

Senior Mooring Engineer

At *Stiesdal Offshore Technologies A/S* we offer the opportunity to make a real difference in the fight against climate change. Our team of creative thinkers are making true impact and joining us could be the most exciting and fulfilling step in your career.

Are you up for the challenge?

We are currently looking for an experienced Mooring Engineer to join our loads team working with integrated design and aero-hydro-servo-elastic simulations of our future floating foundations for offshore wind.

Take floating wind from concept to commercial scale

You will be working on the design and analysis of mooring systems across all development phases, from conceptual design to detailed design and final certification.

Your primary tasks will be:

- Creating conceptual designs of mooring systems for our foundations for various sites
- Being responsible for project specific mooring design, including interacting with clients and third parties
- Carrying out integrated loads analysis as part of the design development and verification
- Post-processing of data from simulations
- Working closely with structural and installation engineers
- Assisting in the planning, execution, and analysis of scale model wave tank tests

Your profile

You have several years of experience working with the design, modelling and analysis of moored floating structures. The following relevant experiences would be an asset:

- Experience within the floating offshore wind industry
- Experience with synthetic ropes, and riser and umbilical design and analysis
- Relevant experience in carrying out integrated load analysis using software such as OrcaFlex, HAWC2, FAST, SIMO-Riflex, etc. and comprehensive data post-processing is a distinct advantage
- Development of tools in MATLAB and Python for supporting load calculation and analysis processes
- Knowledge of wind turbine and offshore design standards as well as wind turbine or project certification

We expect you to approach your work with enthusiasm and to be self-driven, passionate, committed, and pro-actively solution oriented. It is natural for you to take on responsibility, and you are confident in the role of ensuring quality in large and complex projects. You perform well in the dynamic environment of a start-up organization.

What we offer

We offer an exciting and varied job where you will be an integral part of a team creating new technology with a high impact on climate change mitigation.

Our core values are honesty, integrity, and respect for people, and we firmly believe in the fundamental importance of trust, openness, teamwork, and pride in what we do.

The working location is at either of our offices in Hellerup, Denmark or Give, Denmark.

About us

Stiesdal Offshore Technologies is developing cost-efficient systems for floating offshore wind. During 2020 the company has validated its concepts and in 2021/2022, a new foundation type will be designed/manufactured.

We are part of Stiesdal, a new and fast-growing climate technology group with activities in floating offshore wind, energy storage, Power-to-X hydrogen production and carbon capture and storage combined with green fuel production. Read more at www.stiesdal.com.

How to apply

If you are interested, please send an application and your CV to jobs@stiesdal.com.

Start date: As soon as possible.