TODAY

NYSAR3 and SMART are Launching the Most Comprehensive Statewide Textile Recycling Initiative EVER in the USA

We hope that we are creating an Effective Model that can be Replicated

Impactful Initiatives in Other States:
- Massachusetts
- Connecticut
- Rhode Island
- New Hampshire
- New Jersey
TODAY

We are taking a big step towards RE-CLAIMING our Industry

For Decades Textile Recycling has been the black sheep of the Recycling family!

Paper and Plastics and Metals got all the attention.

And Textile Re-use was further shunned, though Re-Use is more impactful than even recycling!
**The Facts about Textile Waste**

The U.S. generates an average of 25 billion pounds of textiles per year.

- That’s about 82 pounds per U.S. resident.

Of that 82 pounds...

- 15% gets donated or recycled
- 70 pounds go to our landfills
- 15% ends up as trash

**AND THIS AMOUNT IS GROWING**

Between 1999 and 2009 the volume of ICTW generated grew by 45%, while the diversion rate only increased by 2%.

**That 85% adds up to about 21 billion pounds of discarded textile waste (15.6 billion pounds) per year**

More than 5.2% of all municipal solid waste generated in the U.S.

**Why Recycle Textiles?**

Clothing and textile recycling has major impact on reducing greenhouse gasses.

- 2 million tons of textiles are recycled each year in the U.S.
- That is equivalent to removing 1 million cars from America’s highways

**How Does This Compare to Other Recyclables?**

<table>
<thead>
<tr>
<th>Recyclable</th>
<th>Cars Removed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycled yard trimmings</td>
<td>170,000</td>
</tr>
<tr>
<td>Glass recycling</td>
<td>210,000</td>
</tr>
<tr>
<td>Plastic recycling</td>
<td>640,000</td>
</tr>
<tr>
<td>Aluminum recycling</td>
<td>1.3 million</td>
</tr>
</tbody>
</table>

**Donate, Recycle, Don’t Throw Away!**

According to the EPA, textile recycling has a major impact on reducing greenhouse gasses. And yet ... clothing is not typically considered a recyclable. While 2 million tons are recycled each year, there is a long, long way to go.
It is not only the textile waste that has been wasted.

For years, we have passed up on a potentially momentous opportunity!

To have an impact on the way our society relates to sustainability overall.
Textile recycling, more so than plastics or paper, has an EMOTIONAL appeal.

People develop powerful connections to their clothing. Think of your varsity letterman’s jacket or that old sweater you just can’t bring yourself to get rid of.
People hate tossing out the old clothes they love! That’s why clothing stays stuffed in the back of your closets for years!

Nobody hangs on to old plastic bottles for the better part of a decade!

*But without other convenient options, the clothing will eventually find its way to the landfill!*
Changing Mindsets

Treating the clothing we love with the respect of an:

*Extended life with Someone Else or a Second Life as Something Else*

Can help make people think more sustainably overall.
Making Sure to Vet Your Partners

We Recommend that you vet all for profits that have non-profit partners and all non-profits with Third Party Rating Agencies such as:

1. www.charitywatch.org
2. www.charitynavigator.org

SMART has worked to Develop and spread Industry Best Practices
- The SMART Bin Operators Code of Conduct
- Promotion of Responsible regulation that incorporate industry best practices
Bringing all stakeholders together:

Government, For-profit and Non-Profit

Is the KEY STEP towards creating a more

Transparent, Ethical and Effective
Textile Recycling ECOSYSTEM to Keep our Clothes Out of the Landfill.

NYSAR3 is Doing This
SMART’s Goals

1. Increase awareness of need to recycle textiles
2. Increase supply of textiles in marketplace
3. Decrease the amount of clothing and textiles in landfills
4. Offer help and expertise to government in developing programs to promote textile recycling and help find recycling company partners
5. Reduce cost to municipalities by reducing tipping fees associated with textile waste disposal
6. Funds raised by clothing collection can be used by communities for community projects, school programs and recycling education
7. Capture remaining 85% of textiles that are not being recycled – Donate, Recycle, Don’t Throw Away.
What do SMART Companies Do?

• Pre-consumer market
  • Acquire byproduct from textile/fiber companies
  • Repurpose material for consumer products
  • Wiping cloths, insulation, home furnishings...

• Post-consumer market
  • Acquire textiles from charity & commercial lines
  • Once graded, clothing is recycled
The Life Cycle of Secondhand Clothing

What happens to your donated or recycled used clothing?

On average, each American donates or recycles 12 pounds of apparel, footwear, and household textiles. Here’s what happens next...

Once a consumer determines that their clothing, shoes, handbags, or household textiles have reached the end of their useful life, materials are donated to a charity or should be recycled at a municipal recycling center as a final alternative to the landfill.

80%
Left with billions of pounds, charities resell their salvage to recyclers which raises significant revenue and is an alternative to the landfill. Secondhand clothing recyclers sort and separate these materials into three general classifications:

45%
REUSED AND REPURPOSED
Majority exported as secondhand clothing.

30%
RECYCLED AND CONVERTED
Reclaimed wiping rags are used in various ways as industrial and residential absorbents.

20%
RECYCLED INTO FIBER
Post-consumer fiber is used to make home insulation, carpet padding, and raw material for the automotive industry.

Only 5% ends up as waste.

Did you know?

Worn or torn, all dry clothing, shoes, and textiles can be donated or recycled.

Thrift Industry employs nearly 100,000 workers in the U.S. with over $1 billion in wages paid. In addition, private sector recyclers create an additional 15,000 to 20,000 jobs nationally.

Most private sector recyclers are small businesses with fewer than 500 employees. Every 1,000 lbs donated and recycled generates two man days of labor. Primary and secondary recyclers account for annual gross sales in excess of $700 million.

Charities and private sector combined handle 3.8 billion pounds annually. These tremendous volumes are recycled and processed due to a highly efficient industry. Your secondhand clothing goes through this entire process in just 30-60 days.

Sources:
3. CTR estimate.
4. EPA 2009 Federal MSW waste study.
5. CTR estimate.
Council For Textile Recycling

• Sister organization to SMART; 501c3 charitable org

Membership for MUNICIPALITIES is FREE OF CHARGE

• Goal is to educate public about textile recycling and to promote zero textile waste in landfills by 2037
• Members also include apparel manufacturers and retailers, charities, academics and textile recycling companies

• www.weardonaterecycle.org
Over One Hundred Years of Family Ragmen — Cut from the same cloth

In 1907 Solomon Schapiro immigrated from Lemberg, Austria, to begin recycling scrap metals and textiles under the company name S. Schapiro and Sons. Today, Bill Schapiro heads the family business, now called Whitehouse & Schapiro, a global textile trading company that fulfills industry demands across the country and around the world.

A FAMILY TRADITION SINCE 1907

THEN...

... AND NOW
### Our Regional Members are HERE TO HELP

<table>
<thead>
<tr>
<th>Company</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>A&amp;G Trading of NY Corp.</td>
<td>Elmhurst</td>
<td>NY</td>
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<tr>
<td>American Waste &amp; Textile, LLC</td>
<td>Newark</td>
<td>NJ</td>
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<tr>
<td>Bay State Textiles Inc.</td>
<td>Pembroke</td>
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<td>Big Hearted Books &amp; Clothing Inc.</td>
<td>Sharon</td>
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<td>Binny &amp; Bina, LLC</td>
<td>Lakewood</td>
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<td>CohenRags</td>
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<td>ErexCorp</td>
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<td>M &amp; M Recycling LLC</td>
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<td>Whitehouse &amp; Schapiro, LLC</td>
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<td>Windward Trading Group, Ltd</td>
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<td>Y-Pers, Inc.</td>
<td>Philadelphia</td>
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THANK YOU

We are excited about our partnership.