


The background of the slide is a grayscale photograph of industrial machinery, likely a textile mill. Large rollers and pipes are visible, with thick plumes of white steam or smoke rising from the equipment, creating a hazy, atmospheric effect. The lighting is dramatic, highlighting the metallic surfaces and the texture of the steam.

BLOCK | TEXX

TEXTILE RECOVERY TECHNOLOGIES

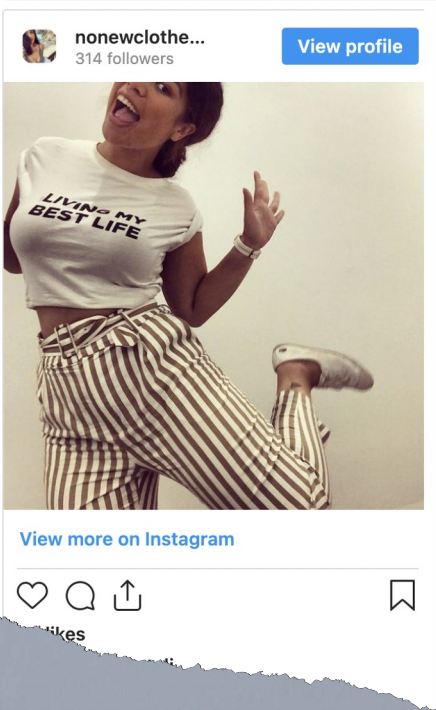
Graham Ross - Cofounder
 @graham_ross
@blocktexx



BlockTexx is a clean technology company manufacturing rPET and cellulose from textiles and clothing.



The Problem



Tahlea knew she had a fast fashion problem when her clothes needed their own bedroom.



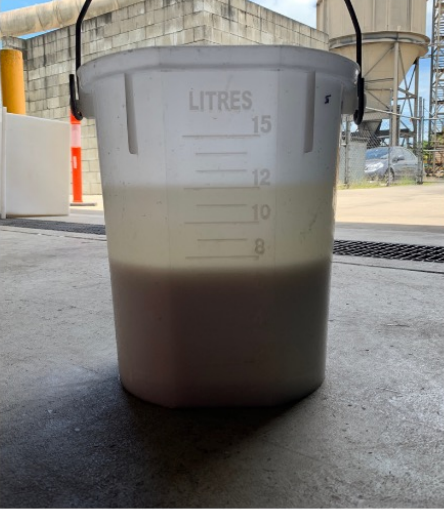
the numbers

Size of market
800,000 tpa
of textile are sent to landfill in Australia each year

Source: Australasian Circular Textile Association (ACTA)

By 2030,
140,000,000 tonnes
of textile waste will end up in global landfills

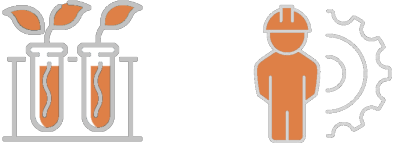
The History



The Proprietary Technology

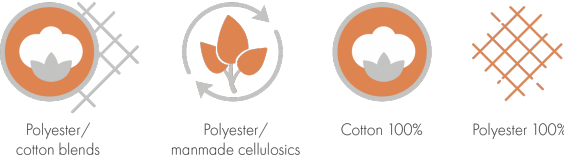
S.O.F.T. (separation of fibre technology) process

science + engineering



target materials

Our preferred fibres:



Shred

Textile waste is shredded to break the product down.



Separate

Polyester and cotton blends are treated with the S.O.F.T. (separation of fibre technology) process. This unlocks the parts but does not cause any deterioration to the components.



Wash/Dry

Polyester and cellulose are thoroughly washed to ensure maximum separation. The parts are separated through this process for drying.



Pelletise

Polyester is dried further and then extruded into pellet.



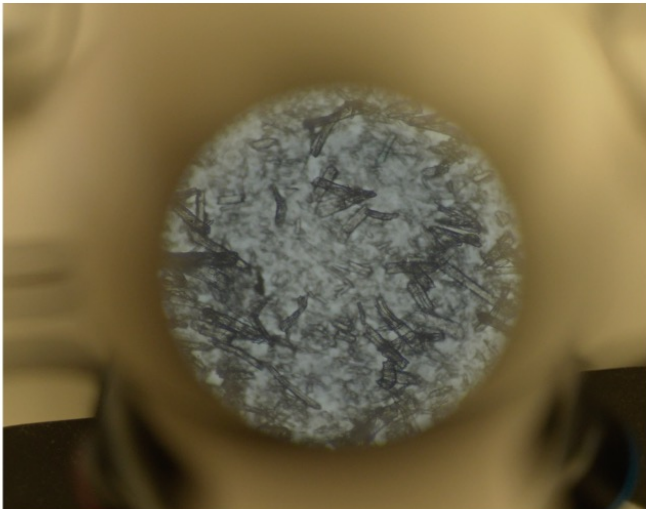
Powder

Cellulose is dried into a powder.

The Solution

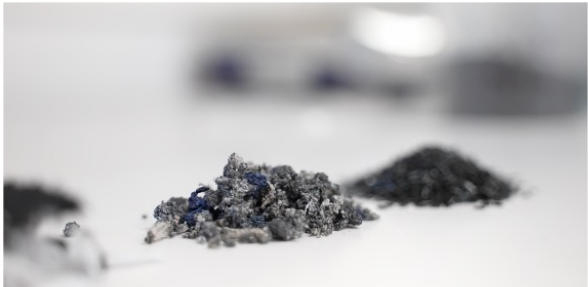


The Products



CELL | TEXX®

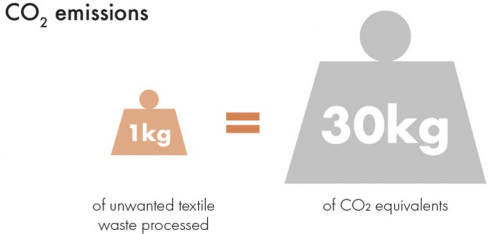
POLY | TEXX®



The Economic, Social, Economic impact



environmental impact



social impact

HELP ENTERPRISES 100+ disabled supporters



Qld corrective service

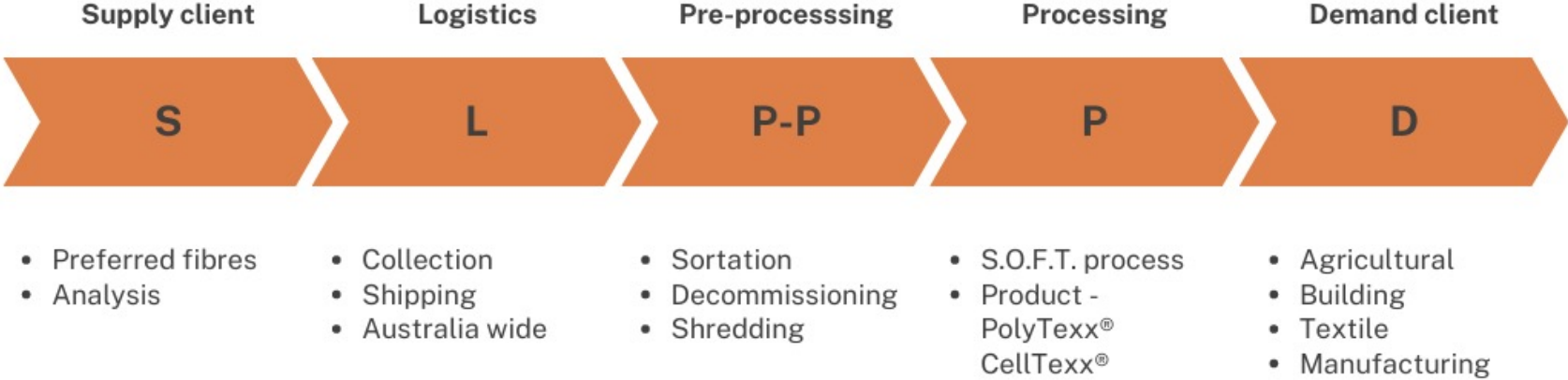
economic value



up to **\$45 million**

The Value Chain

Australia wide end to end textile recycling solution



Give a Sheet[®] for the Planet



GIVE A SHEET[®]
for the planet
An Australian first in textile recycling!

Our Mission

A woman in a pink and purple striped sari is shown in the foreground, leaning over and sorting through a large pile of grey fabric. In the background, another woman in a yellow and purple sari stands amidst a towering wall of multi-colored clothing, gesturing with her hand. The scene is set in a recycling facility with large piles of fabric and some yellow bags visible.

ZERO CLOTHING TO LANDFILL