

## ContainerPower Energy Solutions

# Portugal s new energy station



## Overview

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Eco Wave Power, creator of the EWP energy device, has announced that as of March 2024, it received permission to build its first mW scale energy project in Porto, Portugal that will present an alternative and forward-thinking opportunity for expanding renewable energy. What does Eco Wave Energy say about the Portugal project?

Eco Wave Energy said about the so-titled Portugal Project: “We believe this will be the first commercial-scale wave energy project in the world and therefore, a significant step towards wave energy commercialization”. Despite the scale, this isn’t the company’s first or largest project.

Where is Portugal's first hydrogen refuelling station?

PRF Gas Solutions has begun building Portugal’s first permanent hydrogen refuelling station in Cascais, highlighting the country’s commitment to sustainable energy and green transportation.

What is Eco Wave Power's first megawatt-scale wave energy station?

Eco Wave Power’s first megawatt-scale wave energy station will be constructed in Porto, Portugal. The project includes a wave energy museum and education center. Construction is expected to begin within the next two years. The station will have an initial capacity of 1 MW, with plans to expand to 20 MW.

Does Portugal have a good EV infrastructure?

Portugal has achieved strong electric vehicle (EV) adoption—approximately 25–32% new-car EV penetration by 2023—but infrastructure growth must accelerate to keep pace. Its interoperable, nationally unified public network (MOBI.E) supports 7,000–8,000 public charge points today, including ~37% DC units.

Will a 20MW wave power station be built?

The 20mW wave power station will be constructed and commissioned in several stages. A trial run of a 1mW station will prelude the creation of the remaining 19mW capacity of the station if seen as a success.

What are the challenges of EV transition in Portugal?

Challenges include high capex, grid constraints, regulatory complexity, uneven access, tourist usability, and public vs. home charging cost differentials. To drive EV transition, Portugal must streamline rollout, reinforce networks, and foster competitive innovation.

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