



## **Momentum for Change: Women for Results Category**

### **Eco Wave Power: Generating Clean Energy From the Ocean**

*Israel, Gibraltar*

[Eco Wave Power](#) (EWP) has developed an innovative technology that produces clean electricity from ocean and sea waves.

The company is pioneering in its sector by operating the only grid-connected wave energy array floaters in the world, which is operational under a Power Purchase Agreement (PPA) in Gibraltar. Upon its expansion to 5MW, this project will supply up to 15% of the country's electricity needs.

The project generates clean and affordable electricity, using a simple design that allows the project's uniquely shaped floaters to be attached to existing man-made structures (such as piers, breakwaters and jetties), and thereby simplifying the installation process, as well as maintenance and accessibility.

The company's technology has won awards, as has its co-founder, Inna Braverman, named among the world's most influential women, for spurring the commercialization of wave energy, which could transform the world's energy mix and help the global fight against climate change.

#### **Key Facts**

- Wave energy has historically been uncommercialized due to the complexity of extracting energy from the ocean. This project has successfully developed and commercialized wave energy, resulting in a grid-connected array that has operated continuously since 2016.
- In 2018, the station set a world record for wave energy when it clocked over 15,000 grid-connection hours.
- Commercializing wave energy has enormous potential — the World Energy Council predicts that wave energy can produce twice the amount of electricity the world currently produces.
- Almost half the world's population lives within 100 km of a coastline, and in many locations, the power of the waves is available around the clock.

#### **More information**

Digital assets are available for download at <http://bit.ly/mfc-2019>

#### **Project Contacts**

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