refiberd.

AI & Robotics-Enabled Textile Recycling
The textile industry is committed to increasing sustainability but is struggling to find cost-effective solutions, especially around raw materials.

81% Consumers prefer clothes made sustainably

50% of emissions from the textile industry are produced from raw material production and processing
The Problem.

With 93 million tons of textile waste generated annually, textile recycling would be an excellent sustainability solution if not for:

- Need for intensive manual labor to sort textile waste
- Destructive recycling processes

Resulting in expensive & low quality materials
This is refiberd.

The only 100% eco-friendly textile recycling system that converts unsorted, used textiles into new, 100% recycled thread.

- Al-Enabled
- Robotic Assisted
- 100% Green Chemical
Our Advantages

- Strongest thread on the market which is made 100% from textile waste
- 50% cheaper than cotton thread
- 75% cheaper than other recycled threads
- 100% eco-friendly process which preserves dye color
Our Market

- Selling Refiberd thread B2B to textile brands & manufacturers
- Tremendous market size
- Market Growth at 9.2% CAGR

$961B  Global Textile Market

$92B  Global Thread Market

$9.2B  10% Global Thread Market
1. Pre-sale of Refiberd Embroidery
Validate Refiberd thread's manufacturing ability & consumer interest in recycled materials

2. Initial Pilots & Partnerships
LA brand partnerships with US based production lines as early customers and validators

3. US Textile Mills
Leverage brand interest for US textile mill fiber purchase and manufacturing

4. Validate for Scale
Demonstrate success to validate larger scale expansion to larger textile brands & mill production

Growth Plan
Our Founders

Sarika Bajaj
CEO
BD @ SRI International, R&D @ Intel,
Board of Directors @ Prototype PGH,
M.S. in Electrical and Computer
Engineering, & M.S. in Technology
Ventures @ Carnegie Mellon

Tushita Gupta
CTO
AI/ML Developer @ Intel, @ Intuitive
Surgical, and @ Atomwise. B.S. in
Electrical & Computer Engineering,
M.S. in Electrical and Computer
Engineering @ Carnegie Mellon

Ida Wang
CMO
BD @ Thermo Fisher Scientific,
@ Merck, and @ Volvo Group,
Environment Eval @ ECADI
M.S in Technology Ventures
@Carnegie Mellon
Current State

- Patent pending on textile recycling process
- MVP for our textile sorting process
- Carnegie Mellon’s VentureBridge Accelerator
- UC Berkeley’s Regional NSF I-Corps Program
- Top 40 Finalist at SXSW 2021 Start-Up Pitch
- Launching Refiberd embroidery presale @ SXSW
Thank You

Today, less than 1% of material used to produce clothing is recycled into new clothing, clogging landfills and representing a loss of more than USD 100 billion worth of materials each year.

Refiberd is the 21st century solution that will change the world.

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