

Wave energy systems Spain

Does Spain have a wave energy resource?

With more 4,000km of coastline and surrounded by the Atlantic Ocean and Mediterranean Sea, Spain has an abundant wave energy resource. In September, we were awarded a EUR3,75m (\$6.3m AUD) contract to deliver and operate its CETO wave energy technology in Spain.

What makes Spain a good market for Eco Wave Power?

Spain also has 8,000 km of coastline. The combination of Spain's ambitious renewable energy goals, along with its significant coastline, makes it an optimal market for Eco Wave Power. We are very excited about the collaboration with Port Adriano and would like to thank them for being true wave energy pioneers."

What does Eco Wave Power's new agreement mean for Spain?

The agreement expands Eco Wave Power's presence in Europe and will help Spain achieve its aggressive goals for renewable power, leveraging its significant coastline capacity.

What is Eco Wave Power?

Eco Wave Power is a leading onshore wave energy technology company that developed a patented, smart and cost-efficient technology for turning ocean and sea waves into green electricity. Eco Wave Power's mission is to assist in the fight against climate change by enabling commercial power production from the ocean and sea waves.

What is a wave energy plant?

The wave energy plant was built inside the town's breakwater in 2011 (Credit: Richard Kemeny) The system is designed to get as much from the waves that batter the coast while protecting the turbines from the corrosive effects of the sea water.

Will Spain be able to generate 74% of electricity by 2030?

Inna Braverman, Founder and CEO of Eco Wave Power commented: "When it comes to renewable energy, Spain foresees a sizeable buildout of new renewables capacity to reach 74% of electricity generation by 2030. Spain also has 8,000 km of coastline.

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A fully submerged wave energy converter system designed by Irish company CETO Wave Energy Ireland has passed a crucial step and has been approved for deployment in Basque Country, Spain. NEWS IE...

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scenario and analyzed the suitability to harness wave energy resource with four WECs. Wintertime was chosen because it ...

The Mutriku wave energy plant was officially commissioned by Spanish utility Ente Vasco de la Energía (EVE) in the Basque Country, Spain, in July 2011. The plant generates an output of 296kW, enough to power 250 households. Built with an investment of EUR6.4m, the wave energy project helps reduce 600t of carbon emissions annually.

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In Spain, wave energy has a great potential due to its more than 8.000 km of coastline. Although the commercial development of wave energy is still in its early stages, several pilot projects have emerged that seek to explore this renewable source.

Named after the Greek sea goddess, the CETO wave energy converter is designed to be fully submerged and uses point absorber-type wave energy technology. The device comprises a buoy that moves with the waves a few meters below the ocean's surface.

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In 2011, the town installed the Mutriku Wave Energy Plant, the first commercial wave power plant in Europe. Harnessing the force of the waves, the plant's 16 turbines generate up to 296...

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