

Dibella „Versailles“

50 % lyocell (TENCEL™ x REFIBRA™) + 50 % rec. Polyester = 100 % circular

There have been 450 millions of overnight stays alone in Germany in 2022. (Germany's Federal Statistical Office).

All bed linen and towelling required for the numerous overnight stays in the huge hotel market must first be produced, then transported and continuously cleaned in the industrial laundry. This generates an immense carbon footprint. And finally, after their natural lifespan, all hotel textiles simply become waste!

To reduce the carbon footprint and minimize the amount of waste, Dibella has invented the first circular bed linen worldwide.

Our vision To go from textile to textile.
Our solution We are now able to make new hotel linen out of used hotel linen!

Good to know!

As part of the planned extended producer responsibility in the EU, manufacturers and distributors of products are responsible for the return, transport and disposal or reprocessing/recycling of these products.



Circular bed linen „Versailles“

- 50 % rPET/50 % lyocell (TENCEL™ x REFIBRA™)
- 145 g/m²
- Plain Satin

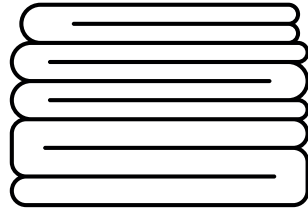
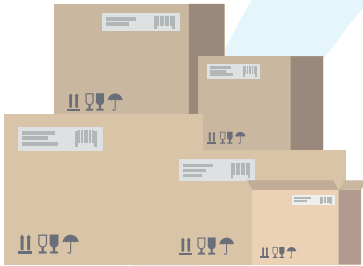


MADE IN
GREEN
CHPDK5G1G5
Hohenstein HTTI



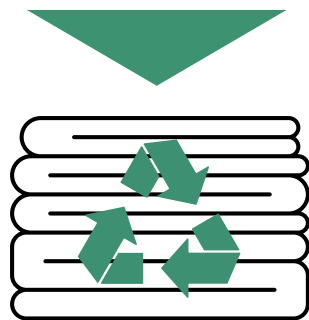
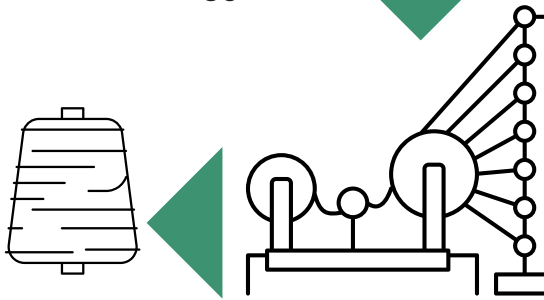
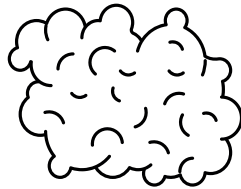
The most sustainable design

How textiles can get circular:



Instead of being thrown away, discarded hotel linens are collected. Properly assorted textiles can then be used as raw material for new textiles. The shredded fibres are processed in a chemical recycling process.

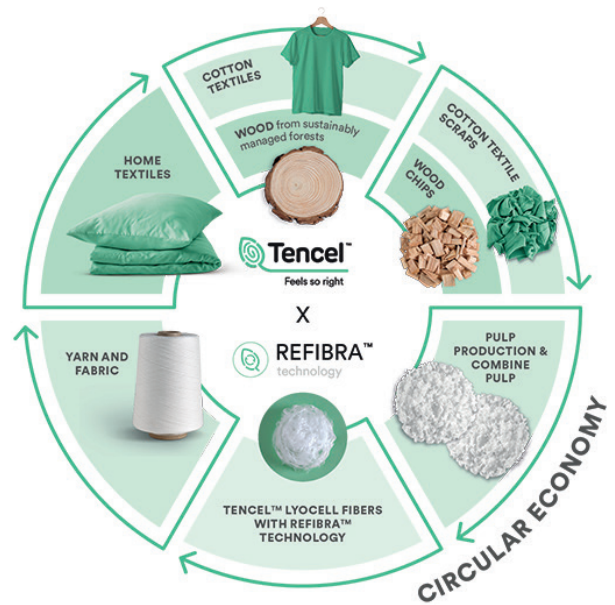
The recycled pulp is mixed with wood pulp and processed into new virgin TENCEL™ Lyocell fibers with REFIBRA™ technology.



The TENCEL™ Lyocell x REFIBRA™ fibers are blended with recycled polyester and then spun and woven in certified mills into new fabric, of which then new hotel textiles are produced.

TENCEL™ Lyocell x REFIBRA™ fibres

Contributing to the circular economy in textiles



TENCEL™ Lyocell x REFIBRA™: The pioneering REFIBRA™ technology involves upcycling cotton scraps from garment production. These cotton scraps are transformed into cotton pulp. A substantial proportion – up to one third – of this is added to wood pulp, and the combined raw material is transformed to produce new virgin TENCEL™ Lyocell fibers to make fabrics and garments.

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