

## **Mapping the industrial water consumption of the Netherlands**

In the Netherlands, but also in the rest of the world water is an important product. The availability of clean water however is increasingly getting under pressure. There are many technical solutions to clean or recycle water. However, an overview of the different technologies and which suits best in which situation is missing at the moment. Technology is not a miracle cure, but it can solve many problems if applied properly.

The assignment is to identify and map use of water. Water use in food, paper and clothing industry plays an important role in this, using water both in the production process and as an energy carrier in the form of steam. The production of steam has a significant influence on the total energy consumption in the Netherlands. Mapping these users offers the possibility for further development/application of alternative technologies. A lot of knowledge about the water and energy usage is already present however scattered. An important part is therefore gathering information from different sources and communicating with companies and Dutch government.

### **About Wetsus**

Wetsus is a multidisciplinary research institute on water technology with a very social environment. We offer you the opportunity to work on interesting topic on innovative and sustainable technologies while at same time developing yourself and increase your network.

For this assignment, we are looking for an enthusiastic msc. Student in the direction of technical business development or a similar direction. We offer a monthly allowance of f € 175 / month. Interested students are invited to send a motivation letter (max. 1 page) and a CV (max. 2 pages) to [ruben.halfwerk@wetsus.nl](mailto:ruben.halfwerk@wetsus.nl) or [Doekle.yntema@wetsus.nl](mailto:Doekle.yntema@wetsus.nl).