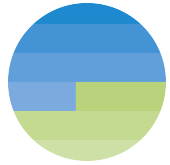


## Lunch Session: Sustainable fibers – Life Cycle Assessment and Circularity



thinkstep

**Monday October 22, 2018, 12:45-13:30**

**Hosted by Marc Binder and Flora D'Souza of thinkstep AG**

**No pre-registration needed. Collect your lunch at 12:30 and make your way straight to [Room Yellow 02](#).**

During this lunch session, you will learn why LCA and Circular Economy (circularity) are complementary approaches, with a practical example for how to apply these two methodologies efficiently in the apparel industry. Join this session to gain new insights and openly discuss with peers and experts while enjoying lunch.

2012 marked an important milestone in sustainable textiles when Cotton Inc. published the first critically reviewed global Life Cycle Assessment of cotton fiber and textiles. Since then, cotton has become the flagship material for sustainability efforts in the textile industry. In the meantime, the number of LCA studies has increased steadily, now with representative data for conventional, organic, Cotton made in Africa and Better Cotton (BCI).

However, Life Cycle Assessment is only one of the sustainability trends gaining ground in the apparel industry. Since 2015, circular economy has become a focal point within the textile sector, identifying key challenges such as longevity of products, recycling strategies and use of recycled materials

In our session we will take a T-shirt made of natural materials and compare it to one made of synthetic fibers. We will evaluate and discuss the complementary and sometimes conflicting results of LCA and CE that require careful analysis. Lastly, we will reflect on the effects that End of Life strategies and the use of recycled materials have on both approaches.

**Questions? Contact: [Materials@TextileExchange.org](mailto:Materials@TextileExchange.org)**