

U.S. DEPARTMENT OF
ENERGY

Office of
**ENERGY EFFICIENCY &
RENEWABLE ENERGY**

water

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WATER POWER TECHNOLOGIES OFFICE

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Water Power Technologies Office, US Department of Energy

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Distance from Shore for Primary Market Activities

Nearshore (<2 nautical miles)

Offshore (>2 nautical miles)



POWERING the BLUE ECONOMY™

Launched in 2019, Powering the Blue Economy (PBE) identified markets far out at sea such as ocean observing and marine science that can benefit from energy supplied from the ocean – wave, tidal, current, thermal, pressure, and salinity.

PBE Supports marine energy technical innovation and testing to develop solutions that can enhance ocean science

Current Portfolio of Activities



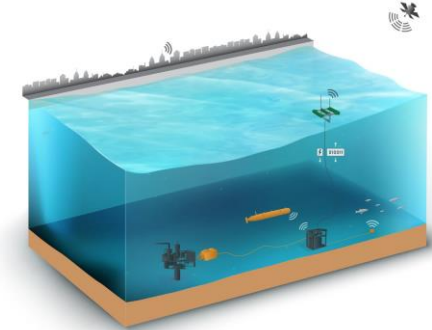
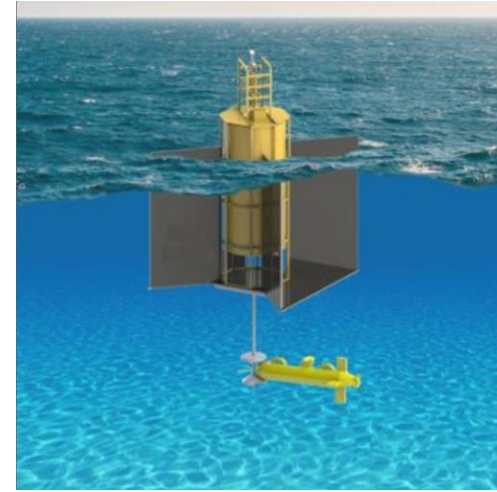
WAVES TO WATER



POWERING
the BLUE ECONOMY™

Marine Energy Collegiate Competition

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Powering the Blue Economy™

OCEAN OBSERVING PRIZE

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NOAA

ENERGY RESILIENCE IS ON THE HORIZON. APPLY NOW.

Photo from Givvy Kochanowski, DOE Office of Indian Energy



Oneka
onekawater.com

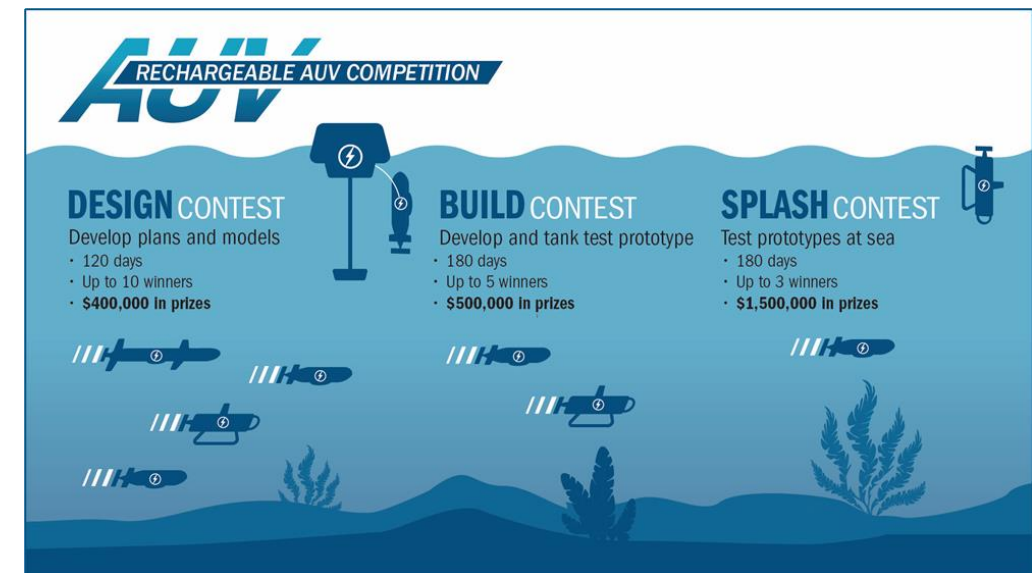


Build to Scale Program
the Office of INNOVATION and ENTREPRENEURSHIP

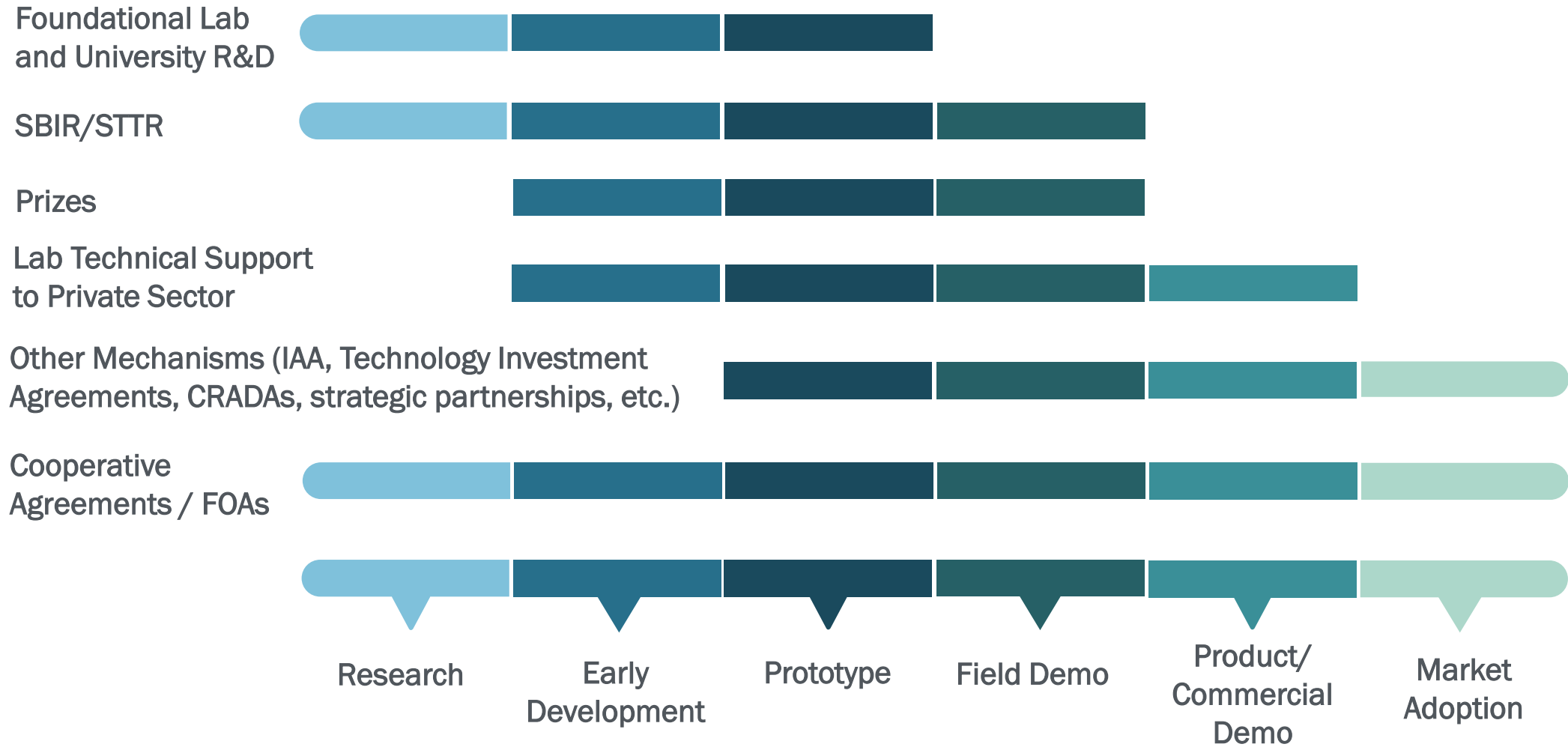


Potential Opportunities for Collaboration

- Identify power and other needs of the OOI community that can benefit from marine power
 - Could help inform ideas for funding solicitations, prizes, partnerships, etc.
- Foster connections between marine energy technology developers and ocean scientists
- Develop interagency projects and programs
 - Similar to the ocean observing prize
- Support marine technology integration and ocean deployments to enhance ocean science
 - **Pioneer Array may be an opportunity for a pilot or demonstration**



Financing Mechanisms for Technology Development





Thank you!