

Biosynthetics – Contract

About Us

Textile Exchange is a global non-profit driving positive impact on climate change across the fashion and textile industry. It guides a growing community of brands, manufacturers, and farmers towards more purposeful production from the very start of the supply chain.

By 2030, its goal is to guide the industry to achieve a 45% reduction in greenhouse gas emissions within fiber and raw material production. Its focus is holistic and interconnected, accelerating the adoption of practices that improve the state of our water, soil health, and biodiversity too.

For real change to happen, everyone needs a clear path to positive impact. That's why Textile Exchange believes that approachable, step-by-step instruction paired with collective action can change the system to make preferred materials and fibers an accessible default, mobilizing leaders through attainable strategies, proven solutions, and a driven community.

At Textile Exchange, materials matter. To learn more, visit TextileExchange.org.

Working at Textile Exchange

We work remotely with a team located in 20+ countries. We are a diverse group committed to harnessing the strengths of the global textile industry to accelerate change toward climate and other key environmental goals. We work collaboratively on important environmental issues around the world by working and interacting with farming groups, processors, brands, retailers, and environmental experts in the textile and fashion industries around the world. We offer an opportunity to join a cutting-edge global environmental nonprofit and to help strengthen the impact of our organization. Each Textile Exchange employee is offered a competitive compensation package with paid time off, yearly bonus, opportunities for continuing education, and more.

Job Summary

In May 2022, Textile Exchange released 'The Sustainability of Biosynthetics' report which serves as a starting point for the industry to guide and educate around biosynthetic materials. We know that further work is needed in this area, and this report is only the beginning of the journey. Textile Exchange wishes to build on this report and further deep dive into this up-and-coming material area of synthetics.

Textile Exchange wishes to hire a short-term contractor to support the synthetics team in answering important questions which have been raised from the outcomes of this report. A key conclusion from the work highlighted that currently, available solutions (at limited scale) are using partially biobased materials and that a transition towards 100% biobased materials is needed. Furthermore, exploration into the full market potential of biosynthetics from now and looking out to 2030 is critical in helping to drive towards Climate+ goals and targets. Alongside this, taking into consideration what barriers and opportunities exist is important in providing a clear picture on actionable steps the industry can take within the next 2-5 years in order to develop and drive adoption of biosynthetic materials.

Duties and Responsibilities

In order to drive uptake and action in this material category, the questions below cover the areas which need further work and consideration. The work should provide a report which details answers to these key areas:

- How do we transition the industry to mobilise **towards 100% biobased** materials?
 - What are the key actions and steps that need to be taken?
 - How do we develop 100% biobased materials?
- What is the **market potential** of biosynthetics in the future?
 - By 2030, where can the industry get to in terms of uptake of biosynthetic materials?
 - What is needed from the supply chain to implement and scale up biosynthetics?
- What will be the **barriers and opportunities** in moving biosynthetics forwards?
 - What do different parts of the supply chain need to do in order to best prepare?
 - What actions can be taken now? And in the next 2-5 years?

The role will report (virtually) to the synthetics fiber lead on a weekly basis. The deliverables of this short-term contract work are as follows:

- Conduct research (primary and secondary) in the area of biosynthetics to deep dive into the above discussed questions and provide weekly updates to the synthetics lead on progress and findings.
- Deliver a draft report for review and feedback, 5 weeks prior to end date.
- Deliver a final report on the specified due date.

Minimum Experience and Qualifications

- Degree in Textiles, Environmental Studies or Chemistry preferred.
- Open to 0-3 years of relevant job experience.
- Understanding and experience of the biosynthetics fiber category is preferred.
- Interest in the fashion and textile industry required and experience preferred.
- Well organized and able to conduct self-directed research.
- Detail-oriented, logical, and systematic.
- Ability to communicate and collaborate effectively.
- Demonstrated interest in Textile Exchange's vision, mission, and goals.
- Ability to work in a flexible, yet fast-paced remote environment, able to meet deadlines and share progress regularly.
- Strong work ethic and self-motivation with ability to work remotely effectively.

Employment Package

- Reports to: Fiber and Materials Strategy Lead: Synthetics
- Part time: 10 hours per week, total 15 weeks
- Location: Virtual/Remote, all locations
- Salary Range: \$35 per hour
- Start Date: As Soon as Available

How to Apply

Please [apply here](#) and submit:

- Resume

- Cover Letter

Applications will be considered on a rolling basis as they are submitted. Early application submission is strongly encouraged.

Textile Exchange is committed to creating a diverse environment. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status.