

NXT Cotton Solutions

From used jeans to
renewed cotton fibers.

We are looking for a Chief Technology Officer to complete our team!

The Textile Industry is the second polluting industry after oil. At the end of use, over 85% of the garments ends up on landfills or in incinerators. NXT Cotton Solutions (“NCS”) has a mission to end that. NCS currently exists of the 2 founders; Ewoud Overduin and Ernst Visser.

Recycling of cotton-based textile is difficult, due to the plastics in it. Together with Wageningen University & Research, we have found a way to dissolve the elastane in a way that the cotton fibers are minimally harmed. This unique process and recipe is filed in a worldwide patent, which will be published in June 2020. We want to scale this patent from petri-dish to (demo) plant and complete ‘the formula’ with adding the dissolving of polyester, finishes and indigo.

We are looking for a (at the beginning part time) CTO to complete our team and take care of the Technological and Operations side of our journey from first Patent to (Demo) Plant. Affinity with bio based raw materials, sustainability and textiles is a plus. Together with having experience in scaling up operational facilities and creating partnerships on a technological level.

Responsibilities

Program lead for scale up phase, technological and operational part of Pilot Facility & (Demo) Plant. Set up the NXT Cotton Operational team. Counterpart and sparring partner of the WUR research team.

Level of education

Master’s degree in chemical engineering, preferable with experience in textile industry.

Core values

Entrepreneurial - Curious – Team player – Persistent

Remuneration

A fantastic ride in a start up with the possibility to participate in our venture after 6 months to make it a success.

When you are interested to talk about this position in more detail, please send your resume and motivation letter to info@nxtcotton.com.