

ANCHORING SOLUTIONS



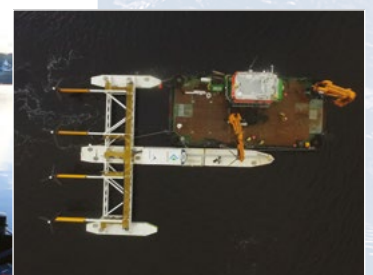
Green Marine has expanded its marine services by teaming up with Sustainable Marine Energy to bring a full suite of innovative and conventional anchoring and mooring solutions to customers worldwide



With this collaboration Green Marine is combining their excellence in marine operations with SMEs extensive experience in developing and installing anchoring solutions in some of the worlds harshest marine environments.

Proven Design

SME has proved its capability over the past 6 years installing screw anchor piles, groutless rock anchors, and conventional embedment anchors for projects in the UK and Canada. All along SME has been designing and developing its own remotely operated installation equipment, and now with Green Marine as a delivery partner all parts of the anchor and mooring system delivery process are under one roof from initial site assessment or FEED study right through to installation and maintenance of the required technical solution.



Fully Tested

SME has experience working with third-party accreditation providers, and received a DNV GL “Statement of Fit for Purpose” for the rock anchors installed at EMEC for their moored tidal energy system. We can advise on appropriate verification options for your project and work with third party providers to ensure your requirements are met.

SME is the only company in the UK undertaking fundamental research (in collaboration with the University of Dundee and SAIC) and a full scale testing programme to further develop its anchoring solutions. This scientific backing to the development of anchoring technologies is informing not only the design process but is also developing standards to certify anchors for demanding applications.



On-going Development

This engineering rigour means SME has been successfully installing direct embedment anchors since 2013, making them a world authority in the design and implementation of these innovative anchoring solutions.

SME is continuously developing and improving its range of direct embedment anchors, installation, and maintenance tools to meet an expanding range of applications, geotechnical and site conditions. We can offer solutions with holding capacities from tens to thousands of tonnes. Contact us to discuss your project needs.

- Baseline geotechnical surveys
- Mooring analysis
- Detailed site surveys
- Front end engineering design (FEED)
- Marine operations planning

- Detailed design of anchoring and mooring solution
- Manufacture and testing of system
- Full service installation
- Data analysis and ongoing O&M



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