

Oregon Wave Energy Trust: A Public-Private Partnership

Jason Busch, Executive Director OWET/POET

Promoting Responsible Development of Ocean Energy

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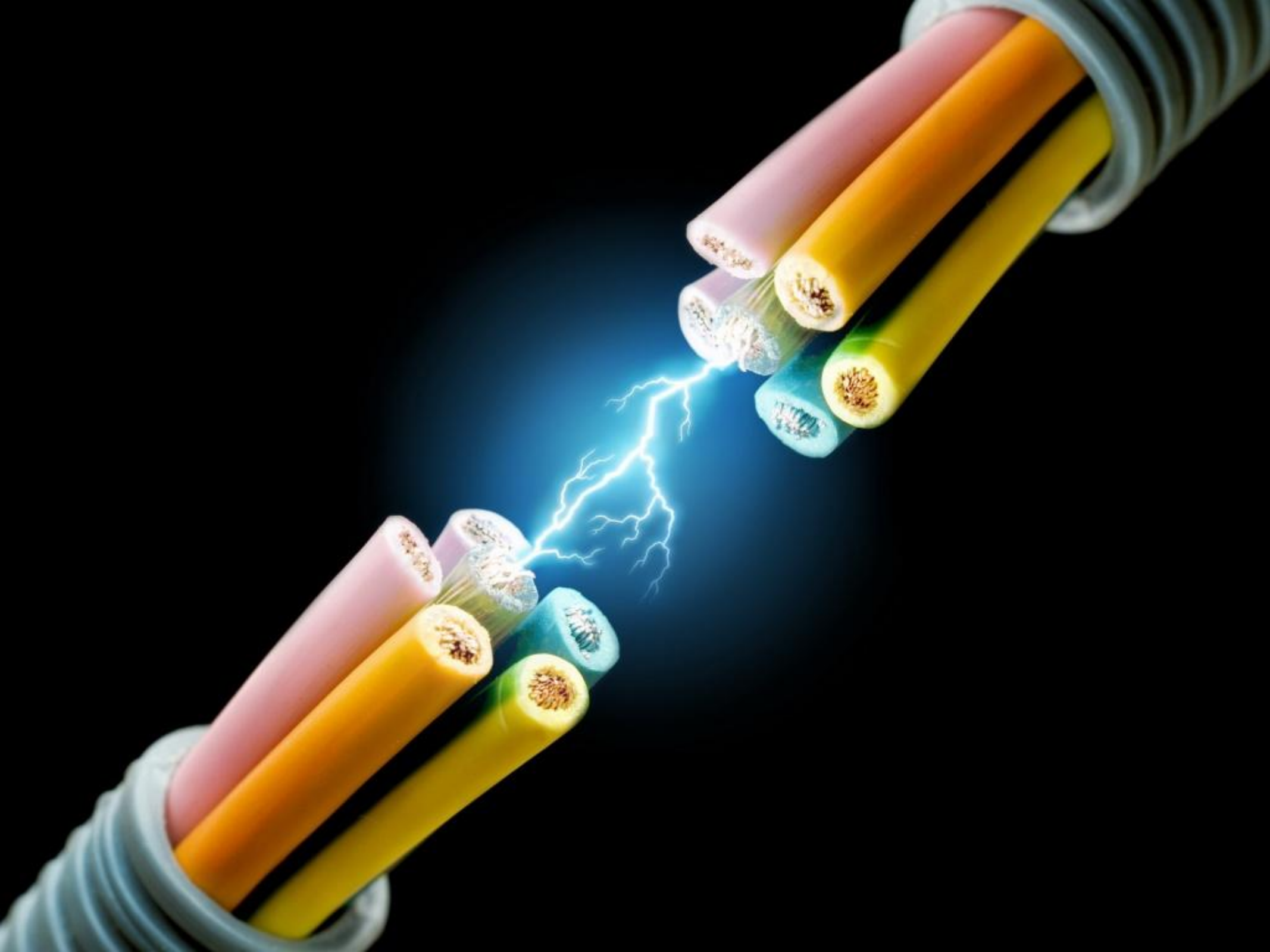




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The End

A Changing World





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Oregon Wave Energy Trust (OWET)

- ▶ Nonprofit public-private partnership funded by the State.
- ▶ Mission: to support the responsible development of wave energy in Oregon
- ▶ Vision: to create and attract an ocean energy industry in Oregon that leads to a significant addition to the state's economy, creating family wage jobs, and increasing our per capita income

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Oregon Wave Resource and Infrastructure

- ▶ Best wave resource in continental United States - EPRI
- ▶ Existing sub-stations capacity able to absorb ~430 MW
- ▶ Grid infrastructure available
- ▶ Close to load and increasing coastal population
- ▶ World-class academic support – OSU/NNMREC
- ▶ Manufacturing, transportation, deployment

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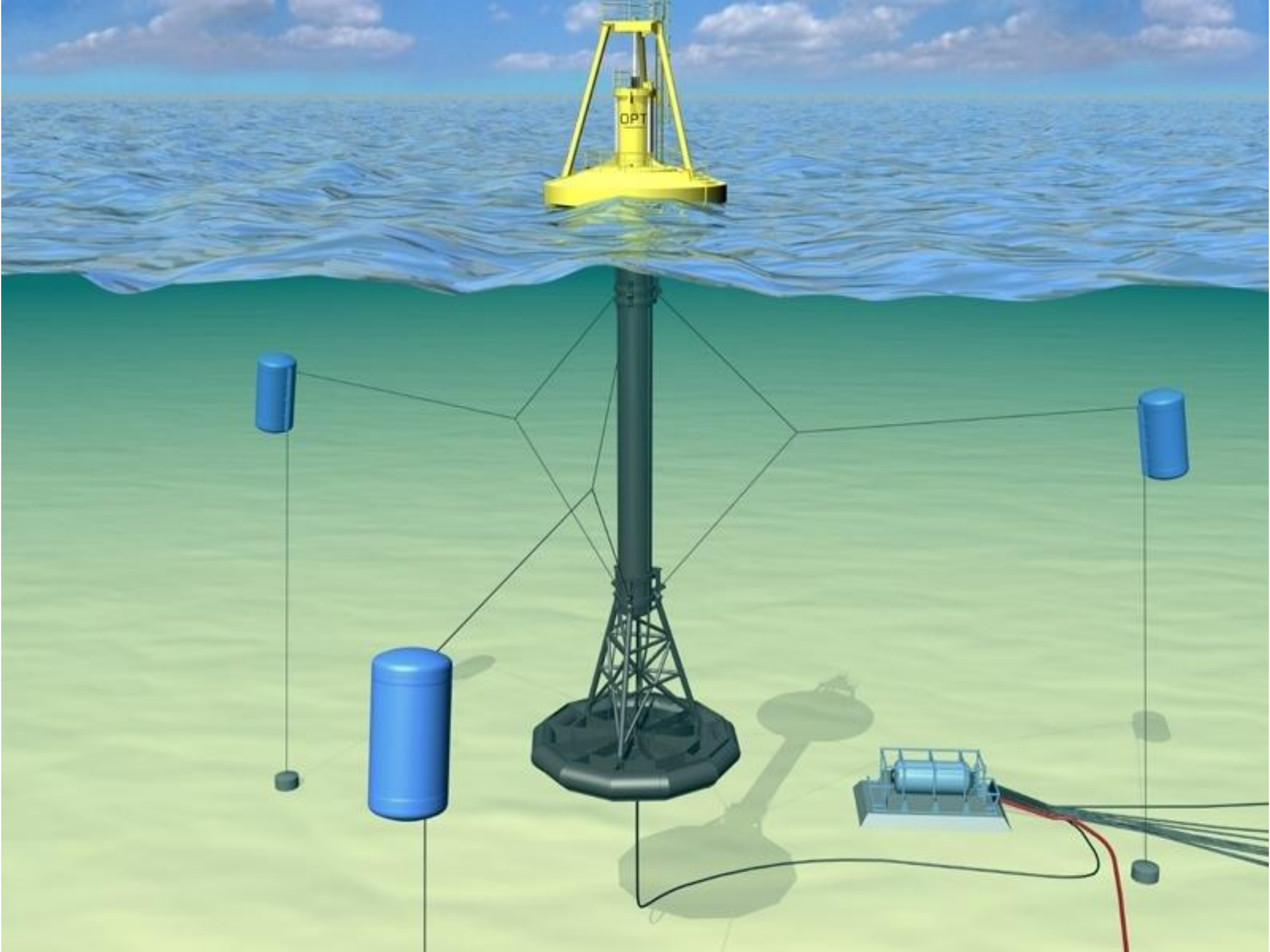
Ocean Power Technologies



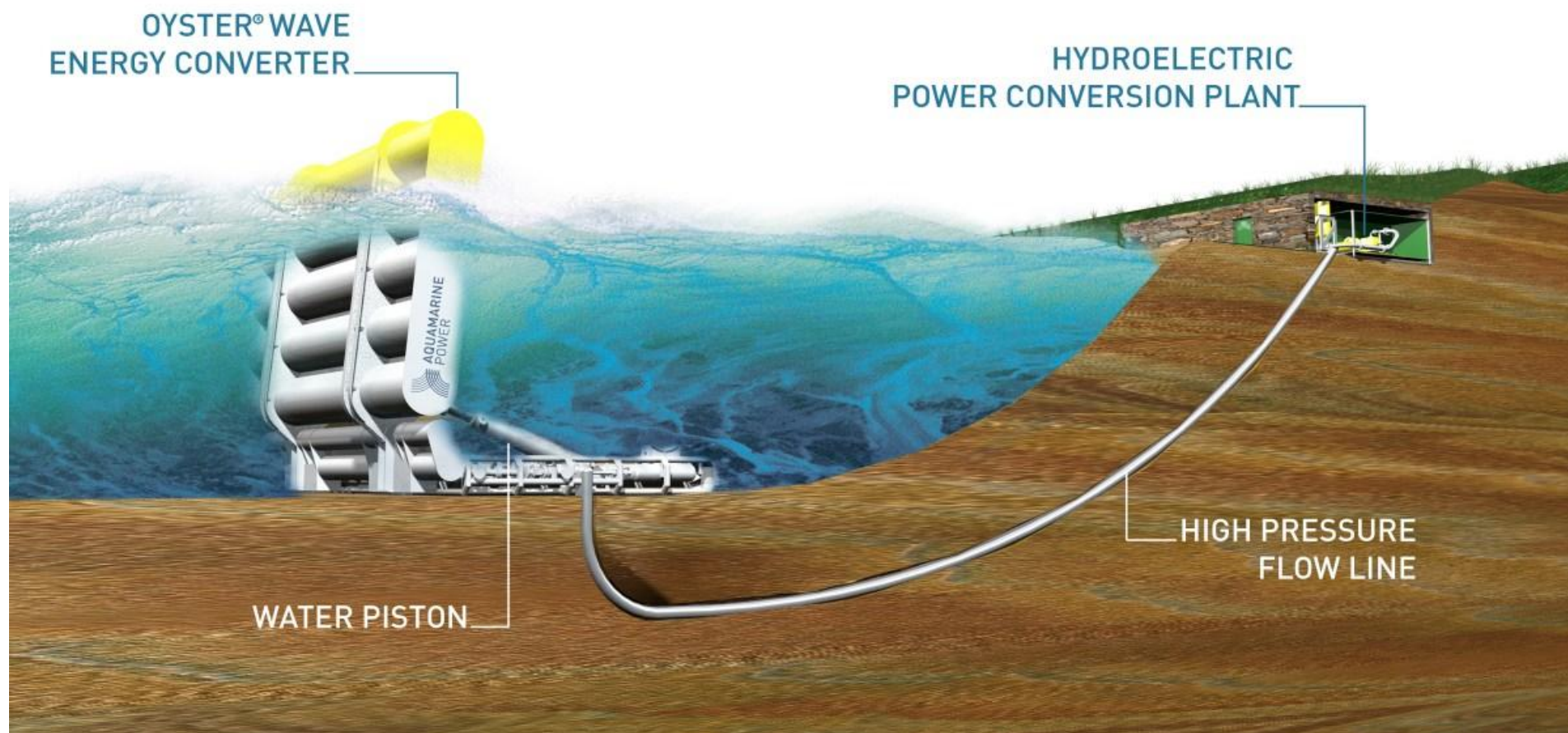
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Aquamarine Power

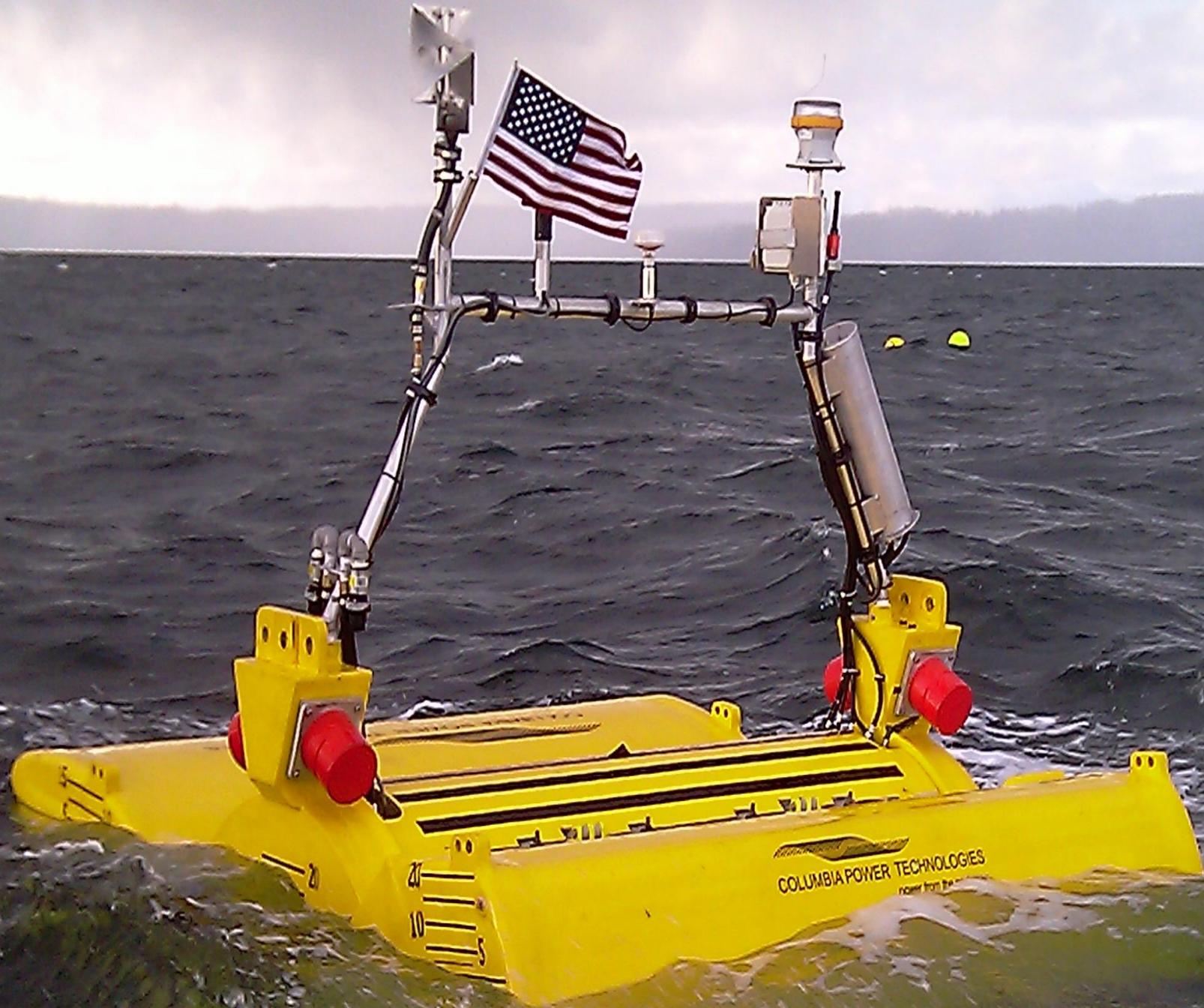




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M3 Ocean Energy – Oregon Grown







OWET Programs

- Education and Outreach
- Research and Development
 - Environmental Studies
- Policy and Regulatory
- Market Development

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Environmental Studies

- Baseline Characterization of Benthic Habitat
- Baseline Seabird Assessment
- Bird Radar Study
- Cumulative Effects Analysis
- Dungeness Crab and Fish Baseline
- Ecological Effects Workshop
- Marine Mammal Study
- Oregon Dungeness Crab Tagging
- Acoustic Characterization Study
- Assessment of Underwater Noise by WECs
- EMF Field Measurements



Partners

- Private Industry
- State and Local government

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Partners

- Federal government
 - DOE – Wind and Water Power Program - \$34mm
 - DOD
 - BOEM/NOAA/FERC
 - NSF – Energy for Sustainability
- National University Research Centers
 - NNMREC – Northwest National Marine Renewable Energy Center
- National Labs – NREL and PNNL

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Questions?

www.oregonwave.org

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