

## Mechanical/Loads Engineer

At Stiesdal Offshore 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 a Mechanical/Loads Engineer to join our loads and mooring team working on the development of Stiesdal's next floating foundation concept for offshore wind.

### Take floating wind from concept to commercial scale

You will be working closely with loads and structural engineers on the development of our next floating foundation concept from early FEED, detailed design until final certification. In this context, you will have the opportunity to get involved in a wide range of projects, with responsibilities including, but not limited to:

- Design of floating wind turbine foundation concepts
- Design of mooring concepts
- Assessment of floating stability of floating wind turbine
- Construction of aero-hydro-servo-elastic models
- Execution of integrated load analysis
- Assistance in execution of scale model wave tank tests
- Validation of load models using measurements from prototype foundations and scale model tank tests

### Your profile

You have a solid knowledge of engineering principles and practices and have several years of experience working with loads simulations of complex systems, preferably from the offshore wind industry or the floating offshore oil and gas sector. Experience in the design of mooring systems is a distinct advantage.

We expect you to approach your work with enthusiasm and to be self-driven, passionate, and committed. You are able to use your technical knowledge to identify and analyze complex engineering challenges and develop effective solutions in a pro-active manner. It is natural for you to take on responsibility, and you are confident in the role of ensuring quality in large and complex projects. Equally important is that you thrive in an environment driven by fast-paced development and innovation.

**What we offer**

We offer an exciting and versatile job where you work with important new technologies and become an integral part of the Stiesdal team.

We are in the process of creating a workplace with good and spirited teamwork and easy workflows. Stiesdal's core values are honesty, integrity, and respect for people. We firmly believe in the fundamental importance of trust, openness, teamwork, and professionalism, and in taking pride in what we do.

Working location: Copenhagen or Aarhus

**About us**

Stiesdal Offshore has developed the modular floating offshore wind turbine foundation Tetra. The Tetra concept can be implemented in a range of variants and adapted to any turbine size and any water depth. In 2021 Stiesdal Offshore launched the TetraSpar Demonstrator, the world's first fully industrialized floating offshore foundation in operation off the coast of Norway.

We are part of Stiesdal, a young and fast-growing climate technology company with activities within floating offshore wind energy, energy storage, Power-to-X hydrogen production, and the capture and storage of CO<sub>2</sub> combined with the production of green fuels.

Read more at [www.stiesdal.com](http://www.stiesdal.com).

**How to apply**

If you are interested, please send an application and your CV to [jobs@stiesdal.com](mailto:jobs@stiesdal.com).

Start date: as soon as possible.

Please direct any questions to:

Head of System Engineering: Estela Vázquez Esmerode

Email: [evs@stiesdal.com](mailto:evs@stiesdal.com)