

## INTERNSHIP/THESIS WORKAWARE

Are you interested in making the workwear industry more sustainable?

With upcoming European regulations companies are working towards a more sustainable supply chain. Together with van Moer, Vendrig and TenCate we are working on transforming the workwear industry. These companies want to implement recycled content into their workwear without compromising on quality. This research will focus on the influence of recycled fibers on product quality, and how to compensate for the (possible) loss of quality.



## TASK DESCRIPTION

- You will work at the CTL lab in the Epy Drost building of Saxion. Here you will go through the process of creating a yarn through carding, drawing and spinning. You will focus on optimizing the yarns quality with recycled fibers.
- You will analyse and perform quality tests on the fibres and yarns.
- If we have enough time samples will be woven with the best performing yarn. You will do the weaving and quality testing of the fabric.
- During weekly meetings with you supervisor you will discuss your progress and issues. During monthly meetings you with colleagues and students involved in the CTL we will discuss all relevant project. This way the whole CTL team will learn from your findings as well, and we can help each other out when needed.
- Assignment can be done in Dutch or in English

## PRACTICAL INFORMATION

- **Student profile:** This assignment is specifically for Fashion & Textile Technologies students with a strong interest in sustainable textiles and textile processing and working with lab machinery.
- We are looking for a student that can work very precisely and independent.
- As you will be working alongside other students and researchers in the lab we expect you to make a clear planning and have clear communication.
- **Contact person(s) for this assignment:** Maud Kuppen ([m.kuppen@saxion.nl](mailto:m.kuppen@saxion.nl))
- **Research group Sustainable and Functional Textiles:** [saxion.nl/sft](https://saxion.nl/sft)