

Viscose, Modal and Lyocell fibers are well known as base material for sustainable, natural based textiles with a high comfort in use. However, these fiber types can do much more and will help to push sustainable solutions also in other technical application fields.

The manufacturing technologies for wood based fibers allow tailor-made solutions for a manifold of different uses.

Besides the actual fiber morphology also the inner structure, the surface chemistry or a variety of additives can be used for adopting to very special needs. The very specific chemistry of cellulose allows a much wider field of modifications compared to most fossil-based synthetic fibers.

New developments are creating high-tech materials from fibers that have been used since generations and yet retain their sustainable origins. In combination with innovative circular economy concepts and process optimizations a material can be produced that meets the highest technical demands, is economically attractive and whose production reduces the environmental impact to a minimum.