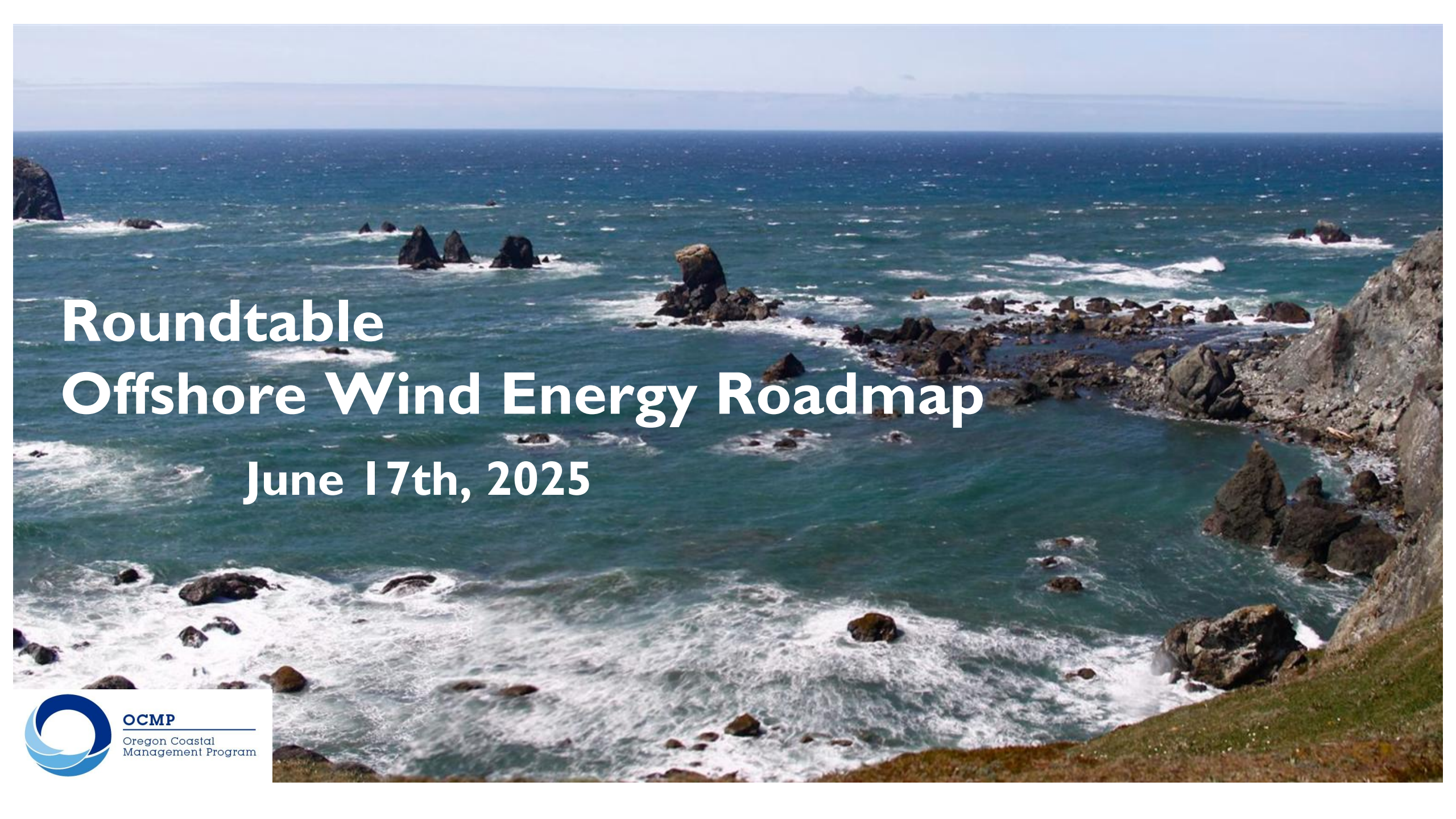




# Roundtable Offshore Wind Energy Roadmap

June 17th, 2025

# Questions? Public Comment?

At any time (during a meeting or in between) submit a question or public comment:

→ **QR Code**

→ Or via our Google Form:

<https://forms.gle/MgI4vhn4VYa8YEwYA>

→ Or email:

[dlcd.OSWRoadmap@DLCD.oregon.gov](mailto:dlcd.OSWRoadmap@DLCD.oregon.gov)



# Welcoming and Agenda Overview:

## *Content and Walkthrough*

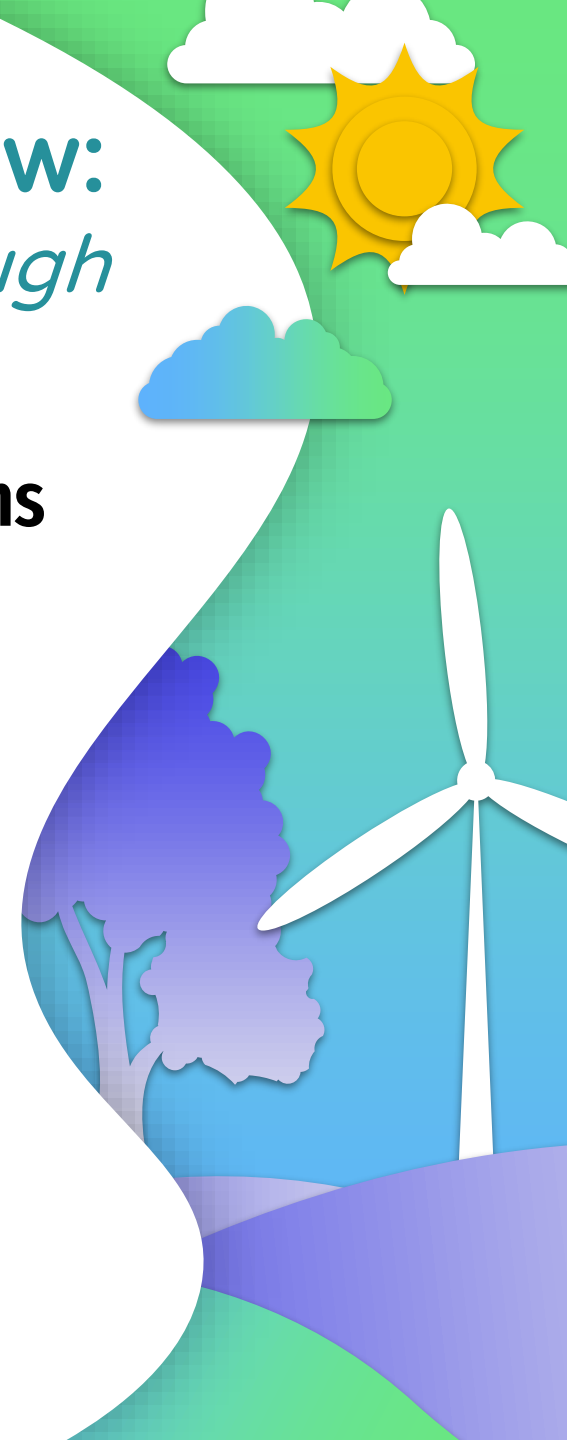
**01** Feedback on the  
May Discussion  
Draft

**02** Workforce Programs

**03** Permitting role,  
participation,  
actions

**04** Community  
Engagement  
Updates

**05** What to expect in  
Summer and Fall







**OCMP**

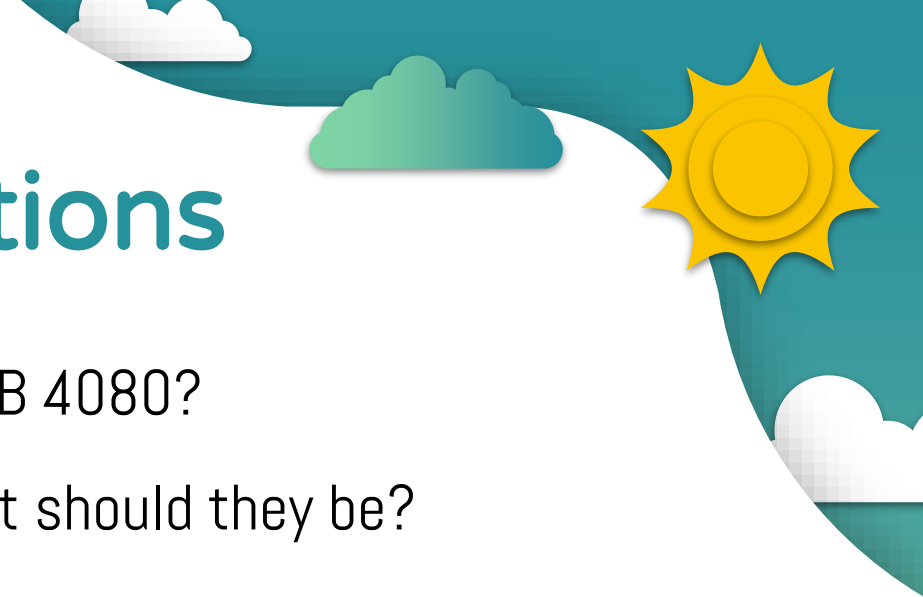
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## **Comments on the May Discussion Draft**



# High Level Discussion Questions

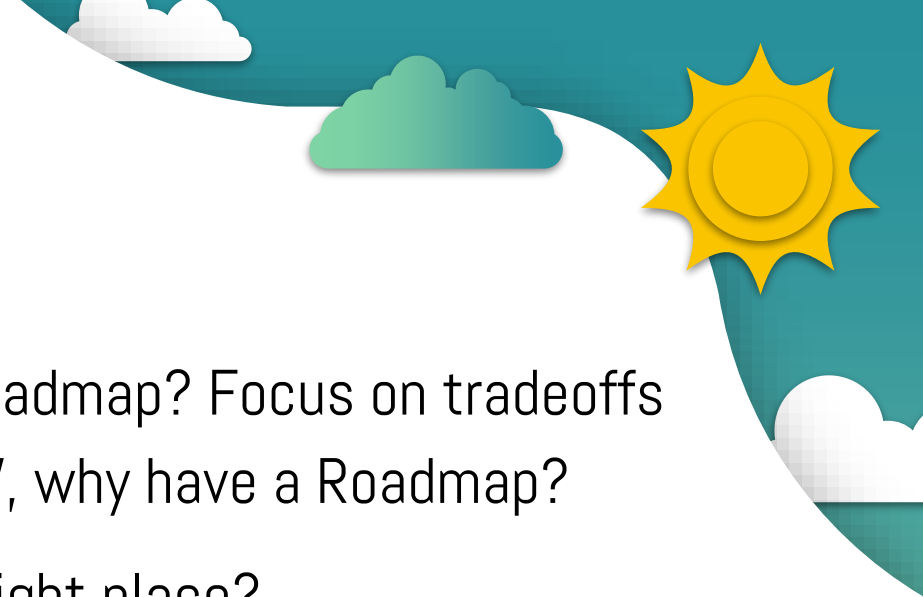


1. Is the Roadmap in line with the original intent of HB 4080?
2. Should there be alternative futures or not and what should they be?
3. What is the “Goal” described in Section 2?
4. Can OSW happen without port upgrades?
5. Fundamental architecture of the Roadmap document (principles, organization)
6. How should the concept of exit ramps carry forward in the Roadmap?

# What is the Roadmap?

- Is Roadmap still the right name? What is the “problem statement”?
- Should the Roadmap define a pathway to getting OSW or should it include an alternative with no wind?
- Should the Roadmap facilitate offshore wind or emphasize concerns to address?
- What is the problem statement the Roadmap should organize around given the federal changes?
- Is the Roadmap a living document?
- Will the Roadmap address other energy choices?
- What are the “goals” of the Roadmap vs. the principles in the Roadmap?

# Alternative Futures



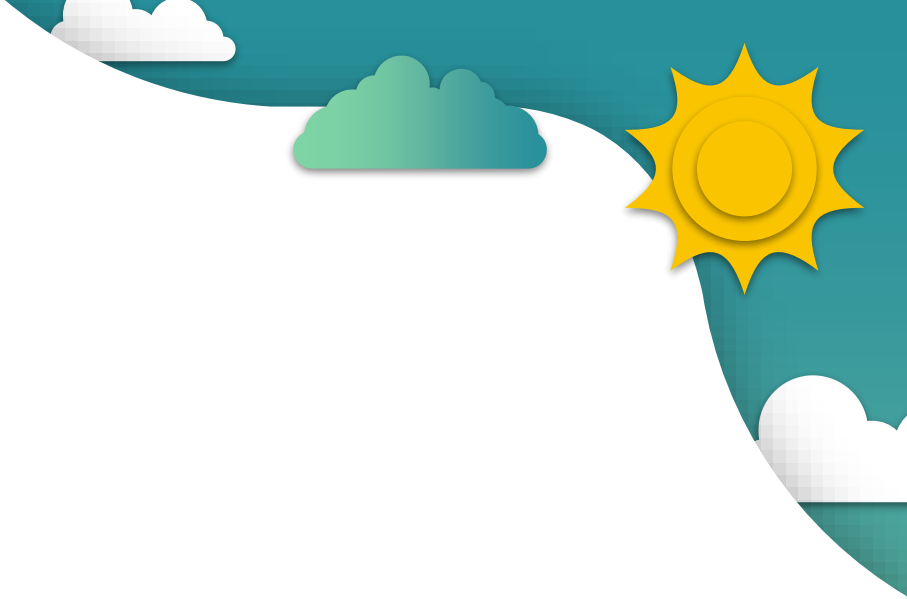
- Do alternatives without offshore wind belong in the Roadmap? Focus on tradeoffs of non-OSW alternatives vs. flesh them out? If no OSW, why have a Roadmap?
- Are the alternative futures frame correctly and in the right place?
- What alternatives should we retain?
- Economic analysis of each path?
- How do the paths differ regarding policies and waypoints/actions?
- How do exit ramps change scenario paths? (checkpoints? control points? junctures?)

# Alternative Futures

- Keep a pilot? What size? State lead/ownership?
- 1GW / 3GW / 5-7GW?
- “Delay” alternative?
- Variants of Path 1 with vs. without major Coos Bay estuary development?
- Should “no OSW” stay an alternative? What should the Roadmap say about it?
- Should Oregon invest in CA offshore wind?
- Interregional transmission alternative? (buy CA OSW when needed)
- Bonus: policy gap re: prioritizing landing power in Oregon first?
- If CA buys OSW in OR, does OR need to build elsewhere to get to 100% clean?



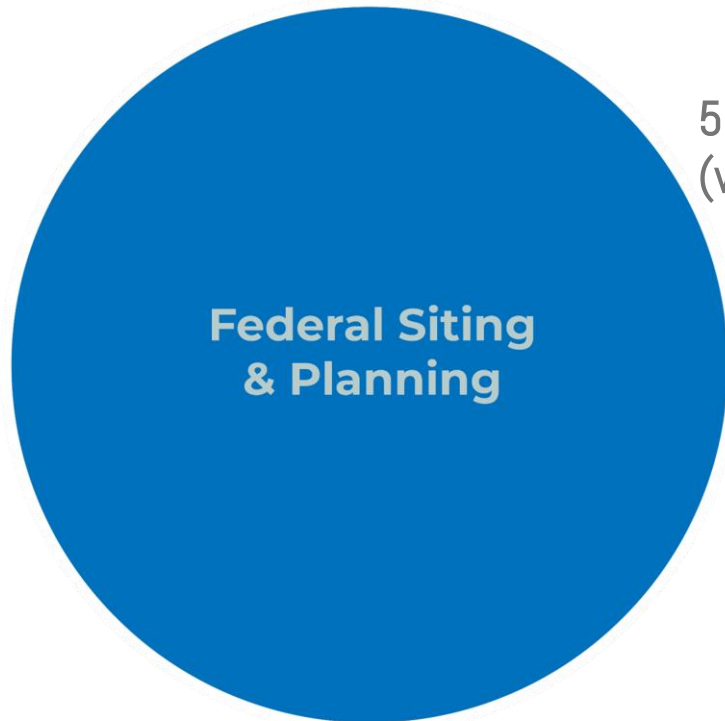
# Pathways





## 5.1 Engagement

"Streams" through every stage



5.8 Permitting  
(woven into the middle of each stage)

Stage "Gates" where certain "things" need to be in place before moving forward

## Objectives



5.2 Support community



5.3 Support econ opp



5.4 Position workforce



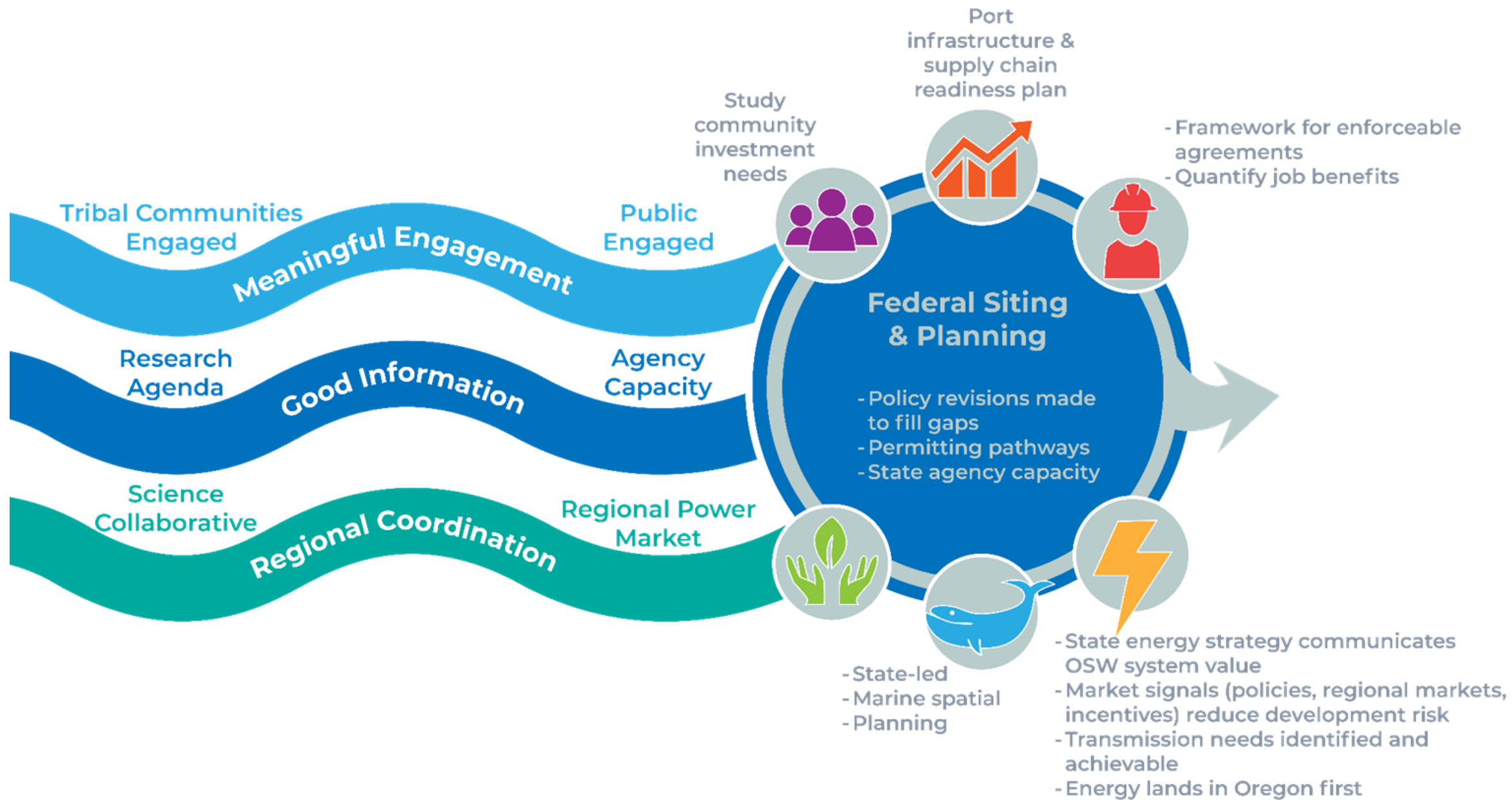
5.5 Protect cultural resources

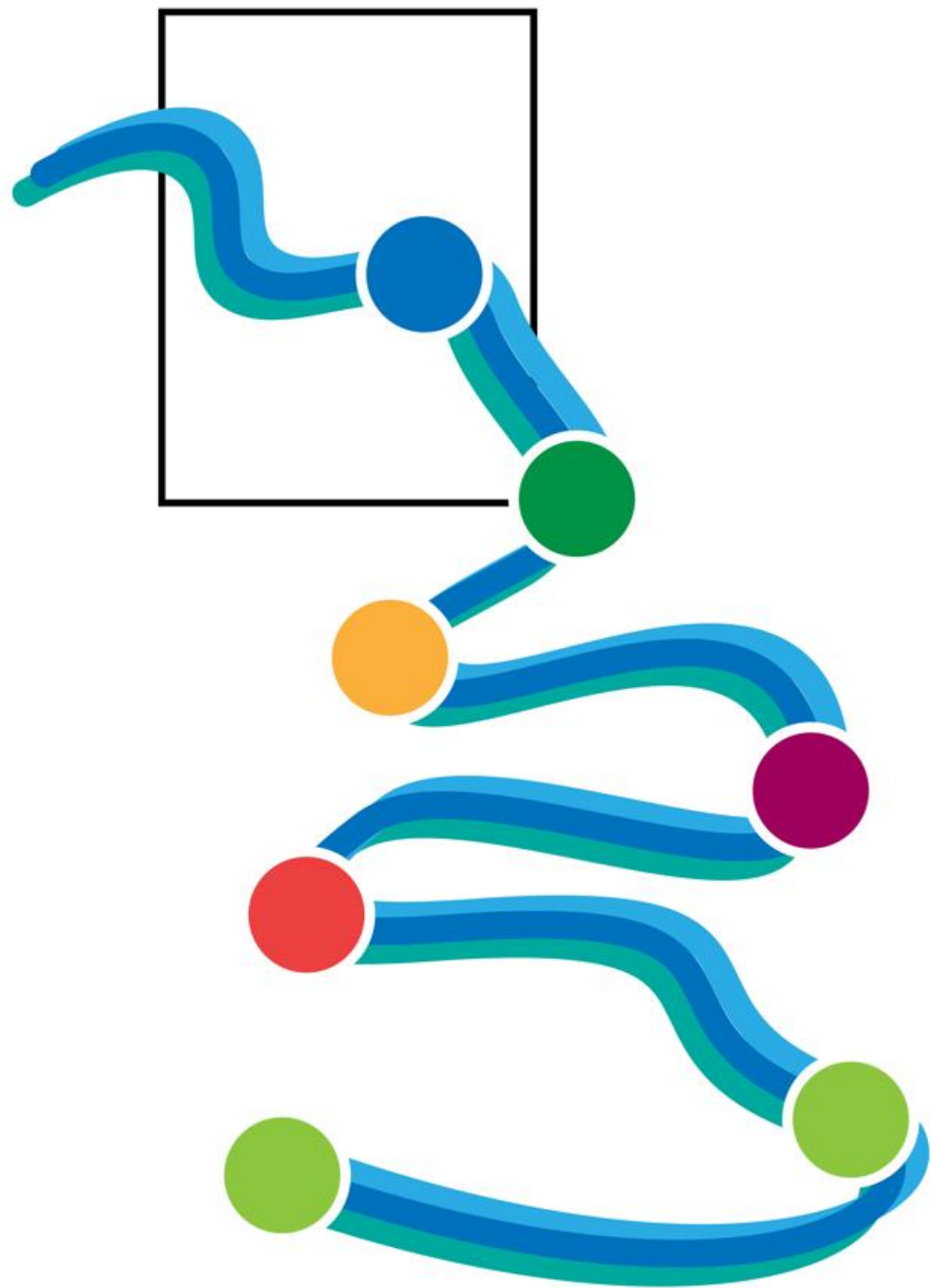


5.6 Protect environment



5.7 Achieve energy and climate objectives







# Pathways

- Is each “waypoint” an exit point? Just the major “gates”?
- Clarify timing of each “gate”, e.g., is there a Construction Phase on the path?
- Dilemmas:
  - Cumulative Effects analysis funding, leadership, formality, timing
  - How much state/federal financial support is a precursor to leasing?
  - What do we need to know before leasing vs. after?
  - How do you get good baseline data in a changing ocean?
  - Can we require onshore plans at the time of state review? (segmentation)
  - What other dilemmas were not captured?
- Decommissioning: leave no trace vs. allowing decomm onsite?
- When is Power Purchase Agreement needed?

## 5. Objectives, Strategies, and Actions

- Do we have the right top-line objectives?
- Are they in the right order?
- Should engagement have its own separate section?
- How will fisheries and Tribal interests be folded into the draft?





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# **Workforce and Economic Development Focus**



# Panel Discussion



- Tanner Etherton, Schatz Energy Research Center, CA SG (Pacific Offshore Wind Consortium; professional labor needs for OSW in CA)
- Lorne Bulling, Ironworkers Local 29 (Training, apprenticeship, benefits to local communities, construction workforce lifecycle opportunities)
- Scott Strickland, Counsel Smart Local 16 (Broader workforce development across Oregon; Community and Labor Agreements)
- Kyle Stevens, New Sun Energy (Positioning of resources to build a workforce; the realities of bringing new industry into a smaller community)





# Topics to Discuss

- What is realistic to expect for workforce opportunities and needs?
- What factors will affect how many OSW jobs are local?
- What do we need and when to prepare for workforce needs in a future that includes offshore wind \*or\* a supply chain industry?
- What gaps are there (if any) that may benefit from policy recommendations in the Roadmap?
- What actions should be included in the Roadmap to support a trained, housed, and equitable workforce that benefits communities?



# Questions? Public Comment?

At any time (during a meeting or in between) submit a question or public comment:

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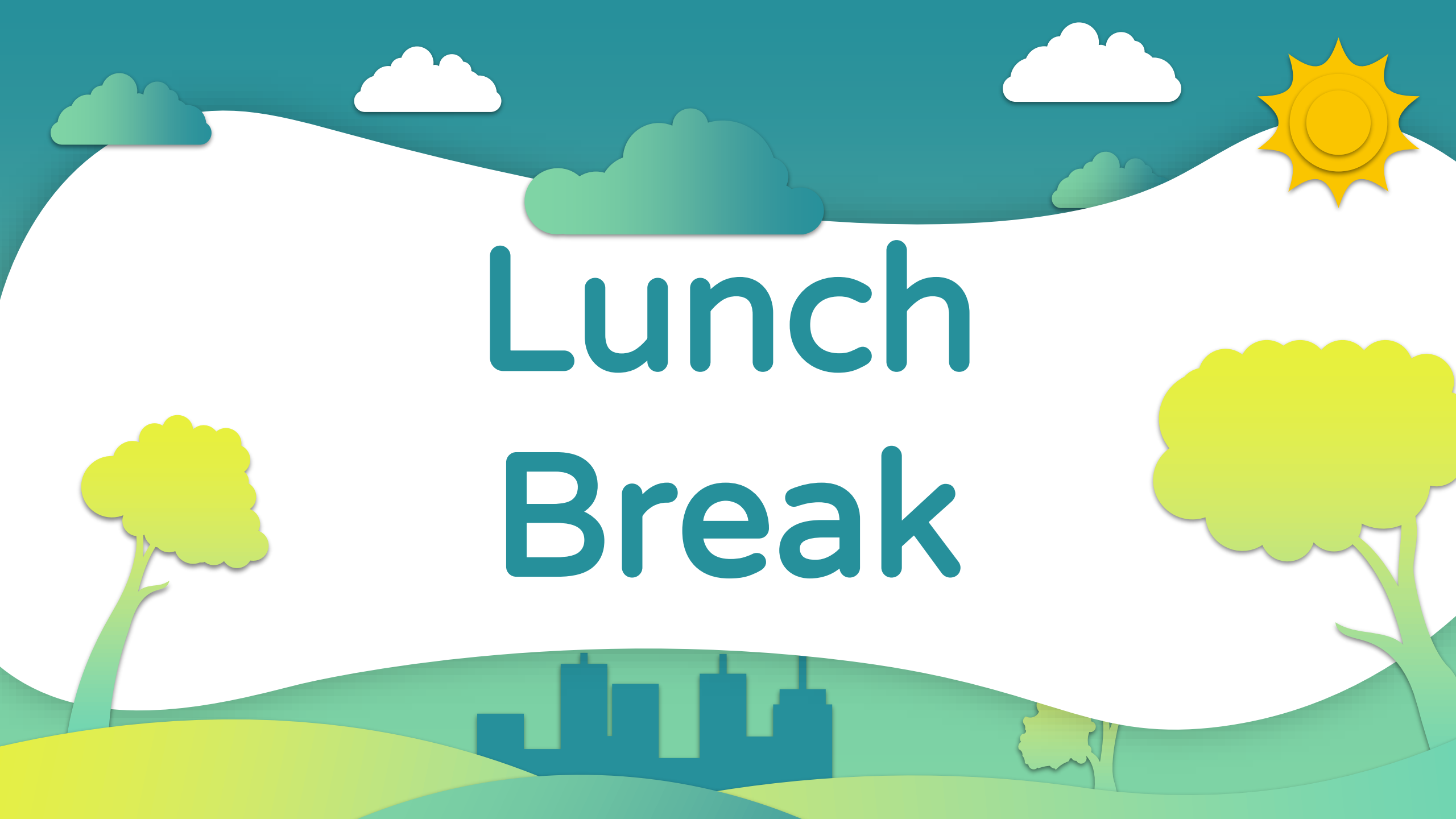
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→ Or email:

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# Lunch Break



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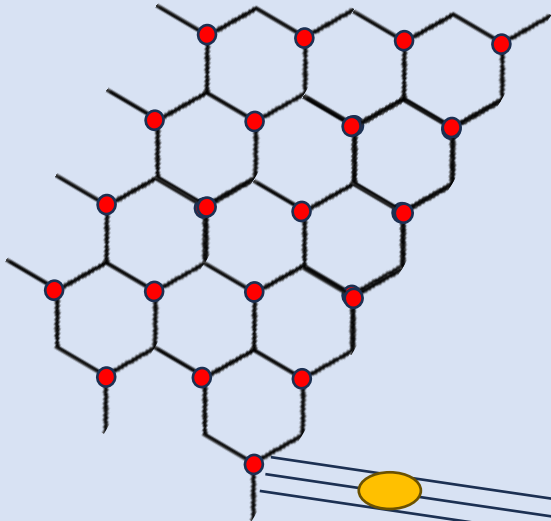
## **Regulatory Process, Public Opportunities, and Exits**



# Floating Offshore Wind Project in Federal Waters – Regulatory Overview

## Federal Waters

*State federal consistency review jurisdiction currently extends to 500 fathoms due to Oregon's federally approved Geographic Location Description.*



### Floating Offshore Wind Installation:

- BOEM Construction and Operations Plan
- US Army Corps 404/10 Permit
- CWA Water Quality Certification
- Clean Air Permit (EPA)
- State Federal Consistency review of federal permits
- Consultations (USFWS, NMFS, USCG, FAA, others)

## State Waters

*out to 3 nautical miles*

### Cables on Seafloor:

- BOEM Construction and Operations Plan
- Army Corps Permit
- DSL Cable Easement
- DSL Removal-Fill Permit
- DEQ Water Quality Certification
- SHPO Archaeological Permit
- State Federal Consistency review of federal permits

*shore*

*land*

### Cable landings and routing:

- Ocean Shore permit (OPRD)
- Land Use Permits (Local Govt)





- Provide technical and analytical support in the regulatory phase
- Inform offshore wind siting
- Analytics in environmental impacts and conflicts with OSW
- Monitor and mitigate environmental impacts



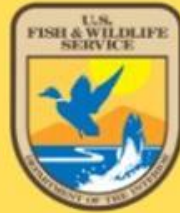
- Invests in clean energy science, research, and development
- Formerly allocated funds from the Inflation Reduction Act of 2022



- Enforcement of lighting, marking, and warning devices ensuring safe access routes to and from U.S. ports
- Coordinate investigation and incident response efforts project incidents



- Assist with NEPA writing for planning phase
- Monitoring for compliance reports on projects
- Data tracking on marine wildlife changes
- Reporting non-compliance



- Reviews NEPA documents in OSW development
- Collects and shares Public Comment
- Evaluates projects compliance throughout lifetime of the site



- Oversight on interconnection lines to the interstate grid.
- BOEM/FERC MOU April 2009



US Army Corps of Engineers®

- Evaluates for impact to existing or future Civil Works projects
- Regulates structures and projects over or under navigable waters of the U.S.
- Discharge of dredged or fill material into U.S. waters

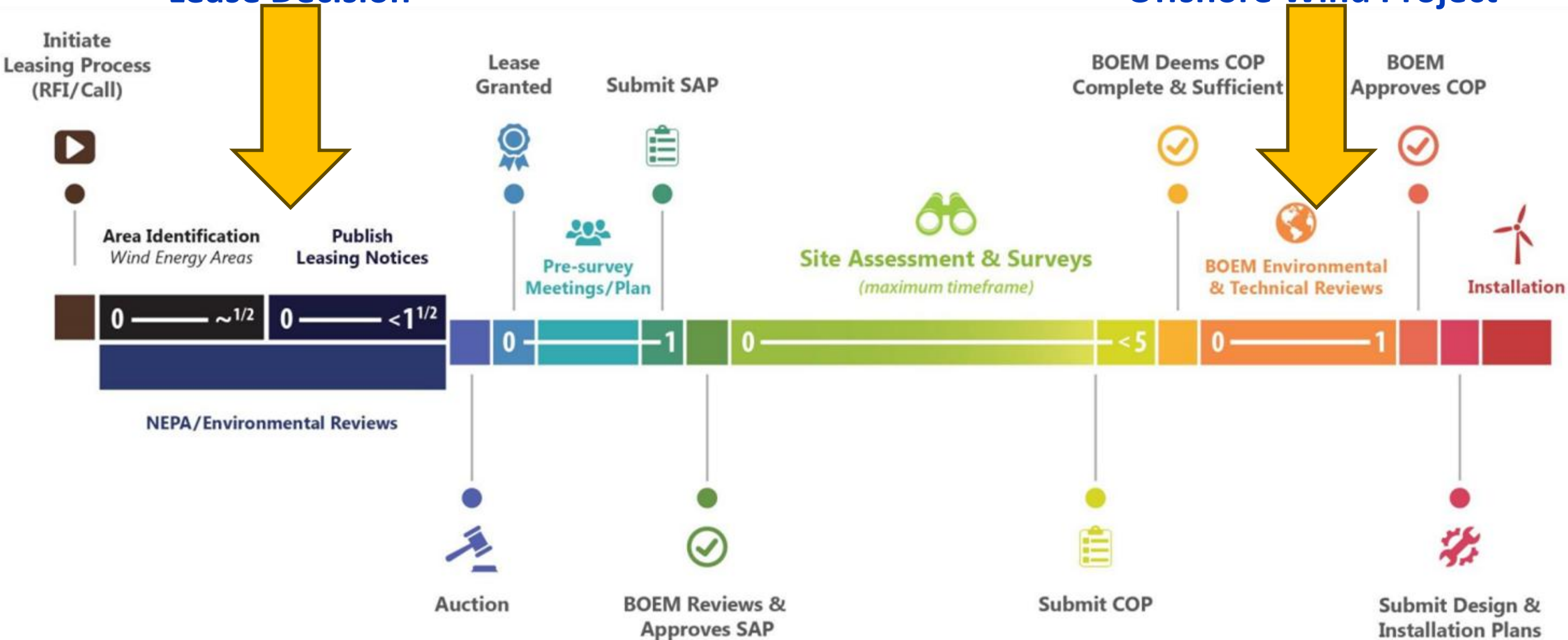


- Ensures historic properties are considered during the development



# BOEM Offshore Wind Process

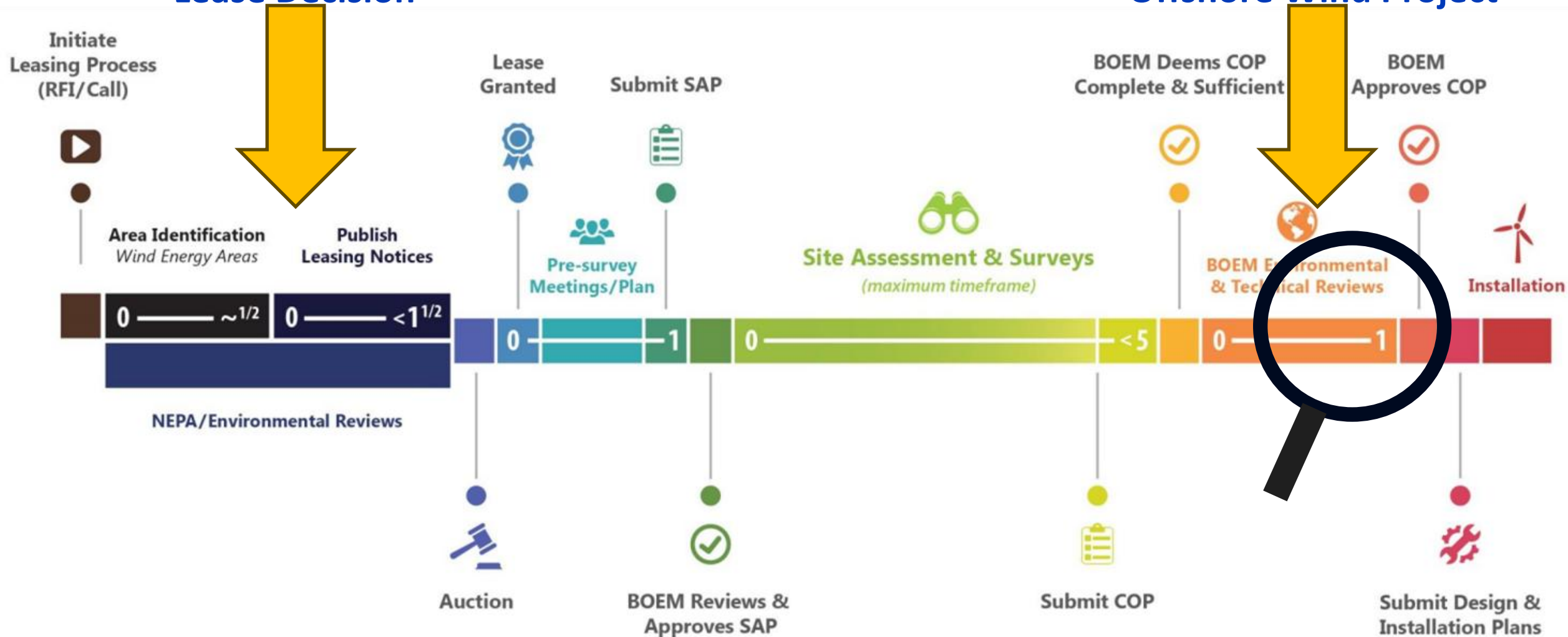
## Consistency Review of Lease Decision

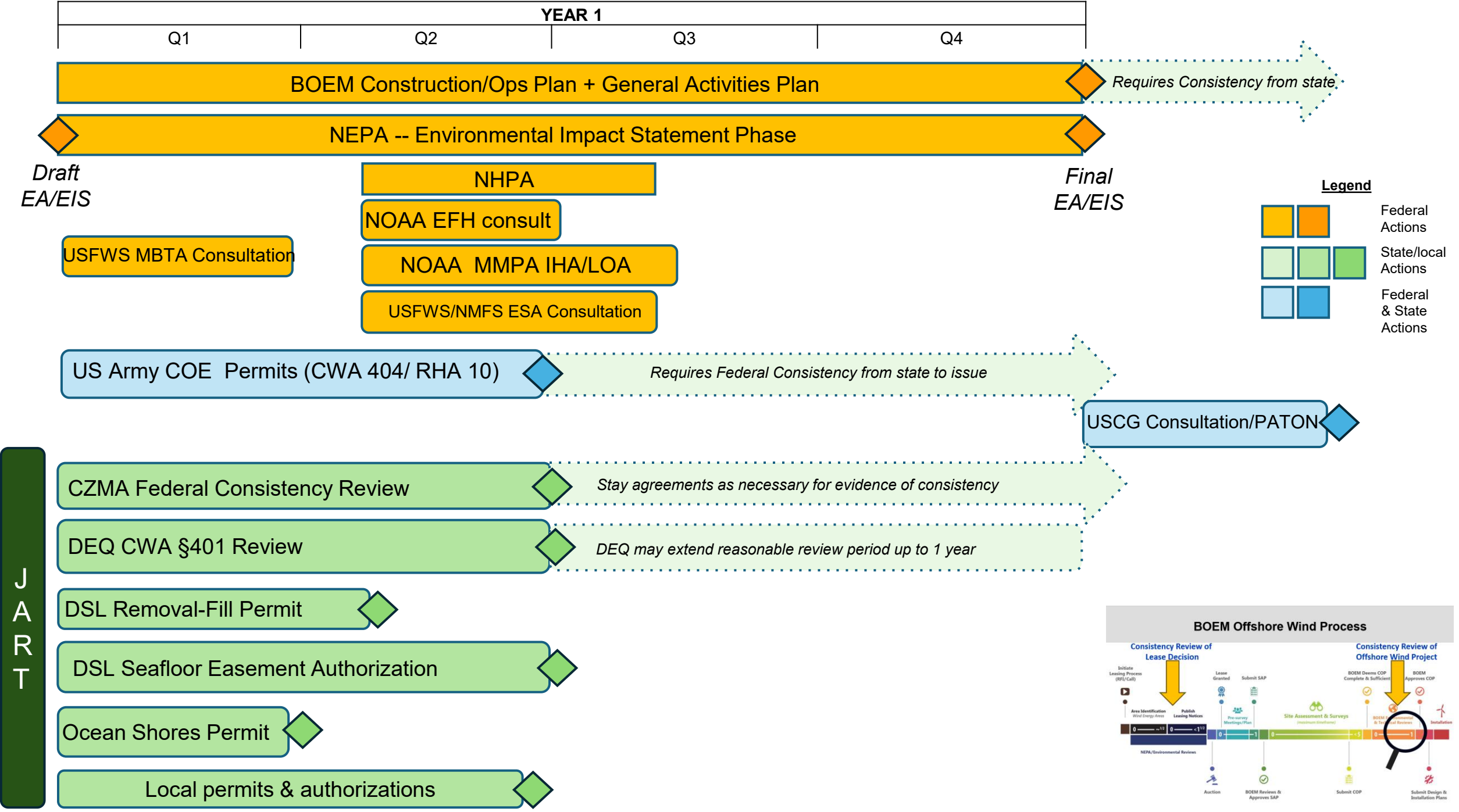


# BOEM Offshore Wind Process

## Consistency Review of Lease Decision

## Consistency Review of Offshore Wind Project





# Joint Agency Review Teams

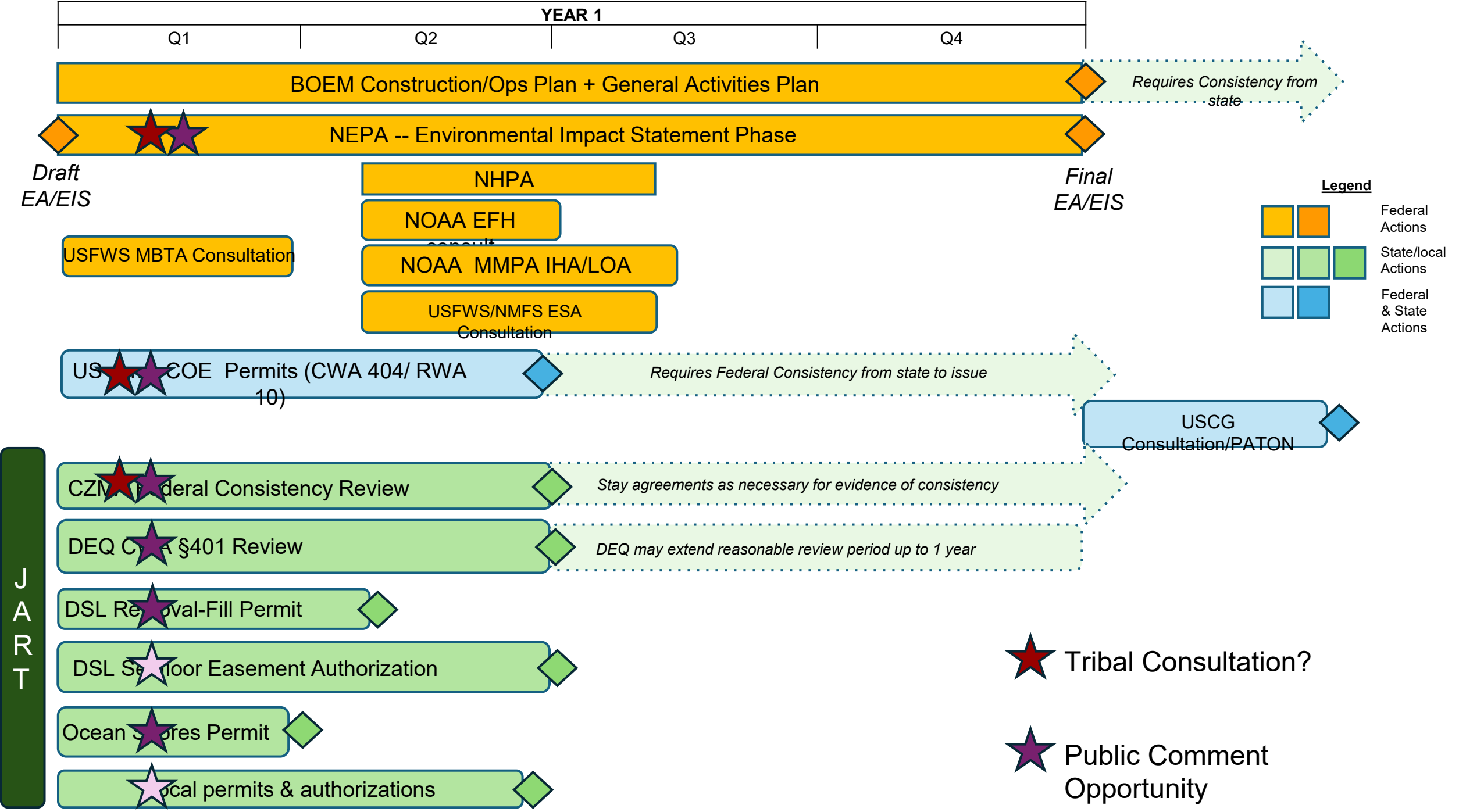
- **Required under Parts Four and Five of the Territorial Sea Plan and OARs**
- **DSL convenes a JART for both pre-application and application phases**
  - Pre-application meeting timing is flexible
  - Membership:
    - State agencies, applicable federal agencies,
    - Local jurisdictions from affected cities, counties, port districts
    - Statewide and local orgs and advisory committees with technical expertise, as invited (e.g., fisheries, ecological resources, recreation, visual impacts)
    - Federally Recognized Coastal Tribes
- **DSL has authority and responsibility for deciding JART composition, timing, and process.**

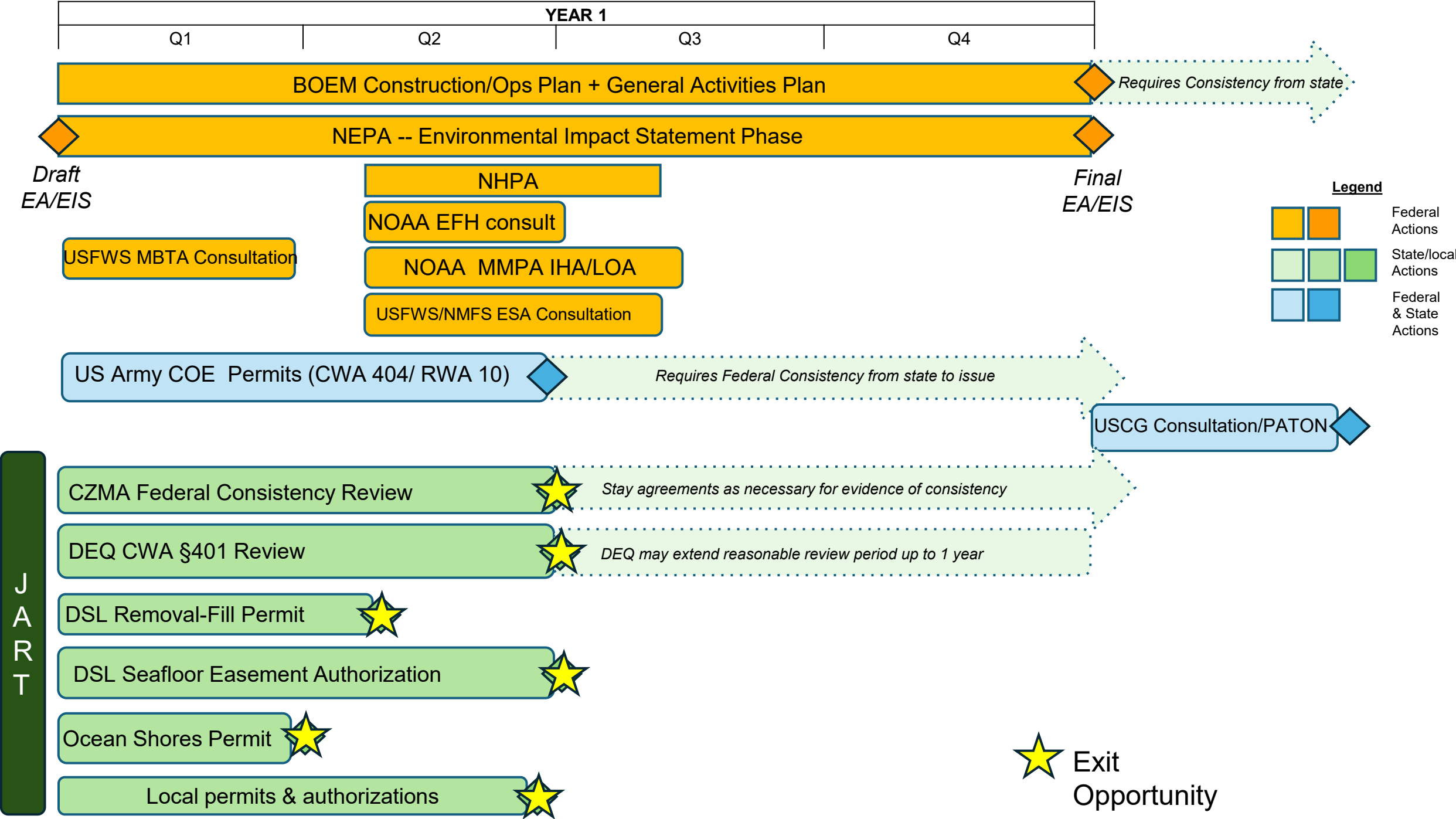
Purpose of JART is **RECOMMENDATIONS**:

- Adequacy of resource inventories and effects evaluations
  - Adequacy of NEPA evaluation
  - Adequacy of operations plan, including monitoring, Adaptive Management
  - Recommend whether information meets standards and criteria (e.g., TSP Parts 4/5; other relevant permits)
  - Recommend agency decisions on permits, licenses, authorizations.
  - Identify affected communities applicants must consult. (*added in 2023 Part 4 update*)
- DSL may acquire technical expert services to assist the JART in analyzing specific subject information necessary for review.

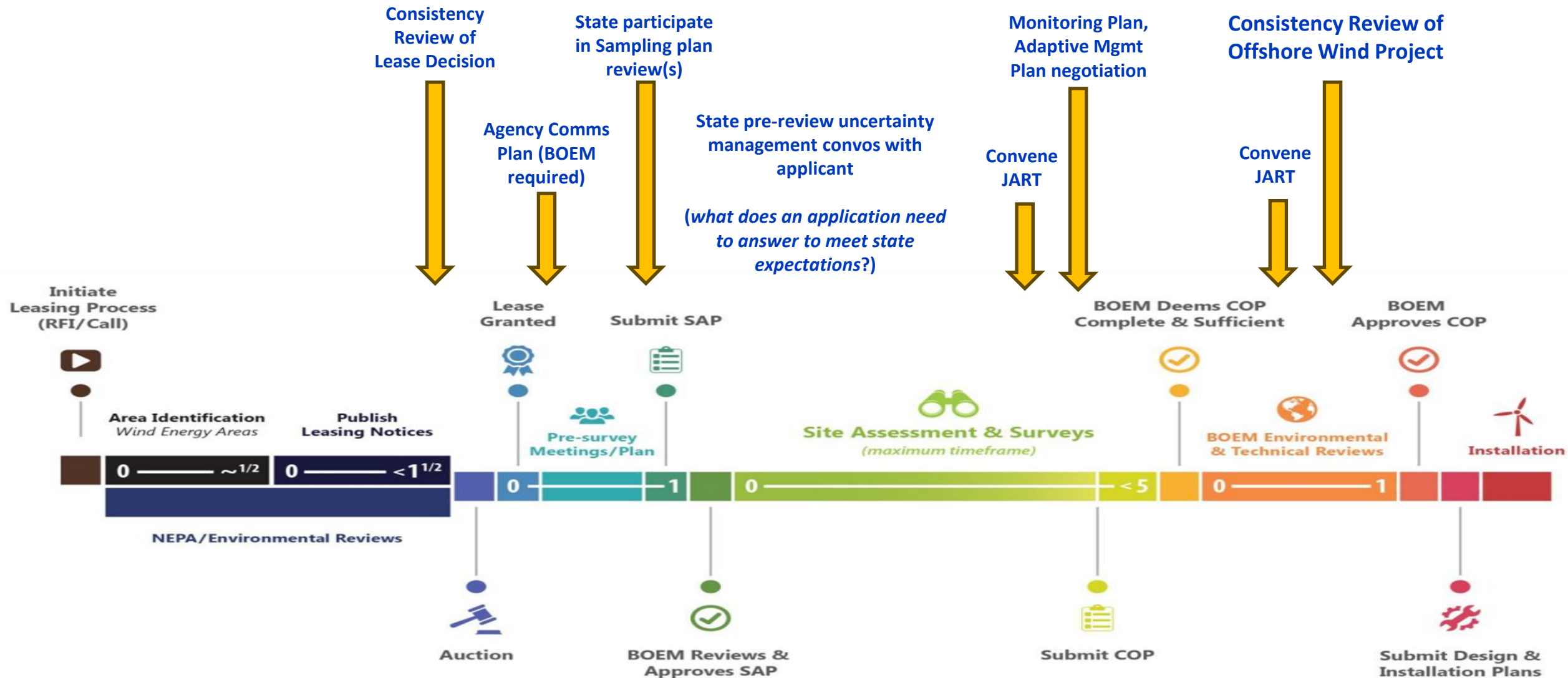








# BOEM Process – Early State Coordination Opportunities



# Engagement by Phase



## Siting/Planning

### Shared understanding:

Ensure people have high quality and complete information

Understand the process

Address misinformation

### Community engagement:

Clear plan that defines who leads, who participates and how, and for what purpose at each phase

Gather and communicate past comments

The “who” for transmission will be different

### Public participation in government decisions:

Clear roles and authorities for participants

Clear points where public can influence decisions

Meetings and comment methods are accessible

### Tribal consultation and engagement:

Maintain Tribal table

## Leasing

### Shared understanding:

Effects of leasing vs. project; what do we need to know before leasing?

### Community engagement:

Ongoing advisory body

Check for satisfaction to adapt process if needed and be accountable

### Public participation in government decisions:

Consolidate asks

Be transparent

Show how comments do or do not influence decisions (what was done with feedback, a response on accept/not accept and why)-- Communication should be a two-way street—THIS NEEDS TO HAPPEN AT ANY TIME COMMENT HAS BEEN ASKED needs to be timely

## Permitting

### Shared understanding:

Is a project consistent with our policies and values? Are we managing uncertainty and risk responsibly? Engagement re: agreements to secure our interests?

### Community engagement:

Ongoing advisory body (JART; OPAC; research collaborative; others?)

### Public participation in government decisions:

Avoid participant fatigue

Formal comment

### Tribal consultation and engagement:

Formal consultation

## Operations

### Shared understanding:

Stay abreast of what’s happening and what we’re learning. Accountability to the fidelity of the process.

### Community engagement:

Ongoing advisory body

Check for satisfaction to adapt process if needed and be accountable

### Public participation in government decisions:

Adaptive management

### Tribal consultation and engagement:





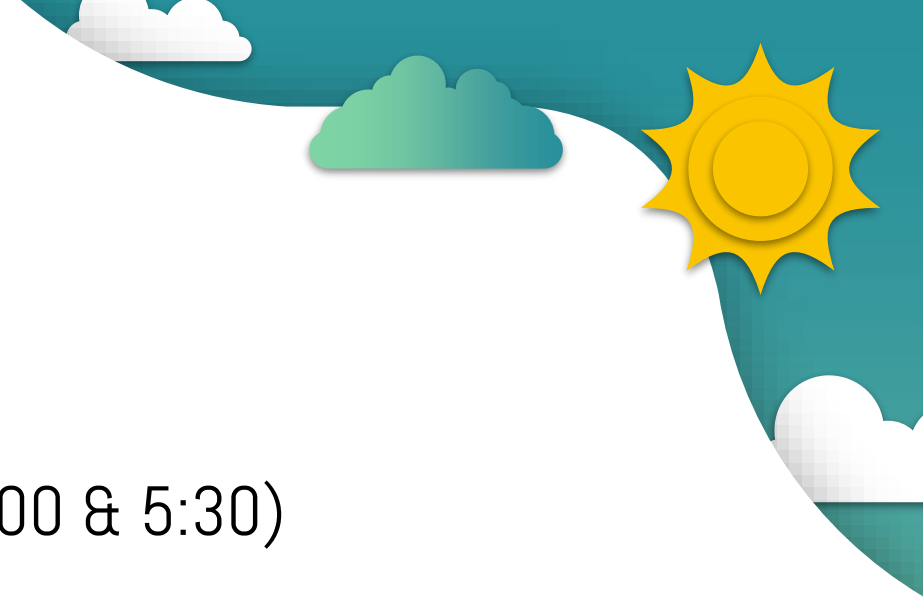
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## Engagement Updates

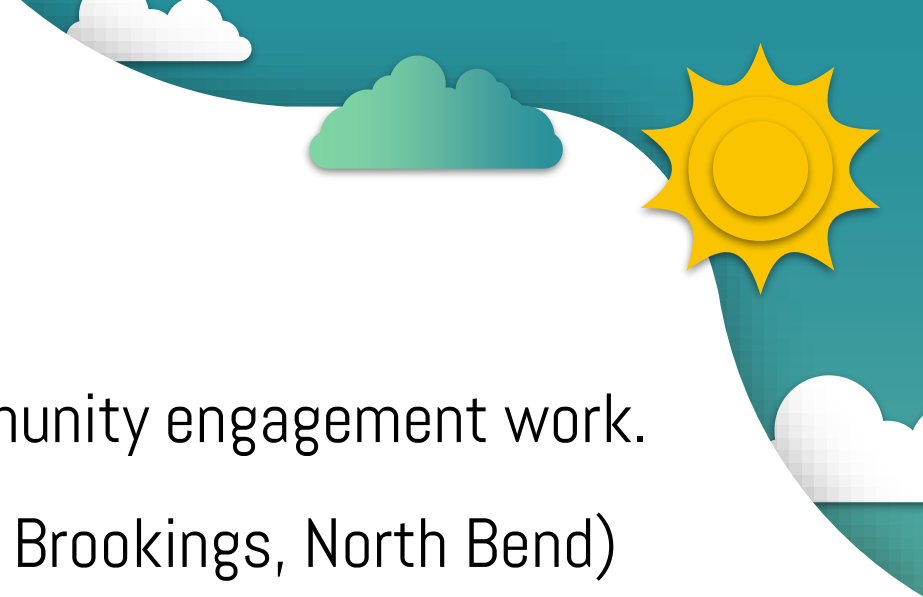


# Summer Activities

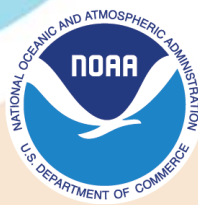


- Virtual Public Meeting - July 9th, 5:30 PM
- Virtual Meeting (fishery focus) on July 10th at 12:00 & 5:30)
- Work Groups: Research Agenda & Community Enforceable Agreements
- “Brown Bags” for specific topics
- Focus Group workshops
- Community Organization discussions
- Fishing community outreach
- Tribal Table discussions
- Research and writing the next Roadmap draft

# Community Engagement



- DLCD contracted with Consor to assist with community engagement work.
- Three public meetings in April/May/June (Seaside, Brookings, North Bend)
- Community Based Organization meetings and outreach
- Focus Group Workshops
- Coastal outreach opportunities for summer/fall
- Storymap (DLCD-led)
- Online Survey



## Our Purpose

To spark discovery, understanding, and collaboration that fosters healthy, inclusive, and resilient coastal communities and ecosystems

## Four Focus Areas

- Environmental literacy and workforce development
- Healthy coastal ecosystems
- Sustainable fisheries and aquaculture
- Resilient communities and economies

## How We Work

**Extension:** Exchange & application of knowledge, partnerships, and communication

**Education:** Lifelong learning, formal & non-formal

**Research:** Use-inspired, co-developed, community-engaged





# Upcoming Webinars



- **July 9th** - Monitoring Ecological Effects at PacWave: Oregon's Wave Energy Testing Facility

Speaker: Sarah Henkel, Oregon State University

Wednesday July 9, 2025 | 10:00 AM – 11:30 AM PT

- **August 20th** - Understanding Marine Mammal and Seabird Distribution to Inform Offshore Wind Energy: The MOSAIC Project

Speakers: Dawn Barlow & Leigh Torres, Oregon State University



Wednesday August 20, 2025 | 10:00 AM – 11:30 AM PT  
[sara.swett@oregonstate.edu](mailto:sara.swett@oregonstate.edu)







# Summer Lunch & Learns

## Thursdays @ Noon

- 12:00 – 1:00 PT, 7/10
- 12:00 – 1:00 PT, 7/17
- 12:00 – 1:00 PT, 8/21
- 12:00 – 1:00 PT, 8/28
- 12:00 – 1:00 PT, 9/4

*Presentations will be recorded  
and shared with the roundtable*

## High Priority Topics

1. California offshore wind overview of state processes / progress
2. Bureau of Safety and Environmental Enforcement (BSEE) role / accountability
3. Effects on Coastal Upwelling
4. Oregon energy needs / landscape
5. Coastal energy resilience
6. Workforce (BGA?)

## Other Topics to Consider

- West Coast / Oregon transmission
- Regulatory process overview
- Supply chain / ports
- Offshore wind economics
- Local energy economics – utilities
- Scenic resources / viewsheds
- Tribal perspectives on offshore wind
- Cabling / onshore impacts



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**Where to this Summer?**



# Summer Pause, Fall Return – Small Group Reflection

- What's one thing you're proud of or grateful for from our Roundtable work so far?
- What's a conversation we still need to have this summer — even informally — to keep momentum?
- What are you personally committed to doing this summer to support the Roadmap? And what do you want to bring back in the fall?

# Public Comment Part II



# Questions? Public Comment?

At any time (during a meeting or in between) submit a question or public comment:

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→ Or email:

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The background is a stylized, layered landscape. At the top, a teal sky contains a bright yellow sun with rays in the upper right and several white and green-tinted clouds. Below the sky is a large white curved shape. The bottom section features rolling hills in shades of green and yellow. A dark teal city skyline with several buildings is visible in the distance. Two large, rounded trees with yellow-green foliage stand on the left and right sides of the lower half.

# Closing & Next Steps