

Empire Engineering sets standard for offshore wind development with industry leading guide

The offshore wind industry is undergoing a period of innovation and growth. The next few years will see offshore wind farms that dwarf the size of any currently in operation. Turbines are getting larger, technology is rapidly advancing and with it, so are the engineering challenges to make it all happen.

Empire Engineering is a specialist engineering consultancy dedicated to furthering this growth, supporting the offshore wind industry with advice, insight and technical know-how with many years of experience.

As a proven thought leader in the field with a wealth of hands-on experience, Empire Engineering is releasing a groundbreaking Guide to Offshore Wind Foundations to educate and inspire current and future engineers. A 40-page guide to 'the challenges and opportunities in designing and developing offshore wind foundations', it's a must-read for engineers entering or progressing in the renewable energy sector.

For Empire Engineering's Managing Director Karl Davis, this guide is an opportunity to share his knowledge and expertise with the technical minds of tomorrow.

"This guide presents some of what we've learnt about offshore wind foundations over the years. We hope that it will be helpful to those new to the technical challenges of offshore wind foundation design, as well as provide insight for those familiar with it.

It would not have been possible without the generosity of others in our industry who share our dedication to renewable energy and offshore wind."

Leading the conversation

Empire Engineering was founded in 2014 to offer concept design, project delivery, specialist engineering and emergency response to the offshore wind industry.

Beyond hands-on help that has delivered large-scale offshore developments across Europe, Asia and North America, Empire Engineering has published an array of highly technical, specialised content on offshore wind across articles, videos, webinars and conferences. With this new guide, Empire Engineering is solidifying its reputation as a leading voice in the renewable energy sector. Written by the team at Empire Engineering and contributed to by several high profile industry professionals, the 40-page guide collates the knowledge and expertise the team has gained over their collective decades in the sector.

It covers the where, what, how and why of wind farm foundations - from the types of developments possible and key considerations for designers to innovation and expansion into new regions. Offering professional anecdotes, surveys, technical specs and unique industry insight, it's a complete guide for designers and engineers embarking on offshore wind development.

The Empire Engineering Guide to Offshore Wind Foundations will be available as a download from empireengineering.co.uk at no charge on 10 August 2021.

For more information about Empire Engineering, please visit empireengineering.co.uk

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About Empire Engineering

[Empire Engineering](http://empireengineering.co.uk) was founded by Karl Davis in 2014 to offer responsive and flexible technical consultancy in the offshore wind sector.

The team of expert engineers have many years' sector experience and are deployed across key large-scale offshore wind developments around the world. Empire Engineering's expertise is in the design and development phases of offshore wind projects.

Headquartered in Bristol, UK, Empire Engineering also has offices in London and Aalborg, Denmark.