



# TenCate Grass Introduction

 **TENCATE GRASS**  
FIBRES AND FABRICS



# What we do.

- **Sports**

- Professional Sports FIFA, IHF
- Move from infill to non-infill artificial grass systems.
- Demand for recyclable eco-friendly artificial turfs.
- Effective product end of life management.



- **Landscape**

- Consumer driven, water conservation in water sensitive regions. Sun belt USA-Europe.
- Impact of Covid-19 encouraged homeowners to put an emphasis on home improvement.
- Newer products look and feel like natural grass.





# Product Sustainability

## Product Innovation

Sports fields moving from infill to non-infill turfs.

One DNA Product Structure for End of Life Recycling

Criteria moving from just performance to include recyclability and sustainable end of life management.



## Internal Recovery and Reuse of Process Waste

Recycled sports yarn with EN 15343 standard

100% Production Process waste materials is recycled.

End of Batch Raw Materials 100% Reclaimed and Reintroduced to Manufacturing Process.



## Total System Approach

End of Life Carpet Materials Repurposed as Subcomponent Products eliminating Virgin Material Usage.





# Facility Sustainability

## Solar Hot Water System

To reduce electricity consumption.

Used for preheating of steam bath water to around 55-60°C.

Solar Hot Water System



## Waste Water Recycling Plant

Extrusion process water for re-use in the Plant Cooling Towers

Reduction in freshwater consumption = 45 m3 per day.

Reduction in wastewater collection cost by 45-50% daily.



## Equipment Upgrade and CAPEX

Refurbishment of older equipment,

- Improve energy consumption,
- Improve safety standards,
- Add new line control technologies,

Program is in addition to large new equipment CAPEX program.

