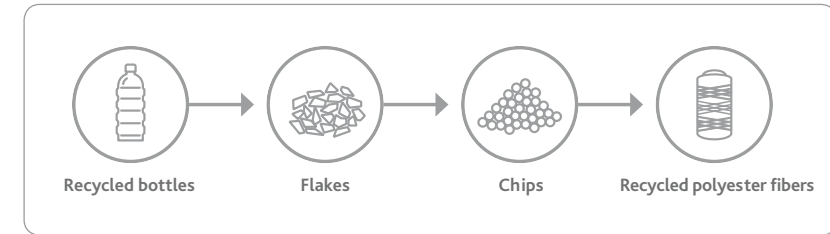


# HOW TECAWORK™ ECOGREEN IS MADE

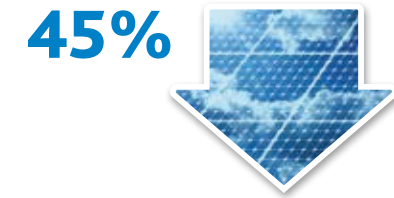
## A NEW LIFE FOR CASTAWAY PET BOTTLES



## REDUCE YOUR WORKWEAR'S ENVIRONMENTAL IMPACT

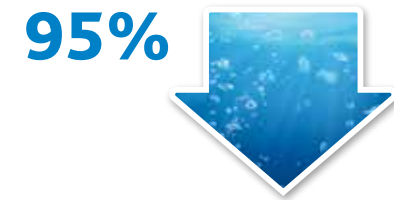
### RECYCLED POLYESTER REDUCES ENERGY CONSUMPTION

Mechanically recycled polyester reduces energy consumption by 45%, water consumption by nearly 20% and greenhouse gas emissions by over 30% in comparison to virgin polyester.

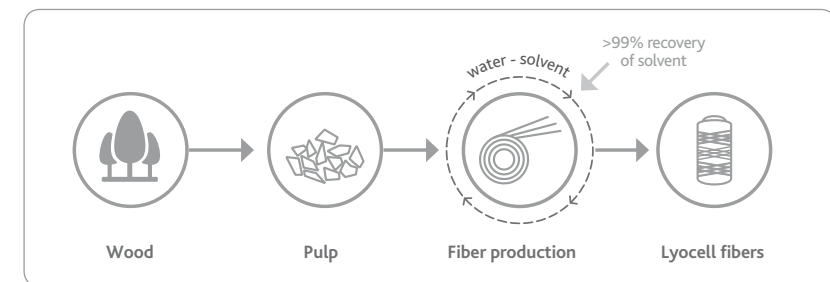


### LYOCELL REDUCES WATER USAGE

The water scarcity impact of Lyocell fibers is reduced from 994 L/kg cotton fiber to 46 L/kg Lyocell fiber.



## FROM SUSTAINABLE FOREST TO LYOCELL FIBERS



## IT TAKES 27 1/2 LITER PET BOTTLES TO MAKE ONE MEDICAL UNIFORM SIZE M.



**65%** Polyester from recycled PET bottles

Lyocell from sustainably sourced wood **35%**



**TECAWORK™**  
Ecogreen



**THINK  
FORWARD.  
FEEL BETTER.**

COMFORTABLE & SUSTAINABLE  
FABRICS MADE OF 100% GREEN FIBERS

**TENCATE**  
protectivefabrics

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**TENCATE** | made for life  
protectivefabrics



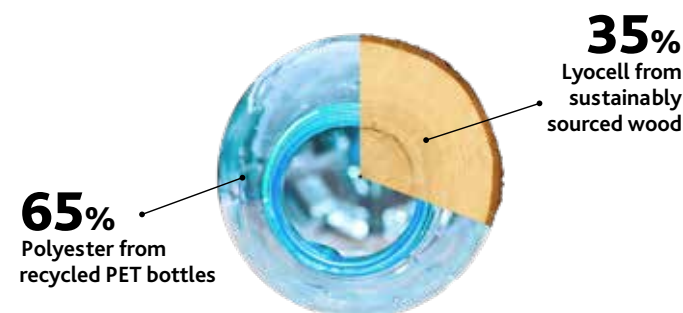
## 1 SOURCING

### GOODBYE COTTON, HELLO LYOCELL!

Lyocell is produced in a closed loop process where more than 99% of the solvent is recovered and reused. All Lyocell fibers are harvested from natural forests and sustainably sourced plantations without the use of chemical pesticides. When it comes to comfort, Lyocell absorbs up to 50% more moisture and dissipates it quicker, making it cooler and drier. Lyocell is also silky smooth to the skin compared to stiffer cotton.

### TIME TO MAKE MORE SPACE FOR RECYCLED POLYESTER

With Tecawork™ Ecogreen we have achieved 100% polyester upcycling while creating a fabric that equals traditional poly-cotton blends in withstanding heavy usage and industrial laundering. Each strand of recycled polyester used in Tecawork™ Ecogreen can be traced back to its PET bottle origins, 100% guaranteed.



## 2 A TRUE PERFORMANCE FABRIC

### ULTIMATE WEARING EXPERIENCE

Tecawork™ Ecogreen provides unparalleled softness and excellent moisture management control. By reducing distractions like sweat and stiffness, the fabric lets you feel better for longer for an overall increased performance.

### STRONG WITH LONG-LASTING LOOKS

The fabrics boasts high mechanical properties and excellent colour retention capabilities, even after repeated industrial laundering. Tecawork™ Ecogreen's structure leads to a deep dye uptake, while the recycled polyester increases its mechanical performance.



## 3 TRUSTED BY GARMENT MAKERS

100% green and incredibly versatile, garment makers looking for an innovative blend love Tecawork™ Ecogreen. It enables them to produce high-quality workwear and increases their innovation level to meet the growing demand for sustainably produced clothing.

### DID YOU KNOW?

Tecawork™ Ecogreen is produced in three weight classes for industries including healthcare, food & drink, automotive, construction, retail and catering, facility management, cleaning and maintenance.



225 g/m²



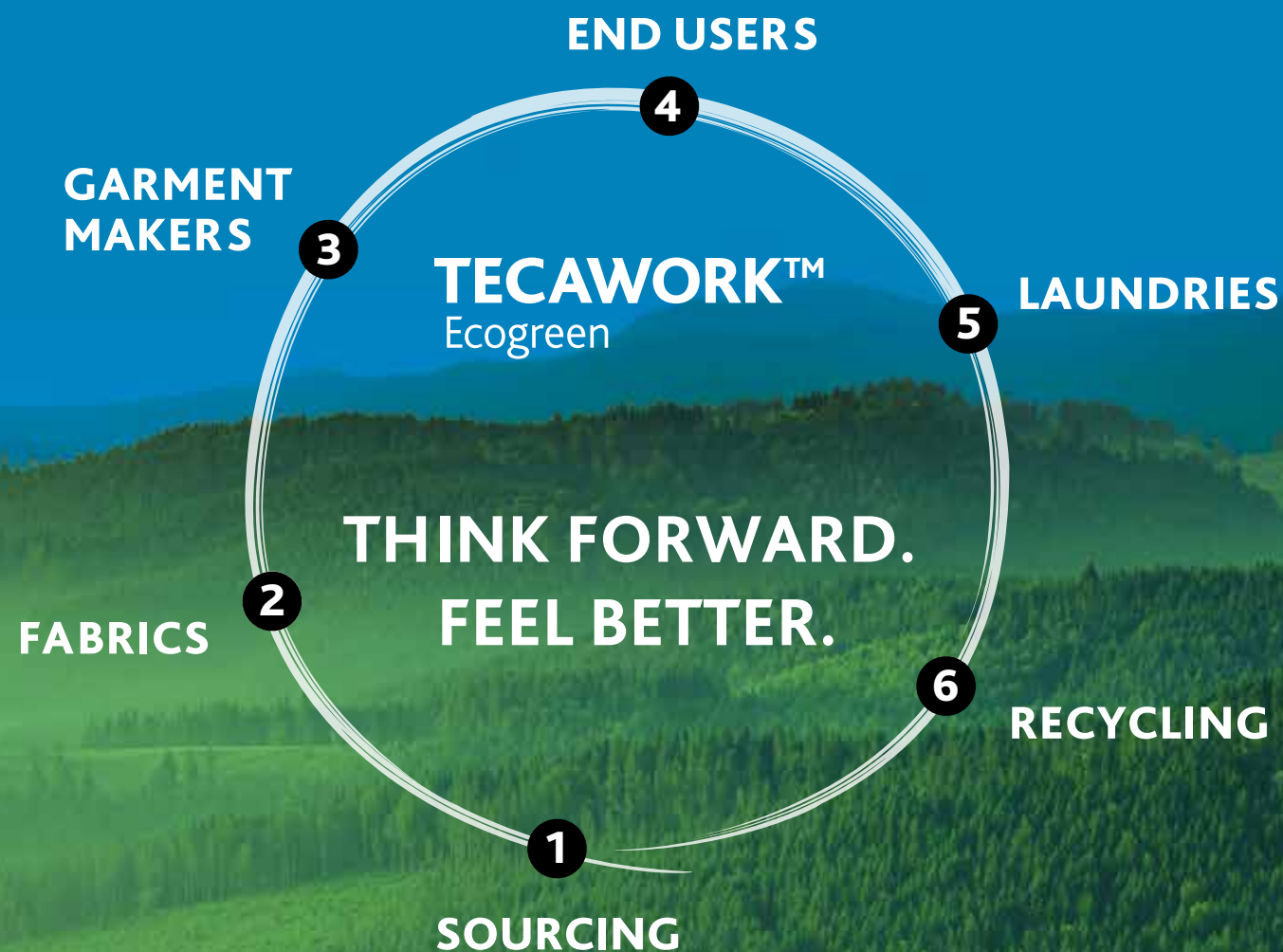
260 g/m²



310 g/m²

# THE CYCLE OF CARE

At TenCate Protective Fabrics, we believe that developing sustainable solutions is part of our mission. This is why we developed the Cycle of Care, a life cycle that benefits not just the people wearing and working with our fabrics, but also the planet we call home.



## 4 ADOPTED BY END USERS, CONTRIBUTING TO A BETTER WORLD

Choosing Tecawork™ Ecogreen proves your commitment to creating a better world. You're helping to lower your workwear's environmental impact, while at the same time improving your corporate image and investing in the wellbeing of employees. And they have confirmed: Tecawork™ Ecogreen's long-lasting looks and unmatched comfort boosts their pride and confidence, while knowing that they're making a personal contribution to a more sustainable world simply feels better.



### DID YOU KNOW?

TenCate Protective Fabrics offers an extensive wash and wear trial, in cooperation with our partners in laundering and garment making.

## 5 DESIGNED FOR ENERGY-EFFICIENT LAUNDERING

Industrial laundries are already at the forefront of sustainable practices. Tecawork™ Ecogreen is helping them take the next step. Tecawork™ Ecogreen fabrics and colours are developed and tested according to ISO 15797 to meet the most stringent laundering requirements at high temperatures (75°C). The fabrics are suitable for tumbler drying as well as tunnel drying. Energy-efficient processes can be realized by shortening drying times and/or lowering drying temperatures. Tecawork™ Ecogreen fabrics will dry faster due to the use of Lyocell fibers that absorb and spread moisture quickly over a bigger surface.



### DID YOU KNOW?

Our dedicated Market Manager Industrial Laundries can help you with laundering recommendations to achieve a longer life for your Tecawork™ Ecogreen garment.

## 6 RECYCLING FOR REAL BENEFITS

Tecawork™ Ecogreen brings us one step closer to a fully closed loop. As the clothing nears the end of its lifecycle it can be upcycled into raw material for new products, such as industrial felt and insulation. European made and sustainably certified, Tecawork™ Ecogreen fabrics are fully compliant with Oeko-Tex Standard 100 and EU REACH. TenCate Protective Fabrics is also certified to ISO 9001, ISO 14001 and CSR Performance ladder (level 3) standards. As a company, we are actively involved in research to extend the life-cycle of our textiles.

