

Our purpose is to realise a more sustainable future. We believe that the mix of existing energy solutions for zero-emission is incomplete. So, we are developing the TidalKite, a revolutionary underwater kite that captures the steady energy of the tides.

It is our goal to make TidalKite a mainstream energy solution in ten years.

A bit of a moon shot, right? No. By then we have made it happen.

Driven by our strong perseverance and our solid commitment to foster and preserve our planet.

For our future generations. For good.

To achieve this mission, we are looking for a **Mechanical CAD engineer** with a strong affinity with clean-tech and who wants to make a sustainable impact.

#### **Your role**

You will get a chance to work on challenging problems in a fast-paced environment.

You will see the impact you make on the product development.

You develop concepts and will be making conceptual, detail designs of our sub-systems. Provide inputs for testing and perform design optimisation based on the results.

Our collaborative company culture means that people are proactive and are not afraid to move fast and take intellectual risks.

This brings us an opportunity to grow as a Team.

#### **SeaCurrent**

Six years ago, we started the development of an innovative system powered by the TidalKite – a scalable, safe, reliable, and eco-friendly energy solution – to make clean electricity available to millions of homes and businesses around the globe. We're now building our fourth model that we will demonstrate near Ameland. Our kite 'flies' perpendicular through the current, generating an enormous lifting force, which is transferred to a power-take-off system that converts it into electricity 365/24/7. One of the things that sets our technology apart is its wide deployment potential making it applicable for power generation on most locations throughout the world. The SeaCurrent team currently consists of 20+ highly skilled and purpose driven professionals.

For more information on SeaCurrent and the TidalKite, please visit our website [www.seacurrent.com](http://www.seacurrent.com)

#### **What you will be doing**

- Design several subsystems of the TidalKite and Auxiliary systems
- Making detailed 3D design drawings and assembly drawings
- Participate in the assembly and testing of sub-systems
- Participate in the validation of individual systems in a factory environment (FAT) and operational environment (SAT) to ensure correct functioning
- Based on the outcome of testing, implement design optimisations.

#### **What we are looking for**

- You have obtained at least a bachelor's degree in mechanical -, naval-, maritime engineering or equivalent
- You have 3 – 5 years' experience as an engineer
- You are resourceful and have a hands-on, can-do mentality.
- Preferably you have experience with Inventor, which is the design software we use
- Preferably you are fluent in English, both verbally and in writing.

Furthermore, we expect you to have a good understanding of the challenges of a fast-growing scale-up organisation. Our work is diverse, sometimes requiring us all to roll up our sleeves and get our hands dirty.

**Do you like to join our adventure?** Let us know! Send us your cover letter and resume (to: [work@seacurrent.com](mailto:work@seacurrent.com)) and we will contact you as soon as possible. For more information you can contact Maurits Alberda +31 (0)6 34861424.

#### **Process**

Job posting closes, **May 31, 2023**

Selection of interested candidates based upon cover letters and resumes, wk 22

First round of job interviews with interested candidates, wk 23

Second round of job interviews, wk 26

An assessment and/or assignment can be part of the procedure

Job offer, wk 28

#### **Please note**

This vacancy is not open to recruitment agencies. For direct candidates only.