



# Pliant energy systems Angola

Pliant Energy Systems specializes in the development of technologies within the marine robotics, energy generation, and pumping sectors. The company's main offerings include amphibious robots, systems for harnessing kinetic energy from flowing water to generate electricity, and passive irrigation pumps.

Pliant Energy Systems patents and develops technologies in the fields of electricity generation, marine robotics, propulsion and pumping. Products under development include the amphibious robot Velox, passive irrigation pumps and generators that harness the kinetic energy of flowing water to generate electricity.

Pliant Energy Systems Awarded \$4.4M Contract from US Office of Naval Research Previous proof-of-concept prototype developed by Pliant Energy Systems \$4.4M contract (with Option) to develop an autonomous, amphibious vehicle with AI enhancements and swarming capability

C-Ray platform is a unique autonomous amphibious vehicle, developed by Pliant Energy Systems in Brooklyn NY, with funding from the Office of Naval Research (Dr. Tom McKenna at ONR). It can use several modes of locomotion found in the animal kingdom using just one pair of fins.

Pietro worked as an architect for ten years before returning to renewable energy concepts...  
Experience: Pliant Energy Systems Inc  
Education: University of St. Andrews  
Location: New York ...

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Pliant Energy Systems has 5 employees at their 1 location and \$4.4 m in total funding,. See insights on Pliant Energy Systems including office locations, competitors, revenue, financials, executives, subsidiaries and more at Craft.

Pliant Energy Systems General Information Description. Developer of technologies designed for marine robotics, propulsion, and energy harnessing. The company's platform harnesses the energy of flowing fluid and makes fluid flow with as little energy as possible, having direct applications in defense, marine propulsion, ocean exploration, and ...

Deep Sea Mining, with Pliant Energy Systems 18 Jan 2021. I followed up with Benjamin Pietro Filardo, founder of Pliant Energy Systems and NACROM, the North American Consortium for Responsible Ocean Mining. Pietro talks about the deep sea mining industry, an untapped market with a massive potential for growth. Pietro discusses the current ...



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Photo: Pliant Energy Systems. Pliant's first prototype, called Velox, can navigate the depths of a swimming pool and the shallow ocean "surf zone" where waves crash into the sand. Inside ...

Pliant Energy Systems is developing radically novel technologies in the fields of energy harnessing, propulsion, irrigation and marine robotics. The company has received funding from the National Science Foundation (NSF), US Dept of ...

Abstract: The TRAVELING WAVE PROPELLER, PUMP AND GENERATOR APPARATUSES, METHODS AND SYSTEMS include force or forces applied to an arc-like flexible sheet-like material to create a deformed crenated strip fin with strained-deformations. The strained-deformations take on a sinusoid-like form that express the internal energy state of the ...

Pliant Energy Systems's key executives include Benjamin Pietro Filardo and 1 others. Benjamin Pietro Filardo. Founder & CEO. Carles Civit. Director of Engineering. Source: pliantenergy . Report incorrect company information. Key Executive Tracking. Receive notifications of key executive changes.

Still, the engineers at Pliant Energy Systems are currently developing a next-gen version called C-Ray, which will likely be utilized to survey the ocean floor for potential hazards, and is funded by the US Navy, who is currently backing the ...



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