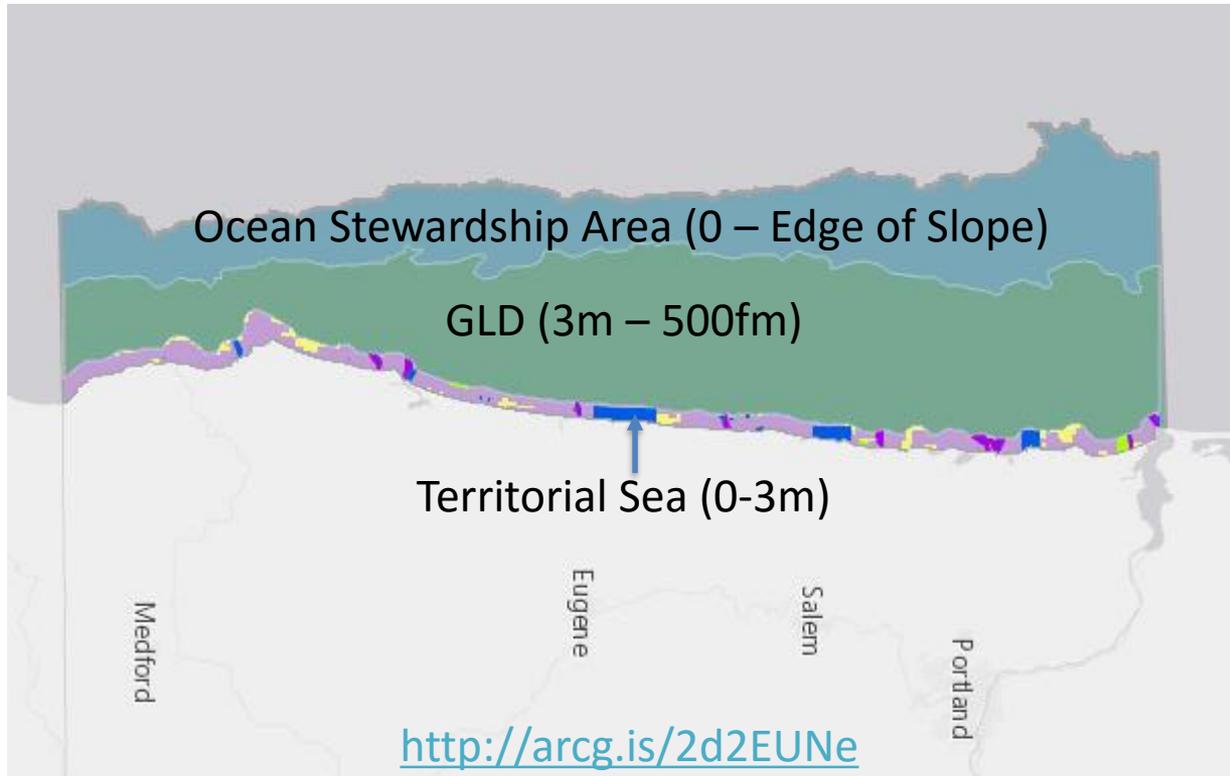
- A. RENEWABLE ENERGY FACILITIES DEVELOPMENT
 - 1. Background
 - 2. Policies
 - B. IMPLEMENTATION REQUIREMENTS
 - 1. Siting Areas Designated for Renewable Energy Facilities Development
 - 2. State Agency Review Process
 - 3. JART Project Review Process and Coordination
 - 4. Resource Inventory and Effects Evaluation Standards
 - C. APPLICATION REQUIREMENTS
 - 1. Pre-Application
 - 2. Financial Capacity
 - 3. Application Fee
 - D. OPERATION PLAN DEVELOPMENT
 - 1. Phased Development Plan
 - 2. Facility Development Plan
 - 3. Project Operation Plan
 - 4. Decommissioning Plan
 - 5. Financial Assurance Plan
 - E. NORTHWEST NATIONAL MARINE RENEWABLE ENERGY CENTER
 - 1. The Mobile Ocean Test Berth Site
 - 2. Regulating Agency Authorizations for MOTB Site Use
 - F. PLAN REVIEW
- APPENDICIES TO PART FIVE:
- Appendix A: Definitions and Terms
 - Appendix B: Map Designations
 - Appendix C: Enforceable Policies

http://www.oregon.gov/LCD/OCMP/Pages/Ocean_TSP.aspx

Territorial Sea Plan Part Five Appendix B - Plan Map



Oregon Ocean Planning Areas



What's in the GLD?

- Part I Geographic Location Description 3
 - Part I A Delineation of the GLD Boundary 3
 - Part I B Description of Marine Renewable Energy Technologies 4
- Figure 1 GLD Description Boundary Map (Figure 1) 6
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STATE OF OREGON GEOGRAPHIC LOCATION DESCRIPTION

Analysis of Reasonably Foreseeable Effects of Federal Actions Related to
Marine Renewable Energy Projects on Resources and Uses Occurring within
the Federal Waters of the Oregon Ocean Stewardship Area.



Oregon Department of Land Conservation and Development
Coastal Management Program

This document, pursuant to 15 C.F.R. § 930.53, describes a geographic area in federal waters where certain federal license or permit activities, under 15 C.F.R. Part 930, Subpart D, and Outer

What's next for Oregon?

- Participation in RPB and West Coast Ocean Partnership
 - Representation from : Oregon Coastal Management Program, Oregon Dept. of Fish and Wildlife Agencies
- Sub-regional RPB?
 - Interest from local governments, ocean stakeholders in participating
 - Ocean database of information gathered for TSP process can be used in regional coordination
 - Staff capacity and investment in process needs to be offset by benefits of the process

Marine Spatial Planning for Washington's Pacific Coast



Clean Energy States Alliance
February 2, 2017
Jennifer Hennessey
Washington State Dept. of Ecology

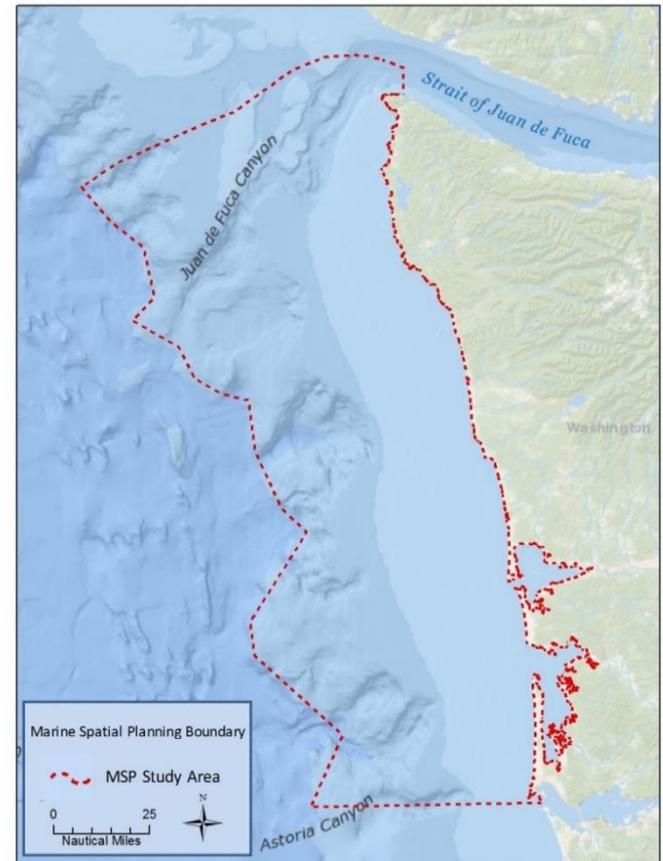
Marine Spatial Planning for Washington's Pacific Coast

Address potential new uses.

Plan goals/objectives:

- Protect existing uses
- Protect cultural uses/resources
- Preserve environment
- Integrate decision-making
- Provide new economic opportunities

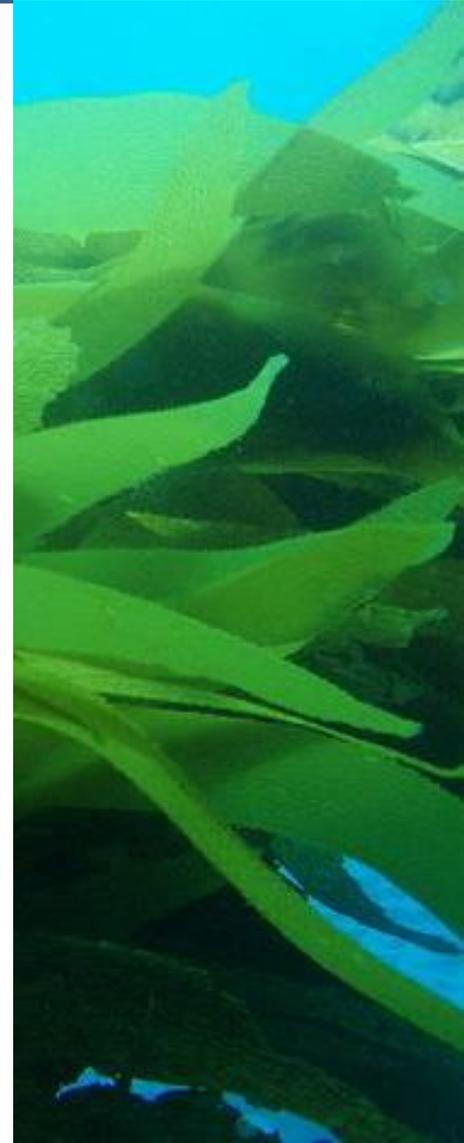
Non-Regulatory Plan



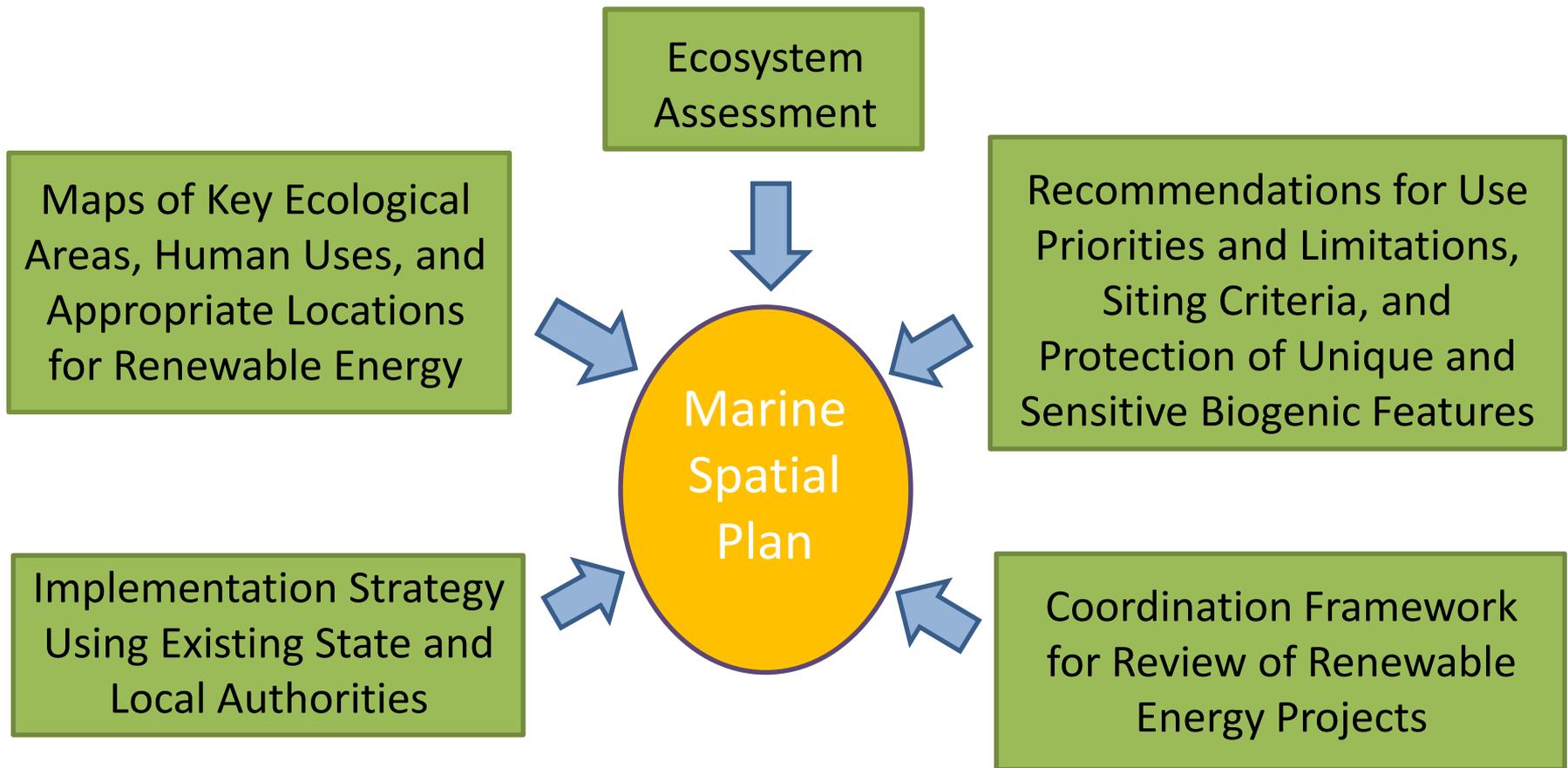
Study area is 700 fathoms offshore:
includes state and federal waters and
estuaries.

How will the plan help?

- Better baseline information
- Ecosystem indicators to assess changes
- Analyses to support decision-making
- Recommendations for new uses
- Implementation framework across agencies



Plan Requirements



RCW 43.372.040(6)

Plan Outline

Part 1

- Background and Purpose

Part 2

- Context Chapters (Current and Potential Uses)

Part 3

- Ecological & Use Analyses

Part 4

- Management Framework (Recommendations)

Part 5

- SEPA (separate document, likely)

Part 2: Better Baseline Information

- Socio-Economics
- Archaeological and Historic Resources
- Ecology
- Current Ocean Uses
- Potential New Uses

Includes context and maps

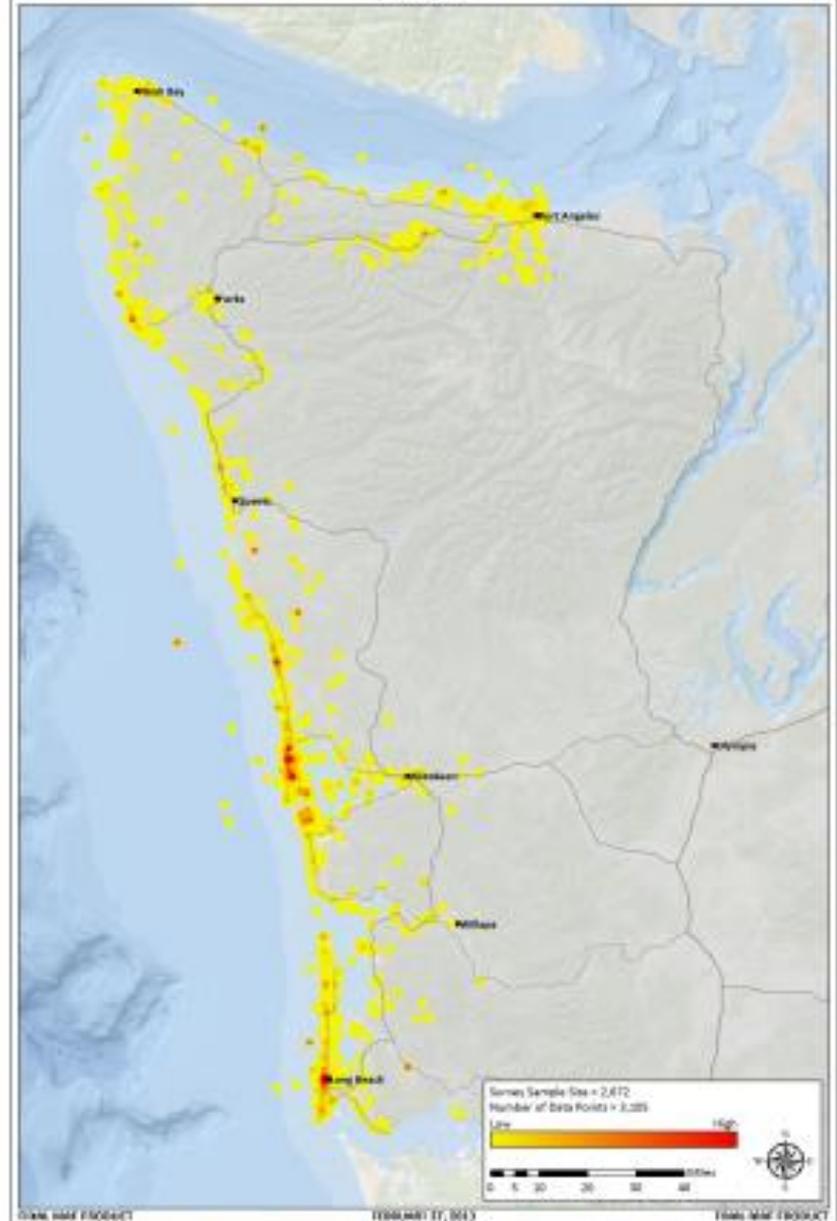


Washington Pacific Coast - Intensity of Coastal Recreation Use
All Activities



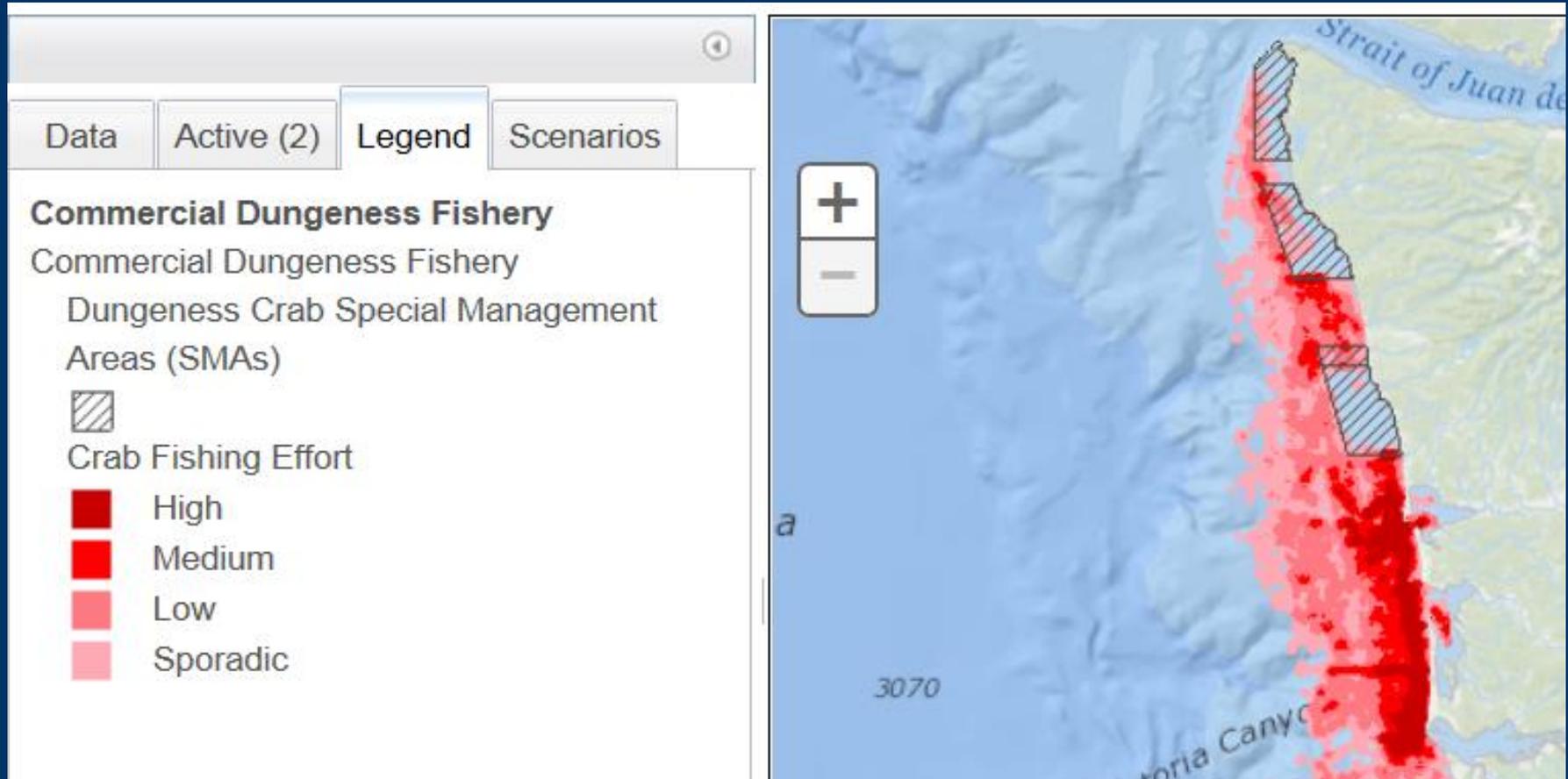
Map 1. Intensity of Use (person-trips) - all activities

Washington Pacific Coast - Intensity of Coastal Recreation Trip Expenditures
All Activities



Map 16. Intensity of trip expenditures - all activities

Commercial Fisheries: Dungeness Crab



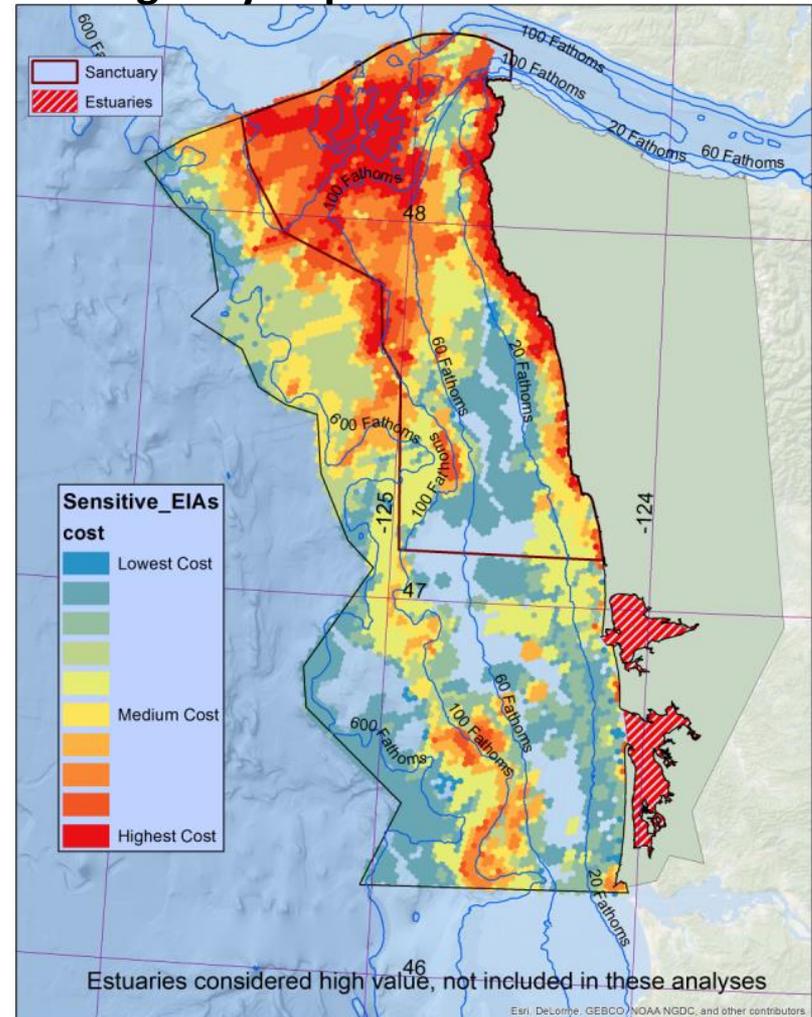
Part 3: Spatial Analyses

Included habitats, fish, seabirds, marine mammals, and habitats that are particularly sensitive.

Includes endangered or threatened species or overfished species (yelloweye rockfish)

Also have a map with EIA hotspots.
Looks at high importance across all data sets.

Ecologically Important Areas: Sensitive

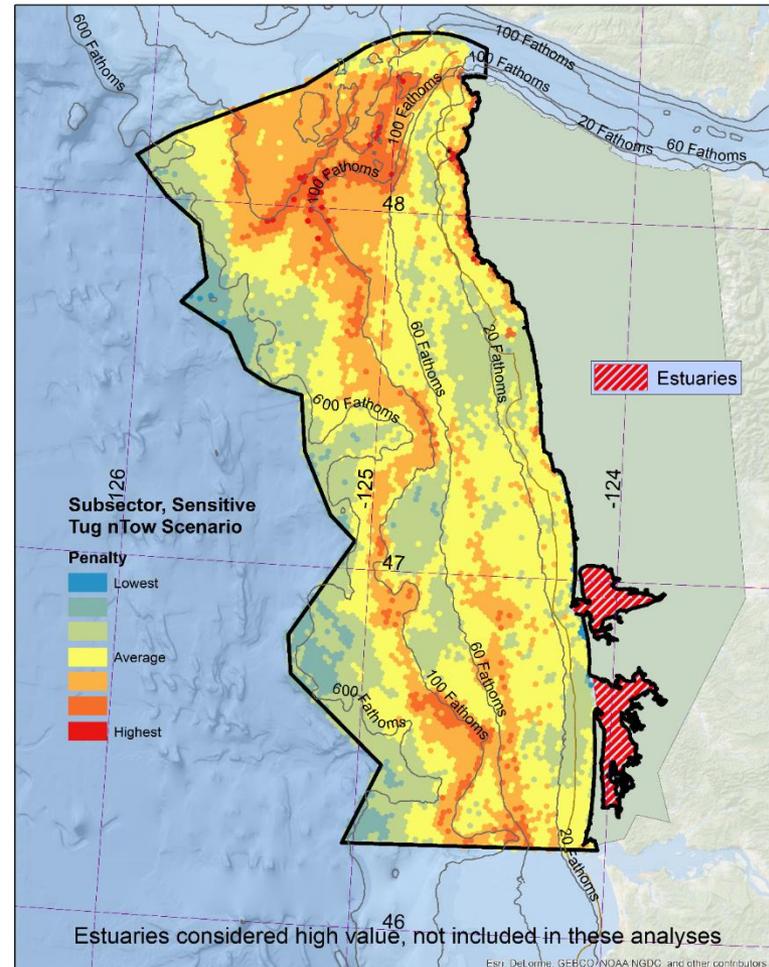


Use Analysis: Inputs

Existing Uses and Ecologically Important Areas Input Map

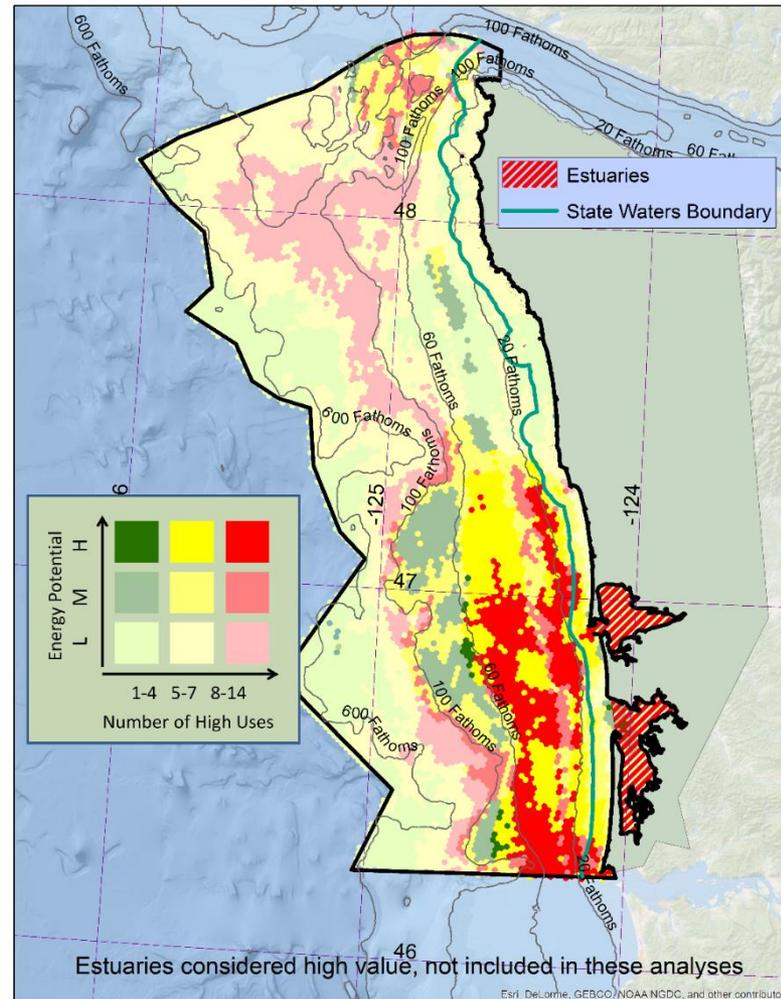
- Sensitive species, habitats, archaeological/historic sites
 - Crab adjusted for sandy-bottoms
- All other use sectors:
 - Fishing
 - Aquaculture
 - Ecologically Important Areas
 - Recreation
 - Transportation
 - Tug/Tow
- All values included (High, Medium and Low intensities)
- Weighted proportional to their intensity/use score

Existing Uses and Ecologically Important Areas: Penalty Input Map



Energy Potential (wind) and High Uses/Ecological Hotspots

Comparison of Wind Energy Potential and Existing High Uses/Ecological Hotspots



Plan Outline

Part 1

- Background and Purpose

Part 2

- Context Chapters (Current and Potential Uses)

Part 3

- Ecological & Use Analyses

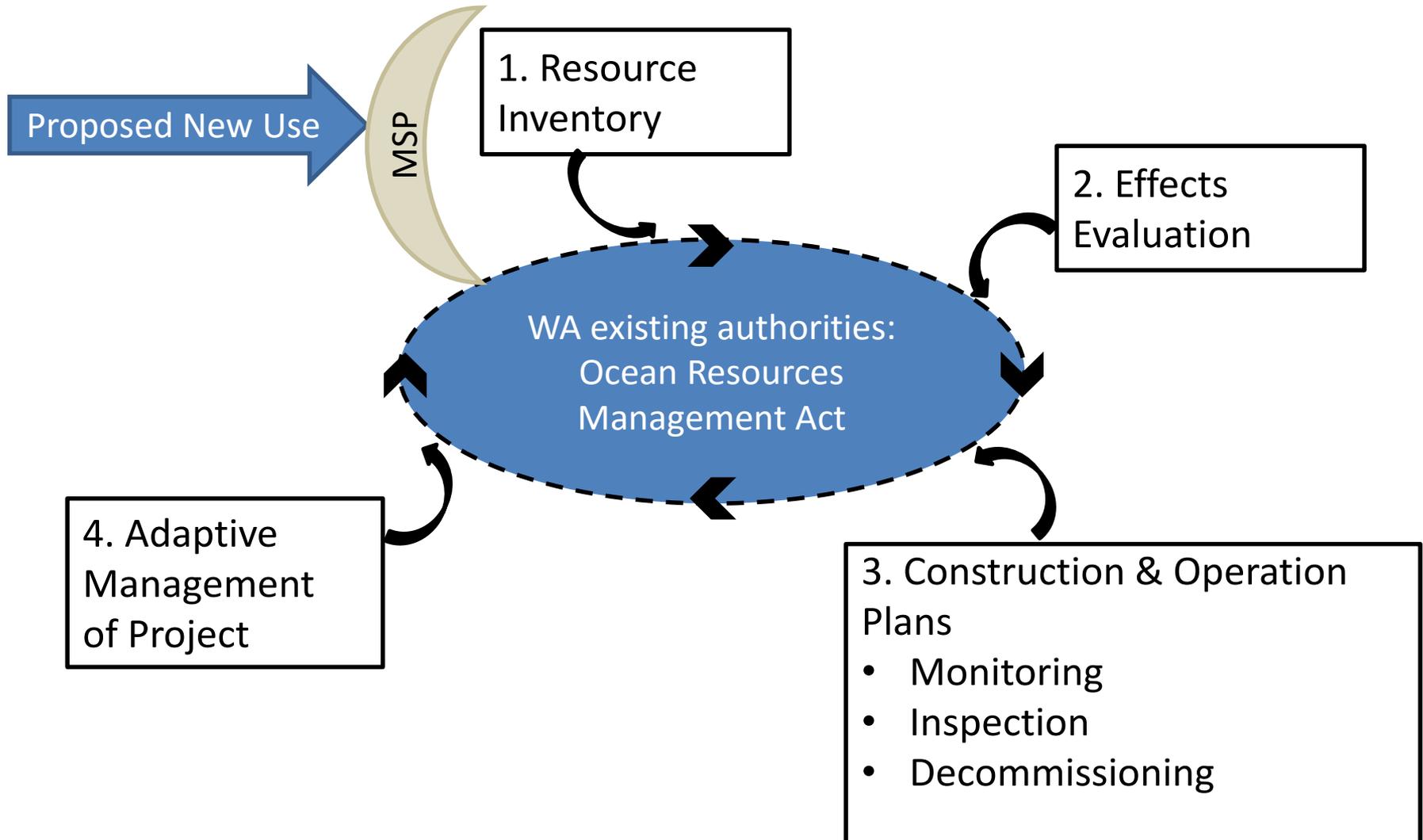
Part 4

- Management Framework (Recommendations)

Part 5

- SEPA (separate document, likely)

A Plan and A Process



Plan's outreach processes

Early coordination with:

- Agencies and tribes
- Affected fisheries
- Other coastal stakeholders and groups
 - Washington Coastal Marine Advisory Council

Draft Spatial Recommendations

- Important, Sensitive, and Unique areas (ISUs) in state waters
 - Protect sensitive and unique ecological areas from offshore development.
- Examples: Coral, Kelp, Rocky Reefs, Bird colonies, and Forage Fish Spawning areas.

Draft Spatial Recommendations

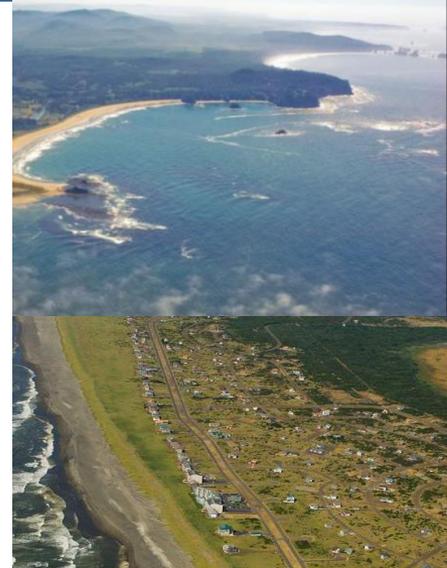
- Evaluate proposed projects on a case-by-case basis.
- Applicants should seek to avoid adverse impacts to existing uses and ecological areas in state waters.
- The greater the number of existing uses and ecologically important areas or the greater intensity of uses or ecologically important areas will likely result in a more difficult permitting process.

Draft Spatial Recommendations

- Recommend no industrial-scale projects in state waters to minimize impacts to existing uses and resources.
 - Industrial scale – energy at scale for regional grid (larger production/more devices).
 - Community scale – energy at scale for local community/communities (smaller production/fewer devices) and with support of local community.

Next Steps

- Complete research, drafting and recommendations
 - WCMAC recommendations
 - Tribal input
- Preliminary plan (Late Winter)
- Draft plan and draft EIS (Spring 2017)
 - Public comment period
- Final plan adopted (June 2017)



Questions?

www.msp.wa.gov

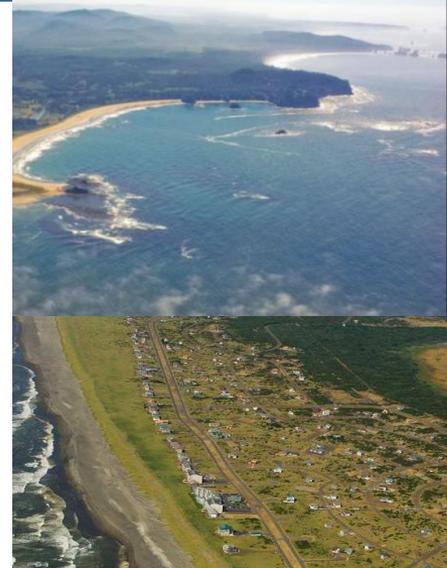
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WEST
COAST
REGIONAL
PLANNING
BODY

WEST COAST RPB UPDATE

Clean Energy Group & Pacific Ocean Energy Trust Webinar

February 2 2017

NATIONAL CONTEXT

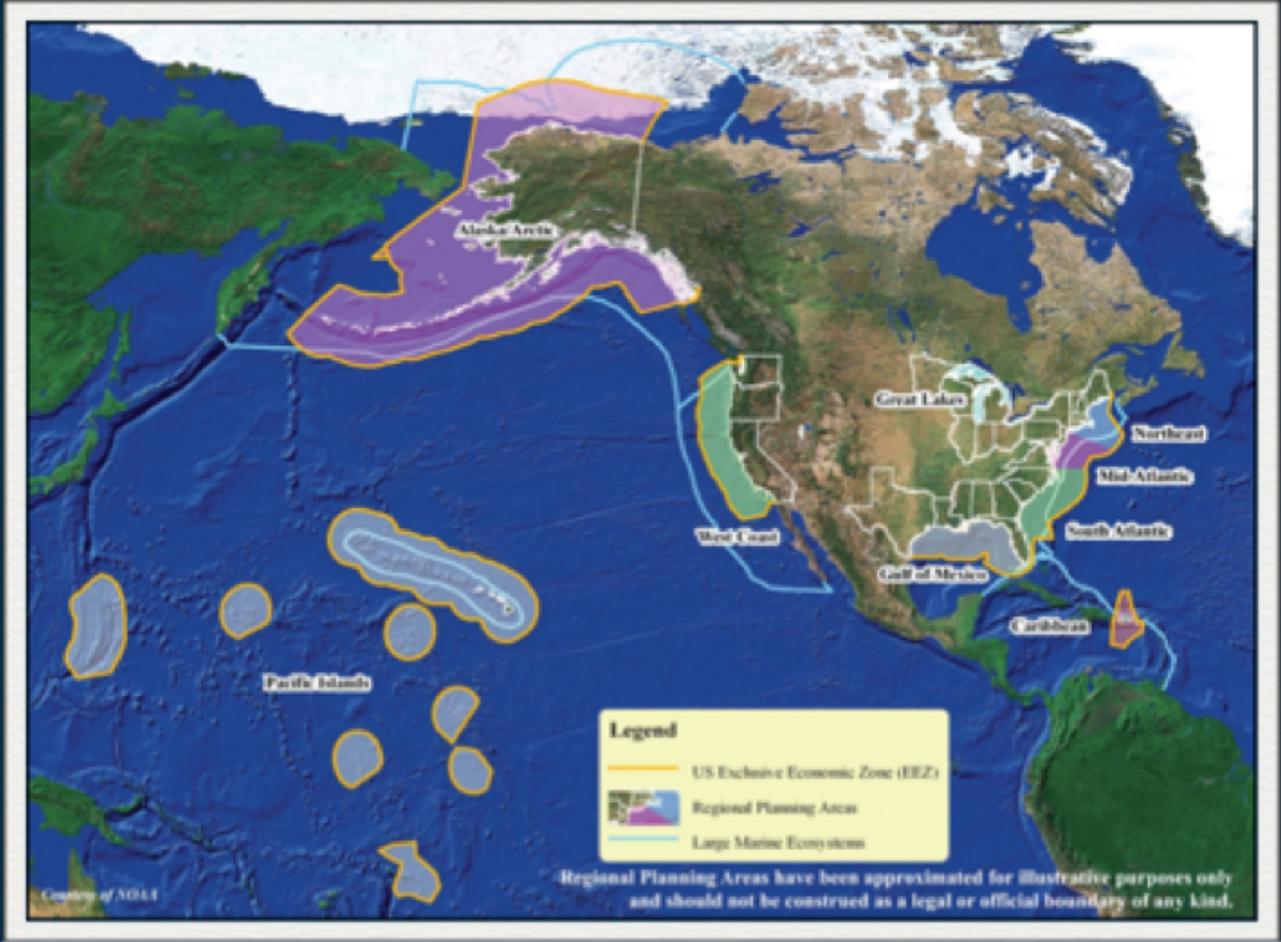
2010: U.S. National Ocean Policy (Exec. Order 13547)

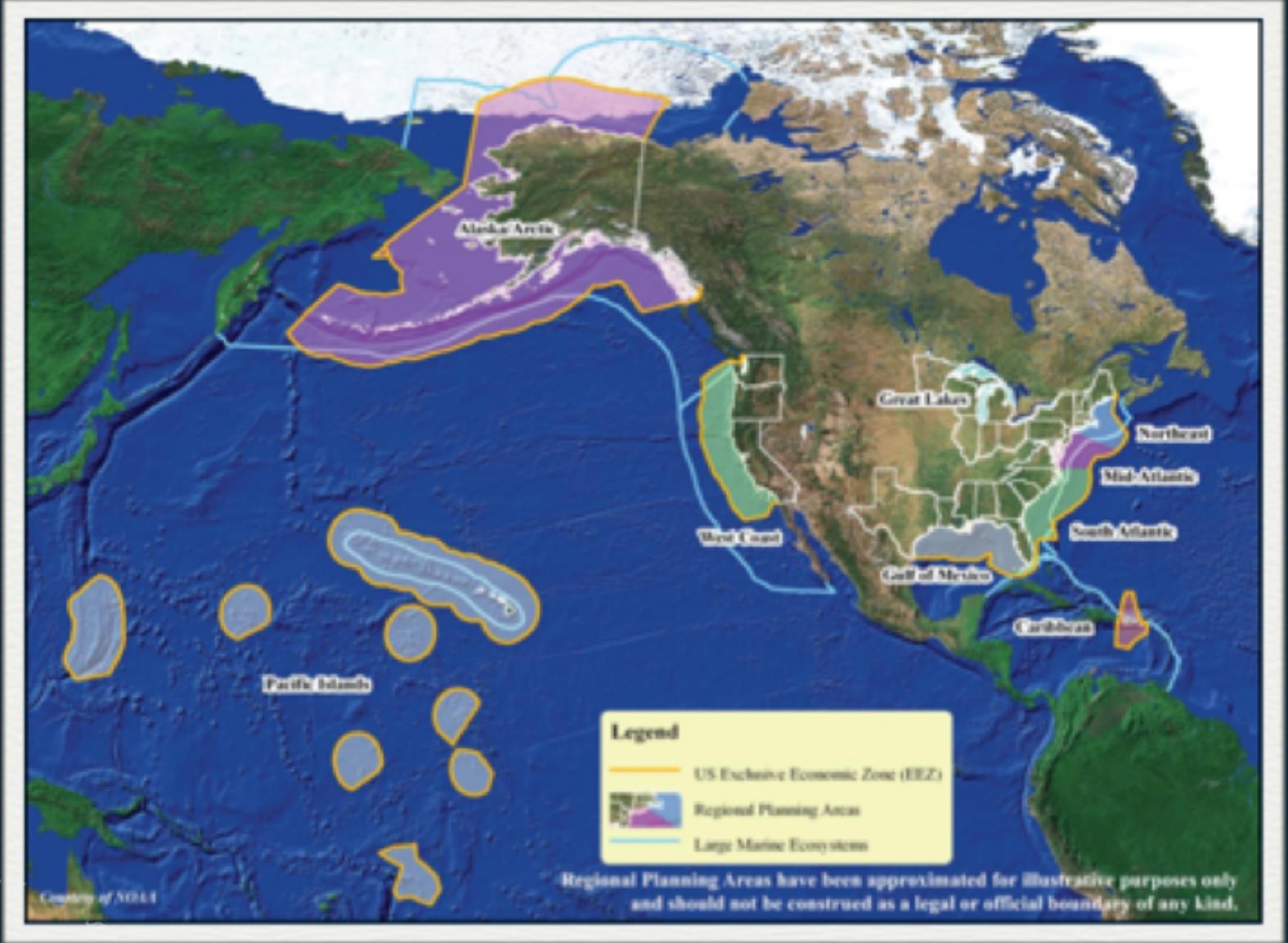
- Established the National Ocean Council (NOC) of 27 Federal agencies
- Directs Federal agencies to participate in the regional marine planning process
- Established the Governance Coordinating Committee (GCC)
- Called for the NOC to develop an Implementation Plan

NATIONAL CONTEXT

2013:

- National Ocean Policy Implementation Plan
- Marine Planning Handbook





NATIONAL CONTEXT

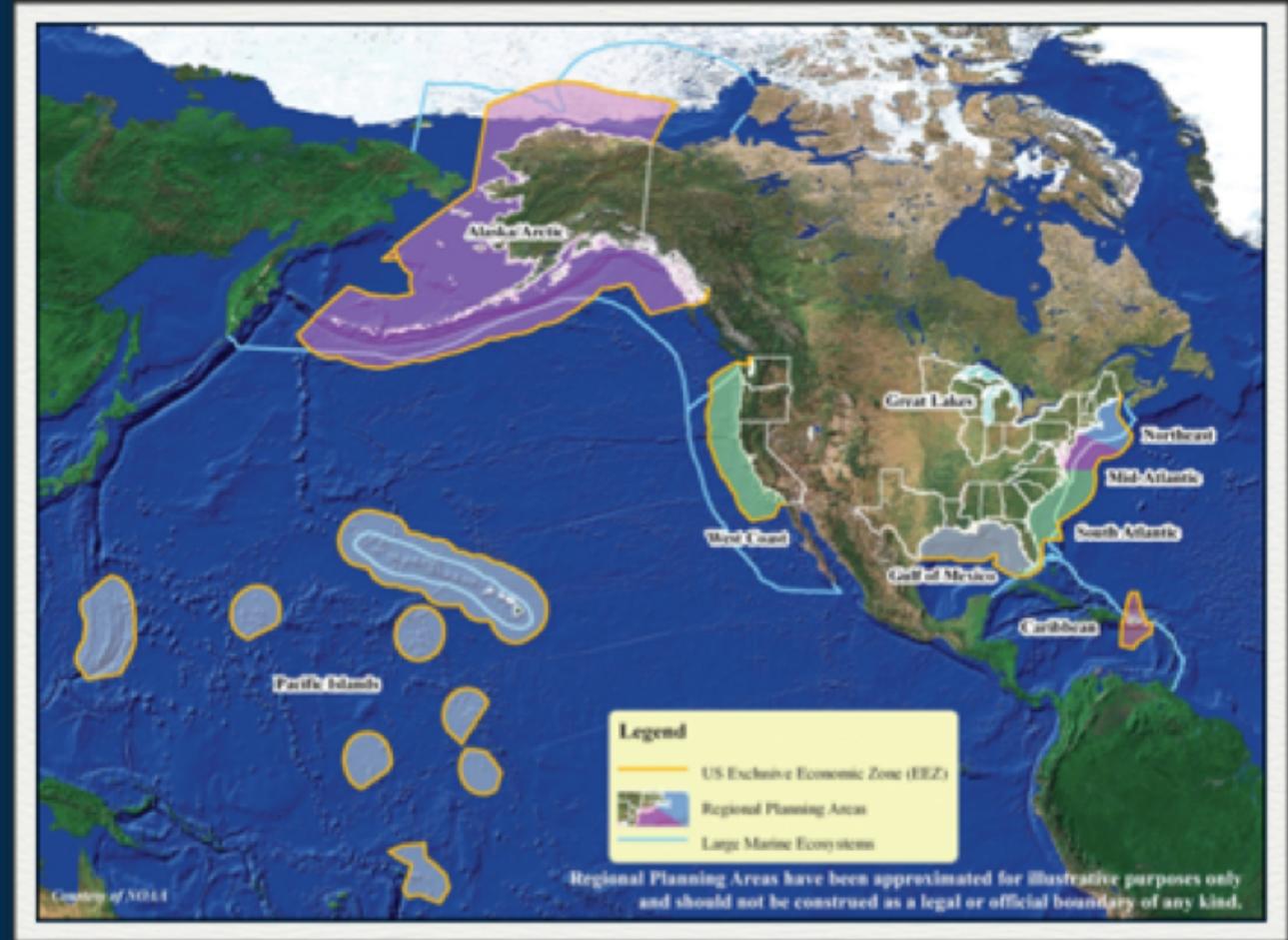
“Regional Planning Bodies”

- Initiated by state and tribal governments w/ required federal engagement
- ‘Marine planning’ as tool
- Federal, State, Tribal & Fishery Council membership
- Voluntary
- Non-regulatory
- Final plans implemented by Federal agencies



WEST COAST CONSIDERATIONS

- Scale
- Governance
- Existing Plans
- Stakeholder Engagement



WEST COAST RPB: HISTORY

■ 2012

- Federal agency organization
- Regional tribal government assessment started

■ 2013

- RPB staff hired
- Coordinated outreach to interested Tribal & State governments

■ 2014

- Initial feedback from government partners
- Formalization of Tribal-State-Federal dialog

WEST COAST RPB: HISTORY

■ 2015

- January: First in-person meeting
 - ▶ Agreement to form West Coast RPB
- Charter drafting
- Targeted RPB member outreach
- Feedback on regional vs. sub-regional approach
- Build on existing efforts

WEST COAST RPB: REGIONAL STRUCTURE

■ RPB Members:

- Federally-recognized tribal governments* - 1 seat per Tribe *voluntary
- State governments* - 2 seats per State *voluntary
- Federal agencies - 1 seat per Dept / Agency
- Pacific Fishery Management Council - 1 seat

■ Structure:

- "Co-Leads" / Executive Secretariat: Federal, Tribal, State
 - Sub-regional Planning Teams
 - Ex-officio and work groups added as needed
- RPB develops a coast-wide and/or sub-regional "marine plan(s)" that address regional priorities and capacity
- RPB allows for flexibility in responsibility and tasks based on roles of regional partners

WEST COAST RPB: MEMBERS

Federal Government

- U.S. Coast Guard (District 11, District 13)
- U.S. Department of Defense (Navy)
- U.S. Dept. of Energy
- U.S. Dept. of Interior (including BIA, BLM, BOEM (DOI lead), BSEE, NPS (DOI alternate), USFWS, USGS)
- U.S. Dept. of Transportation
- U.S. Environmental Protection Agency (Region 9, Region 10)
- U.S. Joint Chiefs of Staff (U.S. Third Fleet)
- NOAA (RPB Federal Co-Lead)
- Pacific Fishery Management Council

WEST COAST RPB: MEMBERS

State Governments

- California:
 - Resources Agency – Ocean Protection Council
 - State Lands Commission*
(Pending formal approval Dec 2016)
- Oregon:
 - Dept. of Land Conservation & Development
 - Dept. of Fish & Wildlife
- Washington:
 - Dept. of Ecology
 - Dept. of Natural Resources

WEST COAST RPB: MEMBERS

Tribal Governments

- Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians*
- Confederated Tribes of Grand Ronde
- Confederated Tribes of Siletz Indians
- Coquille Tribe
- Elk Valley Rancheria
- Intertribal Sinkyone Wilderness Council*
- Makah Tribe
- Quileute Tribe
- Quinault Tribe
- Tolowa Dee-ni' Nation
- Trinidad Rancheria
- Yurok Tribe

WEST COAST RPB: HISTORY

- 2016
 - Finalize charter
 - Sub-regional RPB member outreach
 - Partner w/ West Coast Ocean Data Portal
 - Initiate Ocean Assessment Inventory
 - Initial member feedback on ocean planning issues
 - Develop sub-regional approaches

WEST COAST RPB: 2016 ANNUAL MEETING (OCT 2016)



WEST COAST RPB: TASKS

■ RPB Current Tasks

- ▶ Define West Coast Objectives & Core Functions
- ▶ Support & Partner on Data Coordination
- ▶ Ocean Assessment: Inventory & Initiation
- ▶ Implement Communications & Engagement Plan
- ▶ Engage Sub-regional Dialogs

WEST COAST RPB: REGIONAL ROLE

- Objectives (Draft)

- (1) Support **effective decision-making** and **ocean planning** along West Coast between government co-managers.
- (2) Enhance **information-sharing and data coordination** between governments, regional entities, non-governmental partners.
- (3) Increase **understanding of existing and emerging uses** on West Coast to promote **compatibility** and improve **transparency** and **efficiency** of government actions.

WEST COAST RPB: REGIONAL ROLE

- Core Functions (Draft)

- (1) Regional Coordination & Communication
- (2) Engage & Strengthen Sub-regional Ocean Planning
- (3) Harmonize West Coast Ocean Planning Products
- (4) Support Effective West Coast Partnerships, Tools and Resources
- (5) Ensure Data Coordination & Info-sharing

WEST COAST RPB: SUB-REGIONAL APPROACHES

- RPB Charter: **Sub-regions**
 - Voluntary sub-regional planning teams (SRPT)
 - Priority: Build on existing efforts
 - RPB members in sub-regions determine approach
 - Define process, non-RPB engagement, planning products
 - Sub-regional products to RPB for approval

WEST COAST RPB: SUB-REGIONAL APPROACHES

- Priority: Build on Existing Efforts
 - Defer to existing / underway tribal and state planning activities
 - No impact on existing authorities, regulations, plans
 - Goal to enhance existing efforts, increase efficiency, transparency

EXAMPLES

- Oregon: Territorial Sea Plan
- Washington: State of WA MSP, Tribal Marine Planning
- California: State-BOEM Energy Task Force

WEST COAST RPB: NEXT STEPS

- Implement Communication & Engagement Plan
- Sub-regional Feedback
- Identify Existing & New Planning Issues
- Build Regional Partnerships

WEST COAST RPB: CONNECT!

- John Hansen, RPB Coordinator
 - john@westcoastmarineplanning.org / 510-788-9265
- www.westcoastmarineplanning.org
 - ▶ [/documents](#)
 - ▶ [/16meeting](#)



WEST COAST OCEAN DATA PORTAL

Clean Energy Group/POET Webinar
Feb 2nd, 2017



West Coast Ocean Data Portal, ACT Co-Chairs

Steve Steinberg

Principal Scientist – Information Management & Analysis
Southern California Coastal Water Research Project (SCCWRP)

Andy Lanier

Marine Affairs Coordinator
Oregon Coastal Management Program

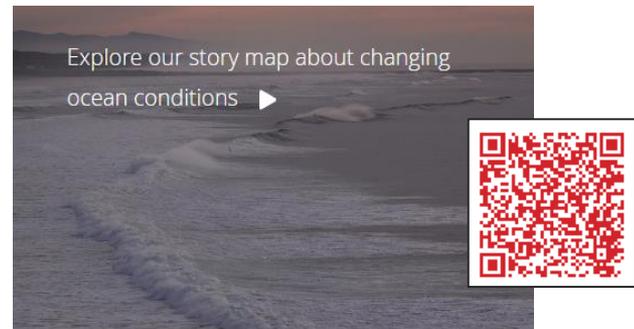
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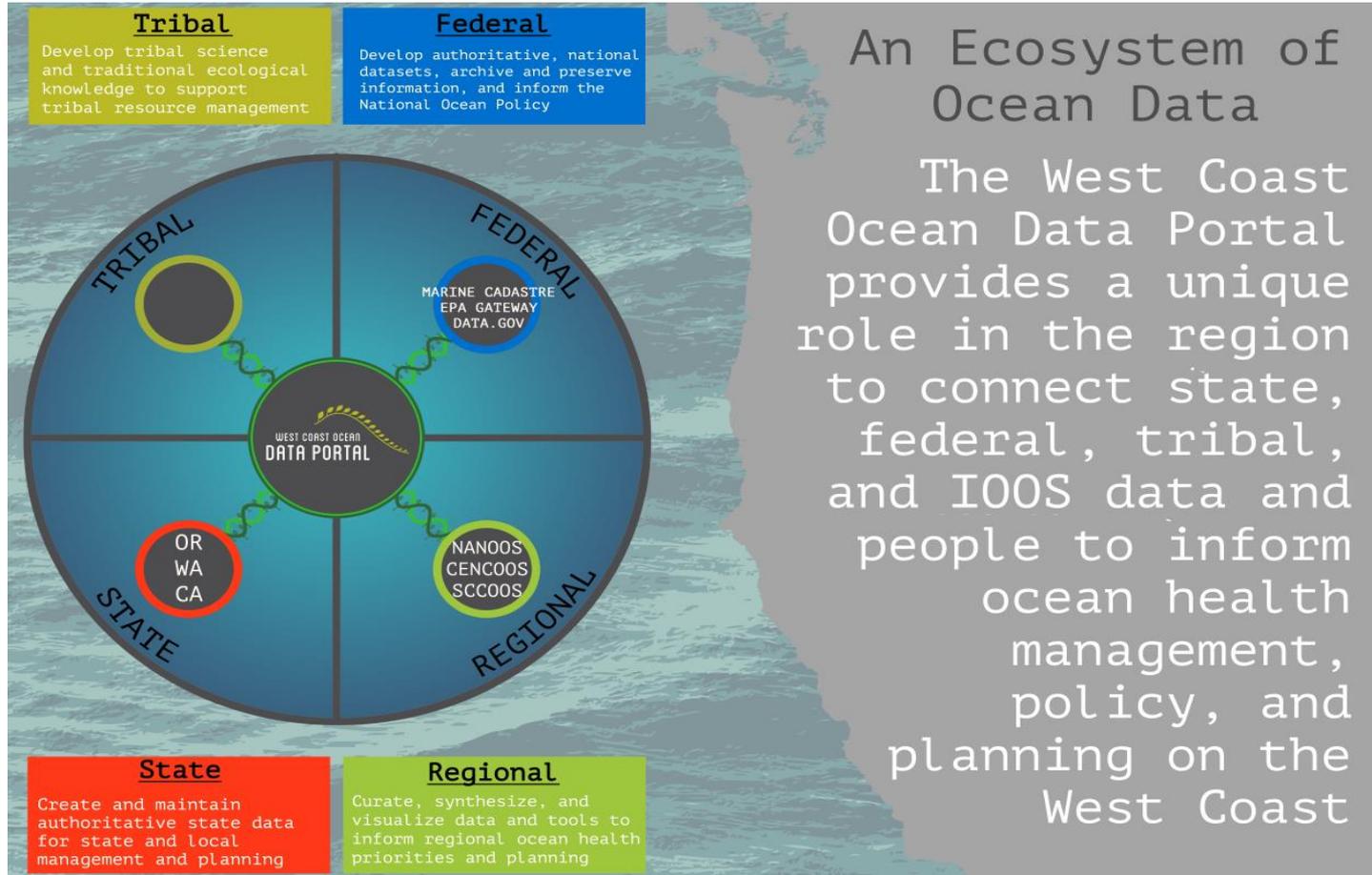
Allison Bailey

Sound GIS
Project Consultant

Regional data portals

- Provide RPBs significant benefits
 - Data coordination among multiple entities
 - Organized and searchable information
 - Cataloged data sets
 - Metadata consistency
 - Mechanisms to access and integrate data
 - Data downloads
 - Web services





An Ecosystem of Ocean Data

The West Coast Ocean Data Portal provides a unique role in the region to connect state, federal, tribal, and IOOS data and people to inform ocean health management, policy, and planning on the West Coast

Discover

Connect

Inform



A project of the West Coast Governors Alliance on Ocean Health

DISCOVER CONNECT INFORM ABOUT

WELCOME

Discover & contribute valuable data resources to inform ocean planning, policy development and resource management on the West Coast. ▶

Catalog

284

registered resources

SEARCH

DISCOVER

Biological Data

DISCOVER

Marine Debris Data

DISCOVER

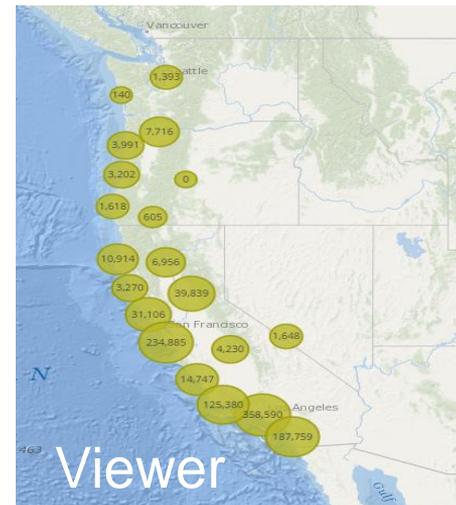
Human Use Data

DISCOVER

Physical Data

EXPLORE

Contributors: see who is contributing to the registry. ▶



West Coast Ocean Data Catalog



- ▶ Increase **discovery** and access of West Coast geospatial data
- ▶ Harvest from **existing** systems and data catalogs
- ▶ **Synthesize** unique data products with Partners
- ▶ Share **YOUR** data in the planning process
- ▶ Contribute your data to the process



Stay Connected to OWAP!

Val Stori, Project Director

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facebook.com/offshorewindworks

@OSWindWorks on Twitter

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and sign up for our e-newsletter:

www.cleanegroup.org/ceg-projects/offshore-wind-accelerator-project