

Naval Architecture and Ocean Engineering

Seminar

Challenging the Oceans for Energy Overview of Tadek's activities

by

Diogo Nunes

Chartered Naval Architect



Friday, 17th October 2025

Time: 12:30h- 14:00h

Location: E1 (North Tower)

**Brief CV:**

Diogo is a naval architect working in Ocean Energy since 2020, following a 1st class MEng in Ship Science w/ Naval Architecture from the University of Southampton.

His expertise lies in marine renewables, with emphasis on Floating Offshore Wind, where he has been at the forefront of developing Tadek's capability in floater design and concept selection. He has contributed to a range of projects and managed small teams delivering solutions to complex challenges in floating structures, mooring, and cables. His work combines technical depth with practical problem-solving in the offshore sector.

Diogo is passionate about deconstructing complex problems into clear, manageable solutions and communicating them effectively to diverse stakeholders.

His work experience covers:

- FOWP design, analysis, and selection
- Stability Analysis
- Mooring Analysis
- Naval Architecture
- Cable Analysis

**Company Description:**

Tadek Ocean Engineering is a UK-based offshore engineering consultancy established in 2010, employing a team of around 25 full-time engineers with experience across more than 300 global projects. The company provides front-end advisory, detailed engineering, and project delivery support for subsea, pipelay, cable, and floating systems. Tadek's multidisciplinary team includes naval architects, mooring designers, structural engineers, and installation analysts, combining academic expertise with practical offshore experience. Working with clients ranging from site developers to installation contractors and technology developers, Tadek delivers tailored solutions in mooring design, structural and hydrodynamic analysis, and project engineering. As an agile and independent firm, Tadek emphasises collaboration, innovation, and flexibility to support the next generation of ocean energy projects.