

Bulgin supports SeaGrown's ocean regeneration initiative

Bulgin, a leading manufacturer of environmentally sealed connectors and components, is supporting marine sustainability by partnering with SeaGrown, a pioneering aquaculture company based in Scarborough, UK. Bulgin will take part in SeaGrown's new environmental, social and governance (ESG) programme – which gives businesses the chance to fund their own kelp-growing 'seaweed tree' – as the first company in the scheme to sponsor its own unit, helping to boost biodiversity and support carbon capture in the North Sea.

SeaGrown's seaweed trees – known as Kelpedo™ units – are anchored to the seabed and tethered just below the surface. They host a canopy of kelp that mimics the structure of natural marine ecosystems and provides a habitat for over 60 marine species, from seabed invertebrates to fish, seabirds and marine mammals. These structures not only increase biodiversity, but also absorb carbon and nitrogen from surrounding waters, helping to combat the effects of climate change and coastal pollution. SeaGrown's offshore site is currently home to around 50 seaweed trees and has the capacity to host 100.



SeaGrown's Kelpedo unit in the North Sea is a floating structure designed to boost marine biodiversity, improve water quality and capture carbon.

This initiative aligns with Bulgin's commitment to sustainability by offsetting carbon emissions and improving water quality and biodiversity, as well as fostering local employment and contributing to

the circular economy. The partnership will involve Bulgin technology as the company's robust electrical connectors are set to be used in Seagrown's onshore hatchery to support the monitoring of water quality, temperature and salinity during the early growth phases of kelp. These components will also play a key role in marine instrumentation used for underwater surveys and environmental monitoring.

Wave Crookes, Co-founder and Director of SeaGrown, commented: "At SeaGrown, we're focused on restoring marine ecosystems and creating real-world solutions to environmental challenges, from carbon capture to sustainable agriculture. Our seaweed trees are a scalable way to bring life back to the ocean and strengthen coastal communities. That mission really resonated when I sat down for a coffee in Scarborough with John Love from Bulgin, and we realised our goals were closely aligned. What began as a simple conversation has grown into a partnership that we're proud of – one that's already making a real impact."

John Love, Business Development Manager at Bulgin, added: "From our very first meeting, it was clear that SeaGrown's mission aligned closely with Bulgin's values. Their approach to ocean regeneration delivers real, measurable impact – from boosting biodiversity to supporting coastal communities – and we're proud to back that with both funding and technology."

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