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- Consumer Psychology around Social Responsibility
- Economic Development through Local Fiber Production
- Ethical Fast-Fast Supply Chain Model Development
- Apparel End of Life, Textile Waste Recycling Systems
14.3 Million Tons of textile waste is discarded into landfills annually in the U.S.

It is estimated that 86% of discarded clothing and textiles go into landfills each year, with only 14% being recovered for reuse and recycling.

For every 100lbs of textile waste in landfills, 24 lbs of CO₂ is emitted into the atmosphere.

The annual recycling of 2 million tons of clothing/textiles has the impact equivalent to removing 1 million cars from US roads, greater than that of aluminum and glass.

**Textile Waste Statistics**

Photo Source: http://needlehappy.blogspot.com/2012/10/indiegogo.html
“Everything else (consumer products) is designed for you to throw away when you are finished with it. But where is ‘away’? Of course ‘away’ does not really exist”

- McDonough & Braungart”, 2002

Photo Source: Autumn S. Newell
Apparel Industry Reverse Supply Chain

- Consumer
  - Resale/Consignment
  - Donation
- Trash
- Landfill
- Charity Centers & Bins
- Private Bins
- Private Textile Sorters
- International Exports
- Fiber Conversion
- Consumers
Photo Sources:
https://caroline-merino.squarespace.com/?offset=1365611340000
Future Textile Waste Research Interests

Photo Source:
http://elenaworkshop.blogspot.com/2012/05/zero-wasteproject-zheng-cui-lansirina.html
http://www.coolhunting.com/design/levis-insulation.php
Thank you!