

Lead Installation & O&M

SolarDuck is a Dutch-Norwegian company that is pioneering the technology to bring solar PV to the seas, and we are looking for talented individuals to join our team.

As a spin-off of Damen Shipyards, a leading Dutch shipbuilder, SolarDuck was founded in 2019 by a team of experienced entrepreneurs from the maritime industry. We are headquartered in the Netherlands (Rotterdam) and have a growing international presence with offices in Norway and Japan.

Our vision is to Electrify the World with Offshore Floating Solar, and we have developed a unique technology to bring solar PV offshore. Thereby we enable access to affordable, reliable, sustainable, and independent energy for energy consumers around the world.

To strengthen our team, we might be looking for you! If you are curious to find new solutions, like to develop speed in what you do, or are a trustworthy person driven to make an impact we would like to get in touch. With your leadership and expertise, you'll help us accelerate the growth of offshore floating solar energy by deploying over 1 GW every year from 2030.

The Role

Join the SolarDuck team as our Lead Installation Engineer and play a key role in shaping the future of offshore solar energy. In this position, you'll lead the development of new methods to enhance our projects, directly influencing the direction of our efforts in renewable energy. Picture yourself designing the plans that will energize the next generation. Your expertise in calculations will ensure the safe transport of our equipment over waters, becoming an essential part of our innovative efforts. Once the platform is in the water, it is your responsibility to ensure its safe and secure installation.

Within SolarDuck, you will work with a diverse team, collaborating to achieve excellence and bring new ideas to life. This role allows you to not just push forward the boundaries of renewable energy but also contribute to a greener future for all. By joining us, you become part of a forward-thinking group committed to making a real difference in how the world generates power. Apply now to help us create a sustainable tomorrow.

Responsibilities:

- Develop and optimize robust, safe and solid installation plans and WMS;
- Guide a team of engineers;
- Understand Stability, Mooring design, Orcaflex analysis, towing analysis, etc;
- Create and manage Inspection and Test Plans (ITPs) for quality assurance;
- Develop innovative offshore execution methods for our solar energy projects;



- Drive the engineering process from drawing to calculation, ensuring technical excellence;
- Prepare comprehensive subcontractor Scopes of Work;
- Expertly create installation plans and Operation & Maintenance (O&M) strategies;
- Develop mooring drawings and robust mooring designs, integrating structural and mechanical aspects;
- Review and coordinate the assessment of internal and external deliverables, including drawings, reports, and procedures;
- Conduct thorough engineering, technical project preparation, and execution support for installations;
- Collaborate with cross-functional teams and stakeholders, ensuring project excellence and innovation;
- Engage in continuous improvement of installation techniques and methodologies;
- Ensure compliance with international standards and environmental regulations;
- Support, guide, or lead installation contractors during installation operations, this is optional.

Requirements:

- Bachelor's or Master's degree in a relevant engineering field preferably maritime engineering/ naval architecture, coupled with 5+ years of experience in a similar field
- Proven experience in offshore installation, particularly in renewables
- Knowledge of 2D & 3D CAD software
- Familiarity with OrcaFlex software is highly advantageous
- Expertise in structural and mechanical engineering principles Proactive approach to innovating efficient and cost-effective solutions;
- Ability to generate complex engineering drawings and calculations
- Familiarity with industry standards and environmental compliance;
- Ability to lead and influence people, build trust, and establish effective working relationships within a global organization.
- Innovative thinker with a problem-solving attitude
- Ability to work flexibly in a hybrid work environment.

Benefits

Looking for a career with a greater purpose? Join SolarDuck, a fast-growing, mission-driven team that is dedicated to bringing offshore floating solar to the world. We are looking for passionate individuals to join our remarkable team of professionals who share knowledge and work collaboratively to create an inclusive and supportive work environment where your ideas are valued.

As part of our company, you will be at the forefront of an exciting and new market, with endless opportunities to innovate, learn, and grow. You will be encouraged to bring your creativity and expertise to the table, developing new solutions and strategies to make the desired impact.



At SolarDuck, we are committed to investing in your personal and professional growth through on-the-job learning opportunities and structured training and development programs. Additionally, we offer an attractive compensation package, including a share certificate program and a competitive salary. We believe in the power of diversity and are committed to building a team that reflects the communities we serve.

Do you recognize yourself in this profile? Do not hesitate and apply today to join our team and help us achieve our mission using offshore floating solar energy.