

OCEAN MOTION TECHNOLOGIES, INC.

San Diego, California | www.oceanmotion.tech

- Our innovative wave energy system initially targets off-grid, small-scale, low-power applications



- Incumbent power solutions are suboptimal at sea
- Routine maintenance and services cost orders of magnitude higher than the initial unit cost
- These challenges severely limit ocean data collection



Adaptive Point Attenuator

The world's first adaptive ocean wave energy converter controlled by an advanced artificial intelligence system. This enables the device to adapt to ambient sea states for power optimization.

- A plug-n-play independent power unit that can be installed on most oceanographic buoys
- Specifically designed for ocean observing needs
- Unique design significantly lowers maintenance costs

Validation Interviews with over 50 Stakeholders

- > **10** system integrators
- > **30** Bluetech Manufacturers
- 4** Research Programs
- 3** Non-Profit Organizations
- 2** Regional Municipal Authorities & Policy Makers from **4** Countries



Early-Stage Manufacturing

- In collaboration with the Technology Career Institute – a workforce development facility with a state-of-art machine shop and tooling facility. Our partnership will directly benefit disadvantaged low-income students



System Integration

- To ensure product-market fit, we are collaborating with Gravity Marine – a marine service & consulting firm with extensive experience in system integration, vessel support/deployment, instrumentation, oceanographic surveys, and data analytics.



Official Partner of the U.N.'s Ocean Decade