



BOEM Bureau of
Ocean Energy Management

Pacific Region: Offshore Wind and Fisheries

NAS Standing Committee on Offshore Wind and Fisheries

April 26, 2023

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Bureau of Ocean Energy Management (BOEM)



Mission: Manage the development of U.S. Outer Continental Shelf (OCS) energy and mineral resources in an environmentally and economically responsible way

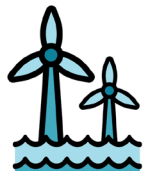
BOEM's Jurisdiction on the U.S. West Coast

- OCS extends from 3 to 200 nautical miles off the coast of California, Oregon, and Washington
- Excludes National Marine Sanctuaries





California Lease Sale Results



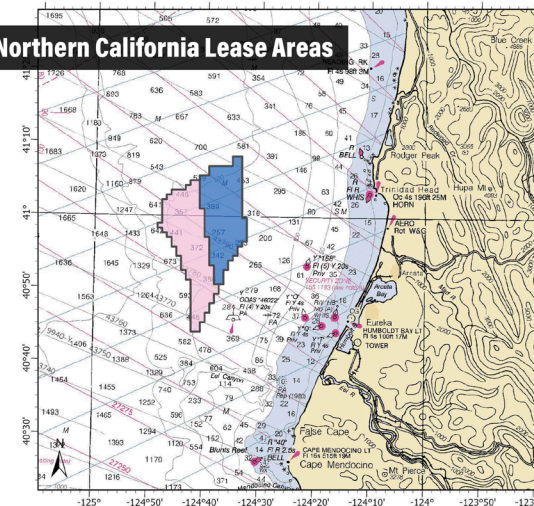
LEASE
AREA

Provisional Winners of the California Lease Areas, \$757,100,000 in High Bids

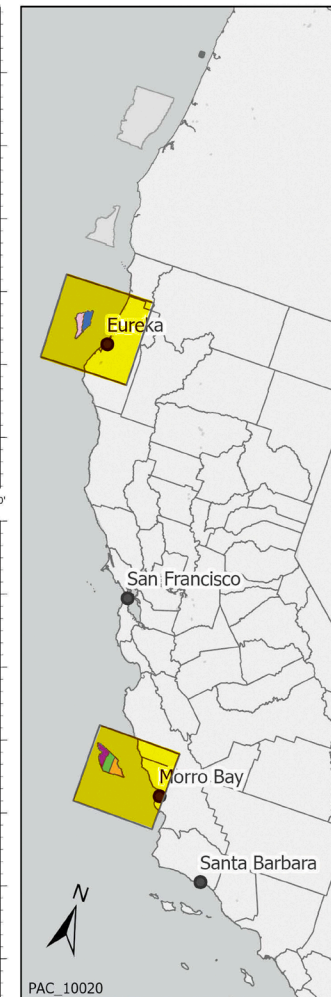
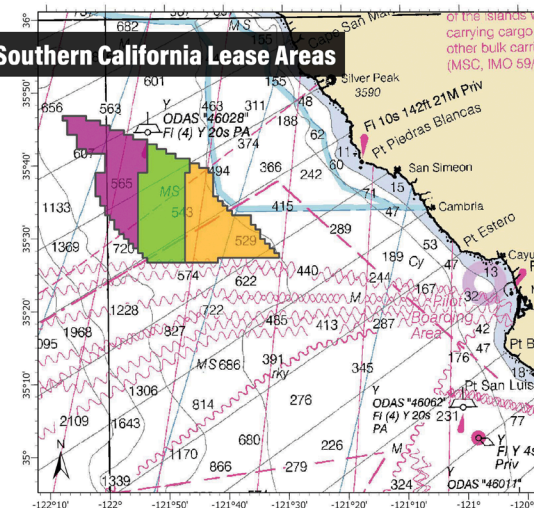
OCS-P0561	RWE Offshore Wind Holdings, LLC	\$157,700,000
OCS-P0562	California North Floating LLC	\$173,800,000
OCS-P0563	Equinor Wind US LLC	\$130,000,000
OCS-P0564	Central California Offshore Wind LLC	\$150,300,000
OCS-P0565	Invenergy California Offshore LLC	\$145,300,000

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Northern California Lease Areas



Southern California Lease Areas



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Lease Requirements for Communications, Engagement, and Reporting

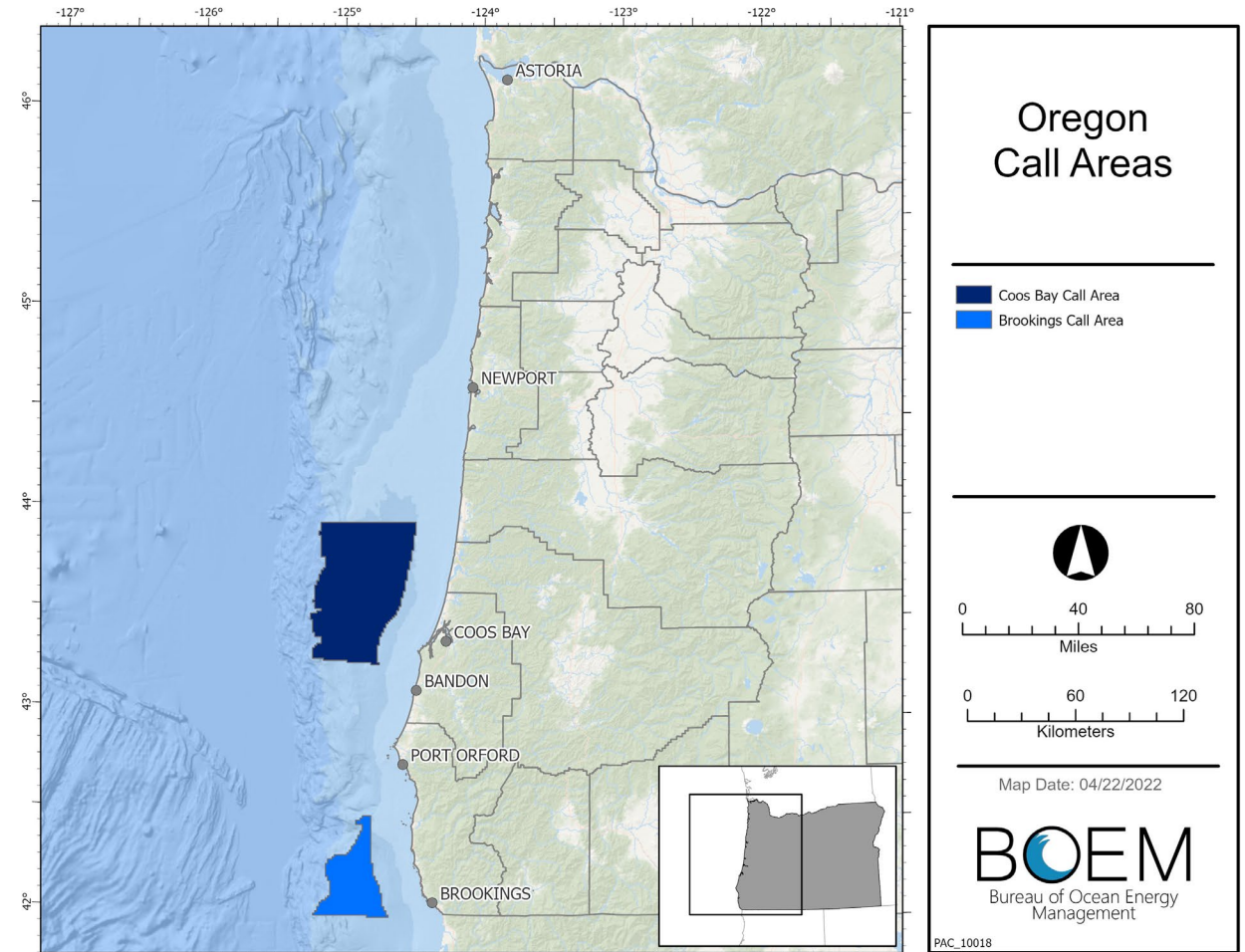
- 3 required communications plans:
 - Native American Tribes Communications Plan (Lease Addendum C, 3.1.2)
 - Agency Communications Plan (3.1.3)
 - Fisheries Communications Plan (6.2)
- Engagement (3.1.1): The Lessee will make reasonable efforts to engage with Tribes and parties that may be potentially affected by the Lessee's project activities on the OCS, including, but not limited to:
 - Coastal communities
 - Commercial and recreational fishing industries and stakeholders
 - Educational and research institutions
 - Environmental and public interest non-governmental organizations
 - Federal, state, and local agencies
 - Tribes
 - Mariners and the maritime industry
 - Ocean users
 - Submarine cable operators
 - Underserved communities, as defined in Section 2 of Executive Order 13985
- Coordinated Engagement (3.1.4): To the maximum extent practicable, the Lessee must coordinate engagement activities with other regional lessees...to decrease the communication and consultation burden
- Progress Report (3.1): Every 6 months, describe overall progress, document engagement



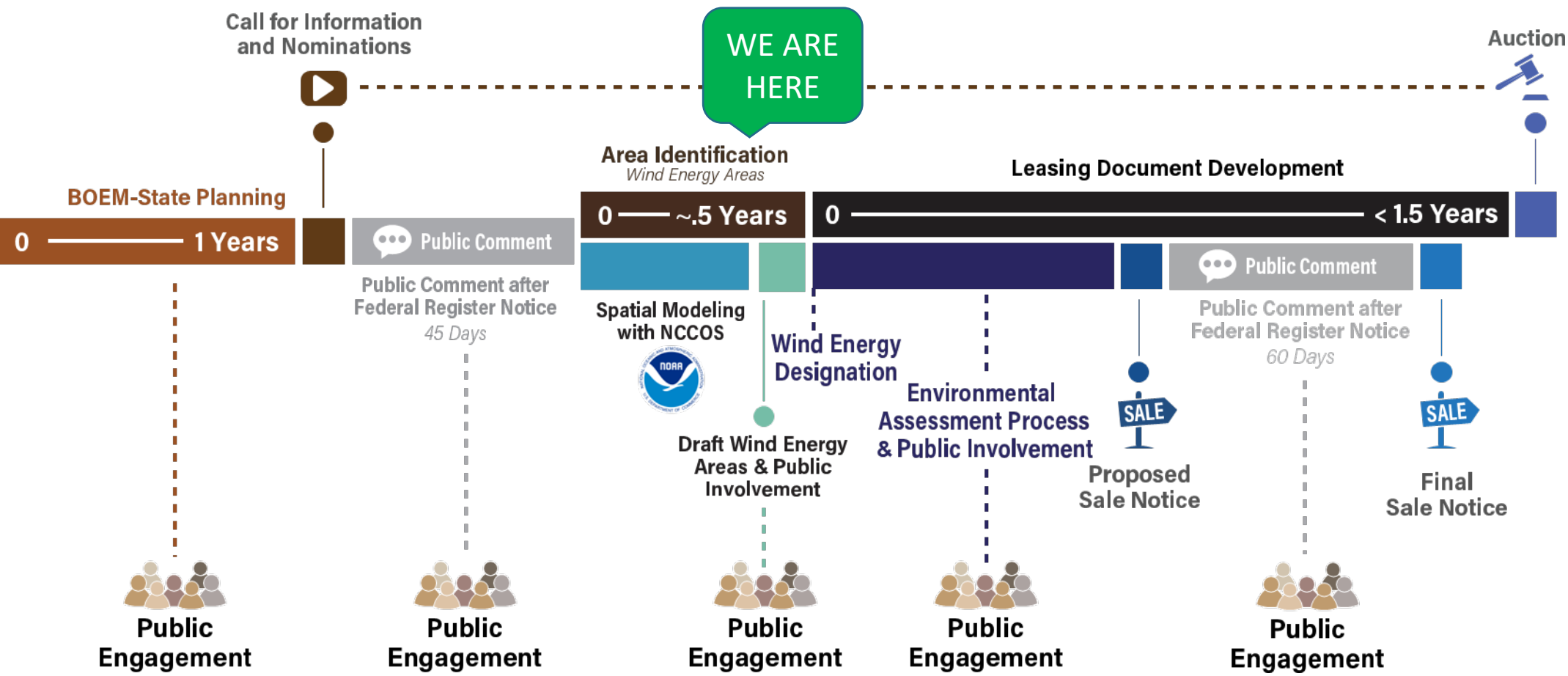


Oregon Call Areas

- BOEM published a Call for Information and Nominations (Call) on April 27, 2022 to assess commercial interest in -- and obtain public input on -- potential wind energy leasing activities in Federal waters off the coast of Oregon.



BOEM Offshore Wind Authorization Process for Oregon



BOEM/NOAA NCCOS Partnership

- On September 16, 2022, BOEM announced that it was enhancing its process to identify future Wind Energy Areas (WEAs):
 - Incorporates best available science and modeling, including application of NOAA NCCOS spatial modeling
 - Collaborated with NOAA NMFS and Oregon Department of Fish & Wildlife on fishing data
 - Leverages data from OROWind Map
 - Commitment to providing draft WEAs for public comment prior to completion of Area Identification

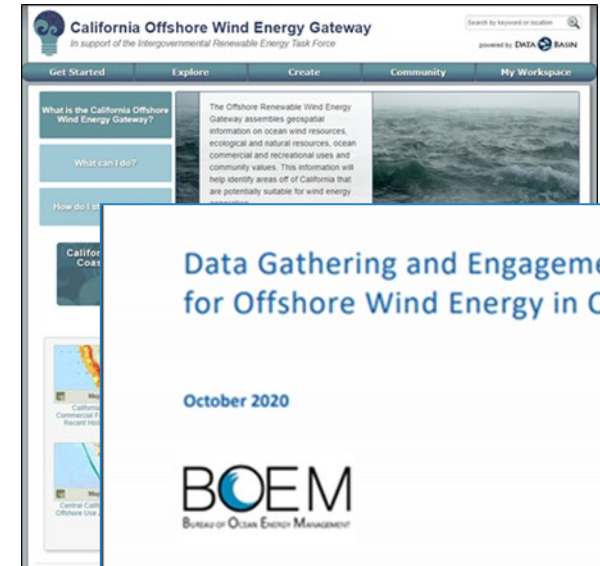


Tribal and Stakeholder Engagement Approaches

BOEM has a **long history of engagement** with Tribes, the public, developers, and other participants in the offshore wind industry, including commercial and recreational fishers. In the Pacific, various tools are used to **increase the effectiveness of engagement**.

Engagement and Outreach Tools

- Tribal consultations
- Data Gathering and Stakeholder Engagement Plans in Collaboration with State Partners Prior to Call
- Reports on Results of Engagement to inform the Call
- Publicly available data portals
- Posting frequent updates on BOEM website
- Notices (Notice to Stakeholders, Federal Register Notices) at key point in the leasing process
- Task Force meetings
- Other Public meetings
- Focused groups – scheduled or coinciding with standing meetings
- Coordination with the Pacific Fisheries Management Council (PFMC) and their adhoc Marine Planning Committee (MPC)



Data Gathering and Engagement Plan for Offshore Wind Energy in Oregon

October 2020



BOEM Regularly Engages with Fisheries Constituents

- BOEM and the States of California and Oregon have conducted extensive outreach to identify and collect relevant data, information, and input on the Offshore Wind Energy Planning process.
 - California Offshore Wind Energy Planning Outreach Summary Report (September 2018) and Addendum (June 2021)
 - Oregon Offshore Wind Energy Planning Data Gathering and Engagement Summary Report (January 2022)

BOEM Constituent Meetings Include:

- Tribal consultations
- BOEM NEPA for California
- BOEM Outreach meetings related to leasing
- BOEM Task Force
- **Fishing, Commercial**
- **Fishing, Pacific Fishery Management Council (PFMC)**
- **Fishing, Recreational**
- **Fishing – Mitigation**
- State Agencies
- Coastal Community, City Council
- Industry, Maritime Community
- Industry, Offshore Wind
- Research and Academia
- Offshore Wind Meetings/Conferences
- Environmental Non-Government Organizations



What Fishing Concerns Have We Heard?

- Interest in understanding the economic impacts and opportunities (e.g., jobs, tourism, port and shoreside infrastructure) associated with offshore wind development.
- Interest in understanding the potential socioeconomic impacts to fishing activities and long-term impact on the livelihood of fishermen and other ocean users.
- Concern about potential impacts to their current activities and long-term livelihood.
- Concern over communication and engagement with BOEM and other agencies and offered suggestions for improving it.
- Discussion about which economic mitigation should be provided.
- Concern about data being missing or inaccurate.
- Concerns about who would be accountable for enforcing community benefit agreements.
- Concerns about accountability for maintaining infrastructure and addressing potentially dangerous issues after construction.



What is BOEM's Response to These Concerns?

- Using best available data
 - California Polytechnic University, Pacific States Marine Fisheries Commission (PSMFC), National Marine Fisheries Service, and Oregon Department of Fish and Wildlife (ODFW)
- Collaborating with NMFS, PSMFC and states' Dept of Fish and Wildlife to link fishing effort data with economic data (landings, ports etc.)
- Developing Fisheries Mitigation Plan
- Requiring Fisheries Communication Plan
- Enhancing process for determination of areas for leasing (NCCOS)
- Funding studies on economic and port impacts (see our [Environmental Studies](#) program)
 - [Socioeconomic Characterization of West Coast Fisheries In Relation to Offshore Wind Development study](#)
 - [Using Outcomes from Marine Protected Area Implementation to Infer Potential Socioeconomic Consequences of Offshore Energy Development to Commercial Fisheries](#)





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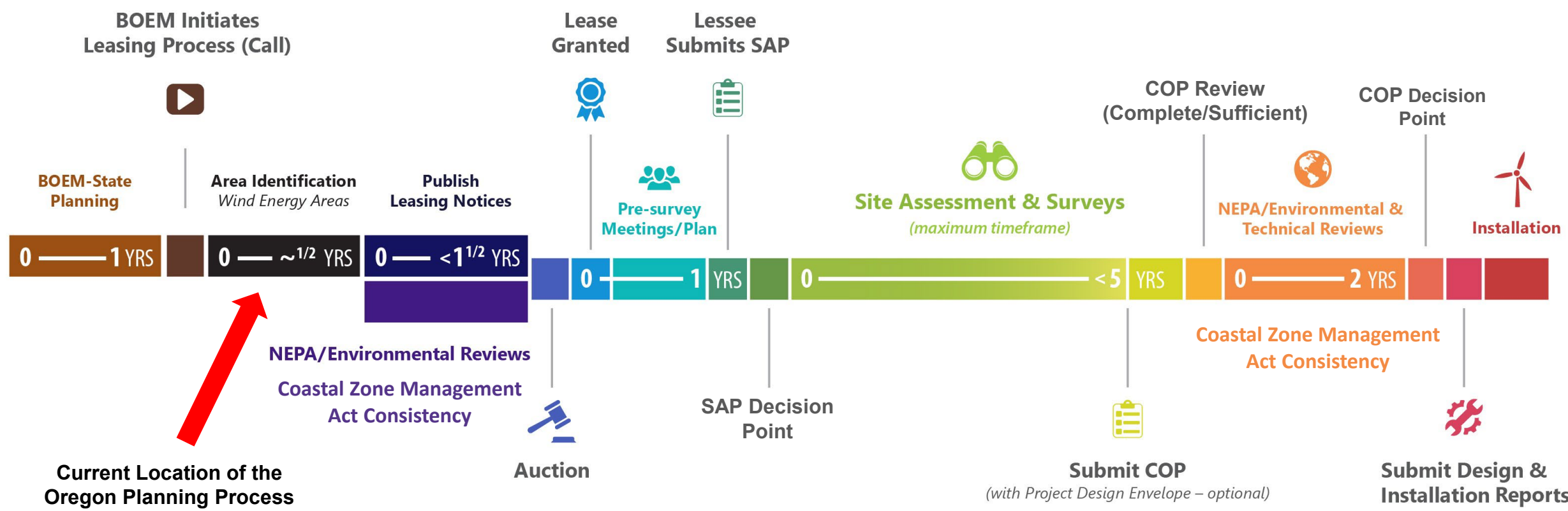


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BOEM Commercial Offshore Wind Authorization Process: Oregon

[Planning & Analysis] [Leasing] [Site Assessment] [Construction & Operations]



BOEM welcomes Tribal Consultation throughout the process.



BOEM Commercial Offshore Wind Authorization Process: Planning through Operations

