



# UTECH Mattress Dismantling and Recycling

NEWMOA Webinar  
April 2, 2015

[www.utec-lowell.org](http://www.utec-lowell.org)



UTECH  
Social Enterprises  
Source of Volume  
Process  
After Market

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## **UTEC founded 1999**

- Serving “proven risk” youth 16-24
- Focus on education, employment and reduced criminal recidivism

## **Social Enterprises**

- Culinary
- Furniture Design
- Mattress Recycling

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## **Mattress program begun 2013**

- Consultant work – Saint Vincent de Paul
- University pick-ups
- Low volumes

## **Business Ramped up in 2014**

- 7000 sq. ft. deconstruction space
- City of Lowell contract
- Aggressive pursuit of municipalities, hotels and universities
- Took in 6400 mattresses in 2014

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## Current State of Business

- Hauling 500 – 1000 mattresses/month
- Residential pick-up agreements
  - Lowell, Newburyport, Westford
- Transfer station pick-up agreements
  - Framingham and Acton
- University/School pick-ups
  - Ten schools in 2014
- Hotels
  - 5 hotels in 2014

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## Process

- Customers pay UTEC to haul
- UTEC pick-ups
  - Staff, youth and truck
  - Private driver and trailer
- Bedbug inspection and quarantine
  - PureHeat site inspection and training

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## Process

- Protective suits
- Goggles
- Masks
- Gloves
- Box cutters

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## Process

- Four cutting tables
- Youth and staff hand cut each mattress
- Everything broken down

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## Process

- Materials separated into piles and baled
  - Springs
  - Foam
  - Toppers
  - Flame retardant sheets
  - Cotton
- Target minimal amount of trash

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## After-Market Buyers

- Different buyers for different materials
- Most willing to pick up

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**For more information contact us:**

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