## **Media Release**



## Bombora prepares for full-scale Wave Energy Converter deployment in Portugal

Bombora Wave Power is delighted to announce it has engaged WavEC to assist in preparations for the deployment of its first full-scale mWave<sup>™</sup> wave energy converter in Portugal. This development follows the successful commencement of the part-scale Como Jetty trial of the mWave in Perth, Western Australia.

Deployment of a full-scale mWave for an at sea demonstration will signal the beginning of the third phase of development towards commercialisation of Bombora's innovative energy conversion device. The full-scale mWave is 60 metres long, rests 10 metres below the surface on the seafloor and will be rated at 1.5 megawatts.

Preliminary site assessments have indicated the coast of Portugal is an ideal location for Bombora to complete its validation of the full-scale device. This first mWave will be used to confirm both performance and survivability with the intention to expand into a larger commercial farm, consisting of 40 mWave's, at the same location.

WavEC, a Portuguese based renewable marine energy organisation, will provide key services to Bombora including deployment, site selection and permitting, environmental impact assessment, wave energy resource analysis and supply chain facilitation.

Sam Leighton, Chief Executive Officer, Bombora Wavepower, stated, "This is an exciting new phase for the Company and follows testing the mWave at both small-scale and mid-scale. We are very pleased to have WavEC's experienced team as partners in this project to assist us rapidly upscale our patented, Western Australian designed WEC technology."

Ana Brito Melo, Executive Director, WavEC, responded, "WavEC has assembled a skilled marine renewable energy team and are pleased to be able to support Bombora in this key step towards commercialisation of their wave energy collector."

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## About Bombora Wave Power

Bombora has developed the mWave, a membrane style wave energy converter that rests on the sea floor. As ocean waves pass over the mWave the membrane deflects pumping air through a turbine to generate electricity. The device is unique among wave energy converters simultaneously addressing the "cost of energy" and "ocean wave survivability" challenges. The technology is protected by international patents. Bombora is based in Perth, Western Australia. mWave™ is a registered trademark of Bombora Wavepower.

## About WavEC

WavEC is a private, non-profit association created n 2003 to support the development of marine renewable energy in Portugal. Based in Lisbon, WavEC have assembled a multi-disciplined team of 26 highly skilled professionals and support a wide range of marine development projects.