

Our Pioneering Company

Bombora is a global frontrunner in the marine energy sector. Our wave energy technology will provide countries all over the world with clean sustainable electricity at utility scale. With our headquarters in Pembroke Dock (Wales), and a satellite office in Perth (Western Australia). We are home to an ambitious, creative team of experts who each play an important role in helping us achieve our mission.

Our dynamic team's broad spectrum of skills is as diverse as our backgrounds. We look for individuals with experience, drive and a pioneering spirit to join our motivated, adventurous, fun-loving, high-calibre team. We are breaking new ground with our mWave technology, making wave energy a reality of the renewable energy mix. Join Bombora and be part of the global energy transition journey.

Our Net Zero Mission

mWave is the largest capacity wave energy converter worldwide. Ten years in development, our fully submerged wave energy converter is ready to meet the survivability challenge of the hostile ocean environment. This comes at a time when the floating offshore wind market is emerging. Pairing wave energy with offshore wind has the potential to be a game changer, helping to ramp up the deployment of Gigawatts of floating offshore wind to meet net zero targets by 2050.

About the Role

We are expanding our team to support our ambitious growth plans and seeking a Product Development Engineer with extensive experience in the development and manufacturing of large elastomeric products. This role will be vital to the successful development of the company's ground-breaking wave energy technology. The successful candidate will be UK based, preferably in Wales or the southwest. They will be able to work from home but should be prepared to travel regularly to meet other members of the team or the supply chain.

As Product Development Engineer, you will be responsible for the design, material selection, structural design and vetting of the membrane manufacturing process. Design and implementation of a quality plan to meet the specification will be a critical part of this role. Global supply chain development and management will be an integral part of this role, ensuring best use of the latest available materials and manufacturing processes. To do this you will have to collaborate, but also challenge our suppliers to ensure the best possible outcome. You will need to collate, analyse and make judgements on results obtained from membrane testing including those from our current full-scale project in Pembrokeshire.

About the New Product Development Engineer

Bombora believes that to achieve great things, you need great people who share our vision for a cleaner, greener future, who enjoy their work and working together. The successful candidate will likely hold a degree in material science and engineering, or chemical engineering or polymer engineering and have achieved chartered membership status.

If you have extensive experience of designing elastomer products, compounds and testing and have used FEA tools in elastomer product design and the manufacturing of large elastomer products (including exposure to different methods of manufacture), then this could be the role for you.

You will be able to demonstrate an excellent network within the elastomer industry and be able to show how this has supported your previous work.

How to Apply & Further Information

We invite you to apply for this role by sending us your CV with a covering letter supporting your application and highlighting your relevant experience by 5pm on 28th January 2022 to recruitment@bomborawave.com

Bombora is an equal opportunities employer and supports flexible working arrangements including a 9-day working fortnight. We actively support the Welsh language and, on request, can provide documentation in Welsh. Please contact us for further details.