

Atmocean Attracts Private Equity Funding.

Wave Energy Development Effort Makes Progress In Peru

SANTA FE, NM, USA, November 3, 2015 /EINPresswire.com/ -- Atmocean announced today it has continued to attract funding from private equity investors. The company indicates this is a positive turnaround for the global [wave energy](#) industry which over the past year has seen private sources of capital reduce or eliminate new investments in wave energy companies. By continuing to attract private funding, Atmocean believes it can reach commercial status as soon as 2016.

Arrays of the Atmocean seawater pumps are anchored in 20m water depth typically 1km to 3km from the coast, sending pressurized seawater onshore for [desalination](#), electrical generation, or other applications. The Atmocean system has undergone over 90 days of sea trials, nearly two weeks of wave tank testing, and received seven technical grants from Sandia and Los Alamos National Laboratories as well as Oregon Wave Energy Trust and the UK Technology Strategy Board. The company's zero-electricity reverse/osmosis (ZER/Otm) desalination system has been selected by AquaTech as a leading water technology innovation of 2015.

The ZER/O system produces fresh water from wave energy by integrating Atmocean's wave-driven offshore array of seawater pumps with a renewable-energy desalination module that uses energy recovery to operate without any grid electricity. With this combination, ZER/O can operate entirely off-grid and supply fresh water for remote coastal or island communities, as well be used to drip-irrigate coastal deserts to grow agricultural crops and absorb atmospheric CO₂.

The Atmocean system also has future applications to generate electricity from wave energy, supply aquaculture facilities, and even help remove plastic micro-particles from the ocean. According to Philip Kithil, Atmocean CEO, "The first use of ZER/O will be to drip-irrigate coastal deserts, growing agricultural crops which drawdown atmospheric CO₂. The need for lessening atmospheric CO₂ levels is critical and the scale of this problem is massive. Our projections indicate this market alone could result in installation of over 100,000 systems in the coastal deserts worldwide by 2035. With that volume, our costs will drop dramatically, opening up the wave-driven electricity market which currently



Phase 2 testing kicks off in ILO Peru



View of Atmocean deployed seawater pumps

is not economically feasible.”
For more information, visit
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Pumps assembled in ILO

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attract funding from private
equity investors - a positive
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wave energy industry.

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