

- World leading technology
- High margin business model
- ESG (CO2 emissions, landfill diversion)
- Raising Series A to commercially scale



What is BlockTexx?

BlockTexx is an early stage clean technology company that recovers polyester and cellulose from textiles and clothing.

Through an Australian developed patent pending process that combines chemical recovery technology and advanced manufacturing to produce high quality recycled materials of rPET pellets and cellulose powder from textile waste.

BlockTexx is positioned at the end of the value chain, where raw materials and end-of-use solutions have the highest environmental impact and revenue potential.

Urgent Problem:

- The world's current clothing recycling methods cannot cope with the volumes of end-of-life textiles.
- Global 2nd hand clothing markets have collapsed, leaving consumers, clothing brands and linen suppliers with landfill as the only solution to their textile waste.
- Limited access to locally recycled materials for use in textiles and industrial products.
- Sustainability targets restricted by textile resource recovery solutions and the ability to validate recycled materials.
- Total greenhouse emissions created by the apparel industry each year exceeds 1.2 billion tonnes of CO2.
- Global brands have limited options for their pre-consumer scraps from manufacture and don't want to be seen dumping offcuts.

Current status

- Currently raising a series A round. The funds will be used to build and commission a world first, textile resource recovery facility.
- This advanced manufacturing plant incorporates the patent pending S.O.F.T. (separation of fibre technology) process.

Product

From the S.O.F.T. process, the recovered PET is polymerised to create virgin-quality S.O.F.T. branded Recycled Polyethylene Terephthalate (rPET) pellets, suitable for use in textiles, packaging, and building products.

The recovered cellulose is processed to create S.O.F.T. branded cellulose powder for use in many industries such as building, pharmaceutical and food.

IP Protection

- Patent pending S.O.F.T. process
- Registered trademark – BlockTexx™
- Trade Secrets - Textile recovery technology
- Deep market knowledge

Awards

- **Awarded** - 2019 global – 50 to watch clean tech company
- **Alumni** - Fashion for Good south Asia innovation program
- **Named** - Apparel insider - 50 international stars of sustainable textiles
- **Alumni** – Plug & Play – Alliance to end plastic waste

Understanding waste in the fashion industry

- Up to 85% of unsold and unwanted clothing and textiles are piling up in landfills all over the world.
- As global population growth and consumption increases, textile waste is estimated to have a 62% growth rate between 2018 and 2030 to 140 million tonnes.
- Globally, 87% of all disposed textiles is sent to landfill or incinerated, 12% is mechanically recycled by cutting or shredding into fibre, insulation material or rags and less than 1% is chemically recycled back to reusable raw materials.
- 6000kg of clothing and textiles are being sent to landfill every 10 minutes in Australia.