PMEC
Pacific Marine Energy Center
NOW: Big Ideas
UAF
UNIVERSITY OF
ALASKA
FAIRBANKS
Oregon State
University
UNIVERSITY of
WASHINGTON

Big Motivations and Ideas

- Inaction is not a solution, the world is changing.
- Acknowledge risk – we will never have all the answers.
- Global collaboration to solve complex challenges.
- Solutions need to be focused and community transparent.
- Innovators and innovations will always be needed.

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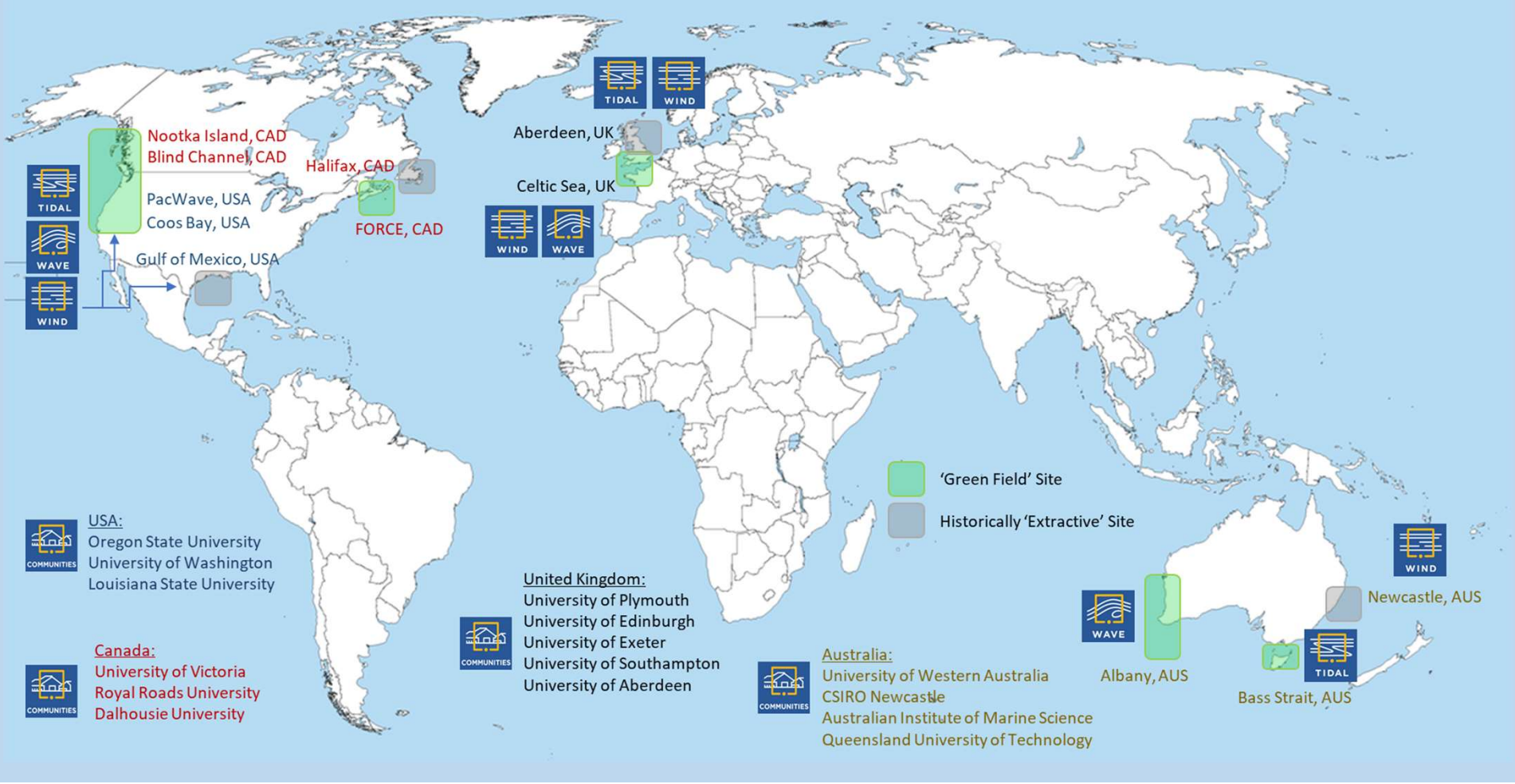
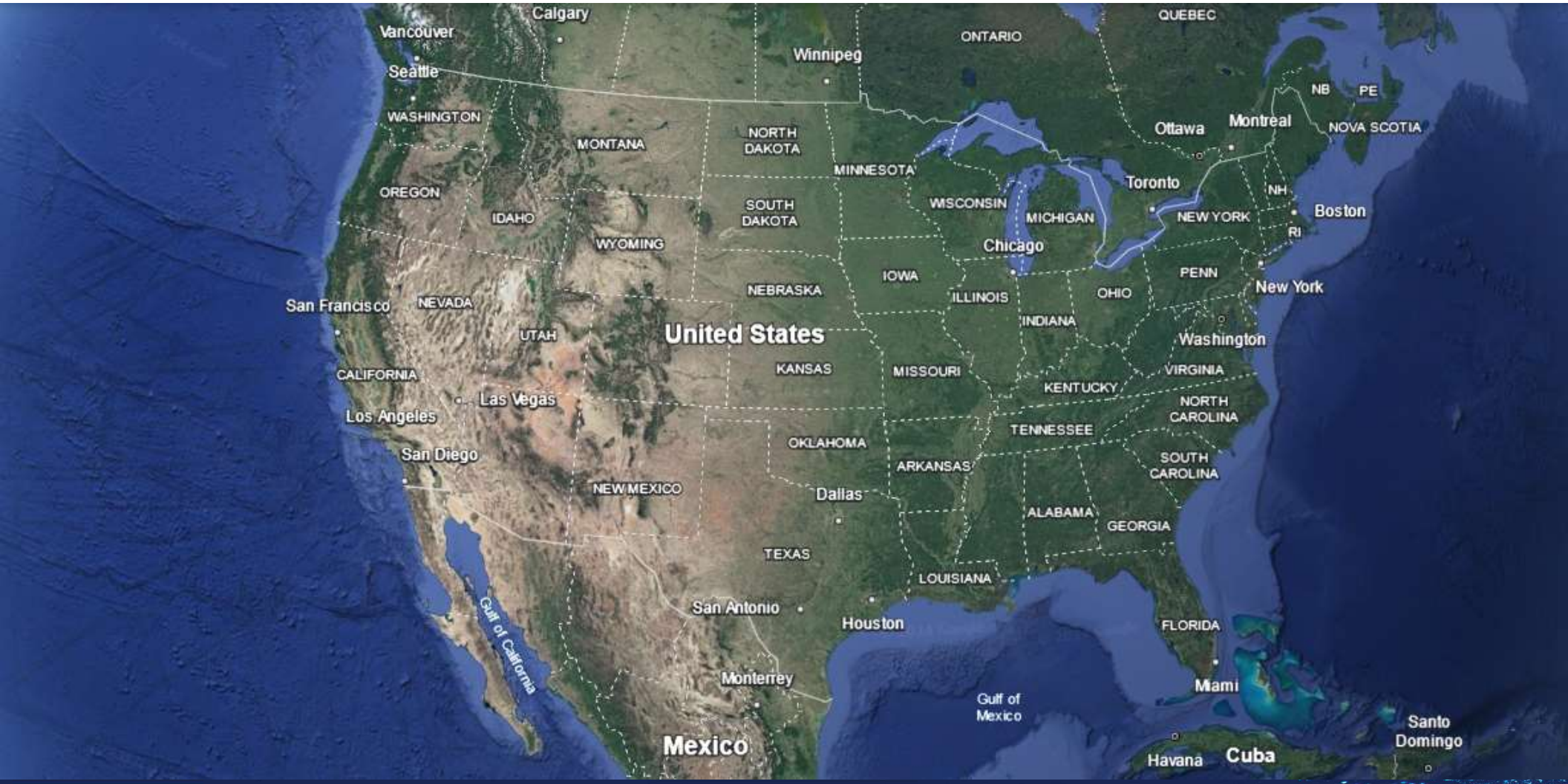
National Science Foundation Global Center

‘Reimaging Ocean Renewable Energy” Center





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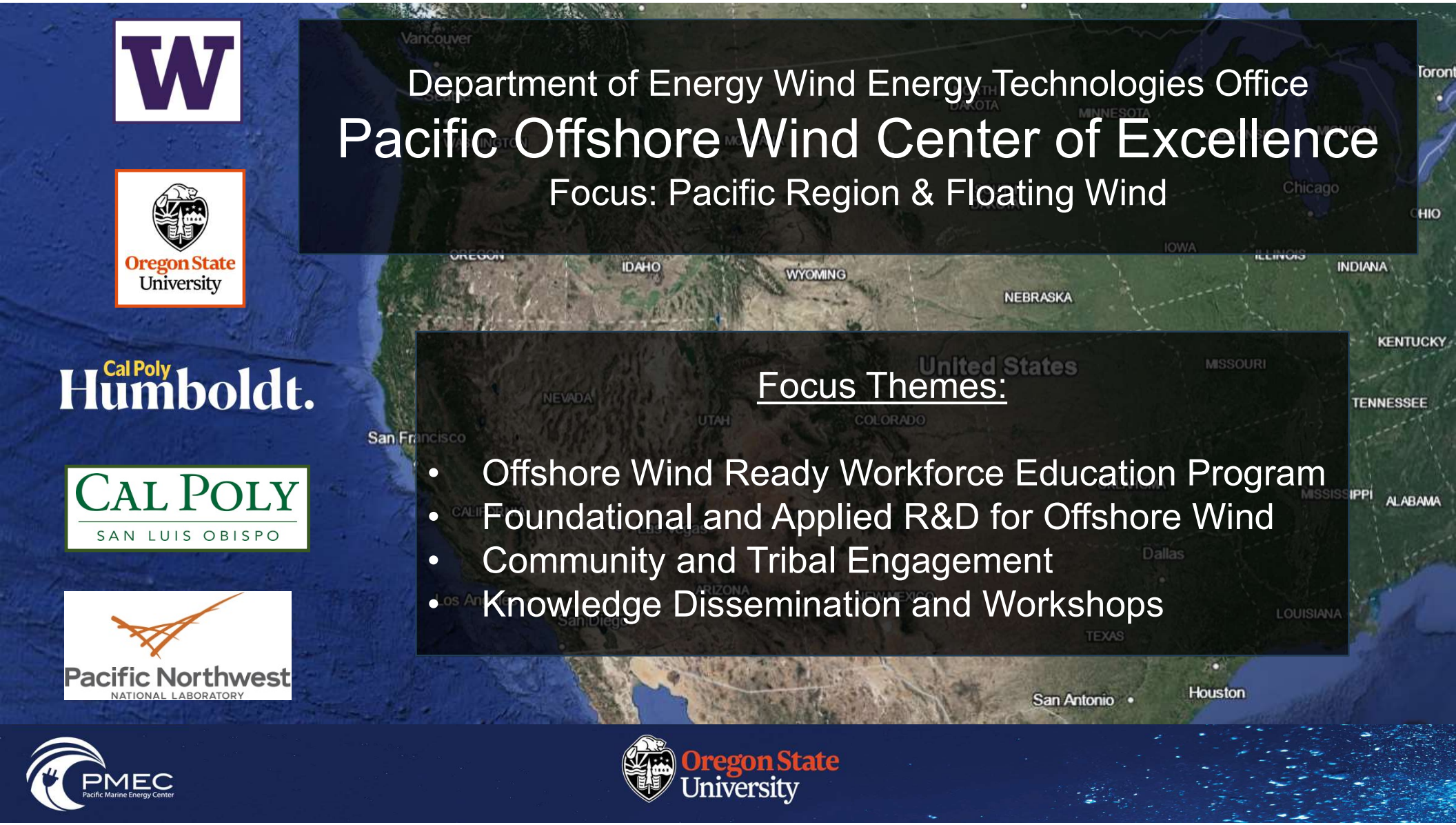

Department of Energy Wind Energy Technologies Office

Pacific Offshore Wind Center of Excellence

Focus: Pacific Region & Floating Wind

Focus Themes:

- Offshore Wind Ready Workforce Education Program
- Foundational and Applied R&D for Offshore Wind
- Community and Tribal Engagement
- Knowledge Dissemination and Workshops

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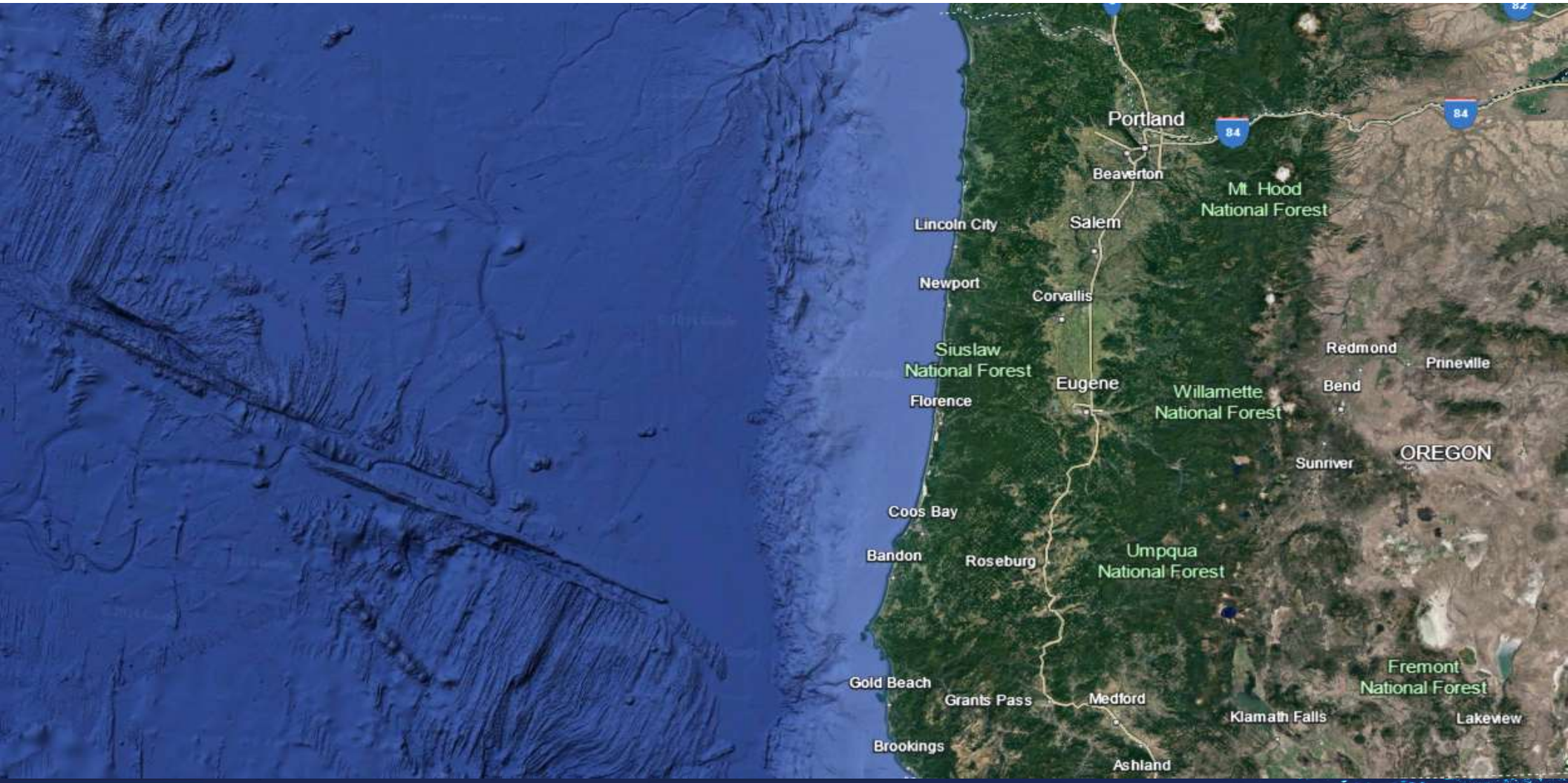

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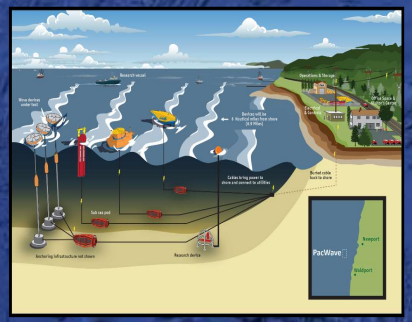
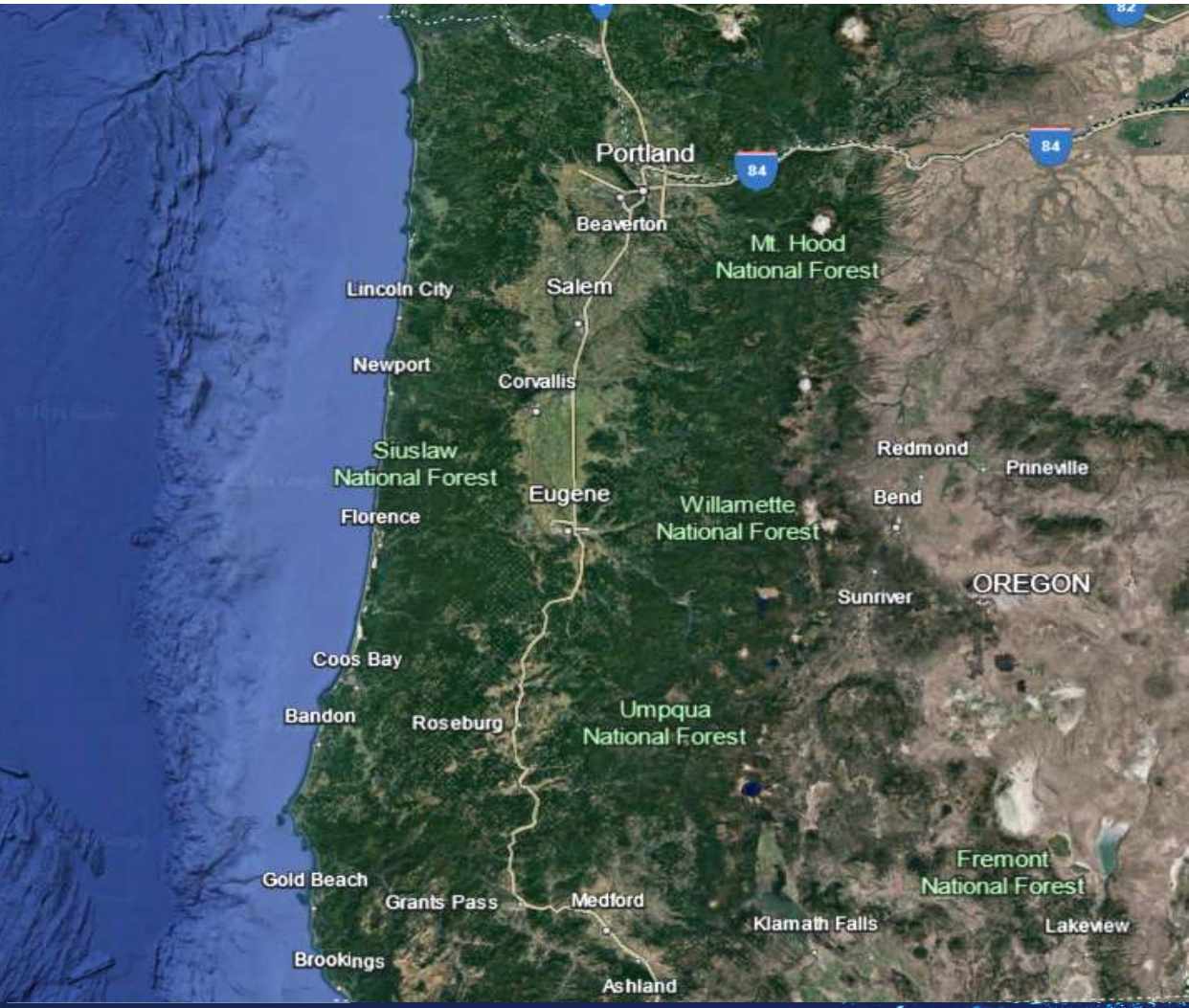
PacWave

O.H. HINSDALE WAVE RESEARCH LABORATORY
OREGON STATE UNIVERSITY



Oregon State University
Hatfield Marine Science Center

WESRF
Wallace Energy Systems & Renewables Facility



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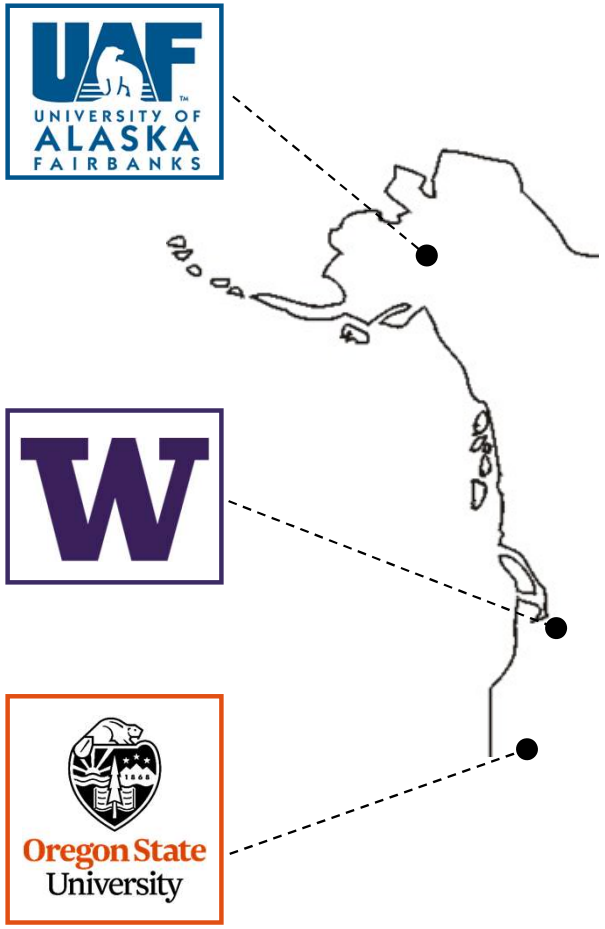

Pacific Marine Energy Center

Jointly directed by OSU, UW & UAF

Vision

Connecting people to the power of the ocean

Mission

Responsibly advancing marine energy by expanding scientific understanding, engaging stakeholders, and educating students

PMEC Strategic Focus Areas

Research & Development • Education • Testing

Technical

Testing and Demonstration

Wave/Wind Forecasting

Survivability and Reliability

System Optimization

Maritime Robotics

Environmental

Sediment Transport

Marine Mammals

Benthic Ecosystems

EMF and Acoustics

Site Characterization

Social

Fisheries and Crabbing

Outreach and Engagement

Existing Ocean Users

Local and Oregon Economy

International Competitiveness

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