











Program Vision · Highlights · Next steps

ILLINOIS SUSTAINABLE TECHNOLOGY CENTER APRIL 2015

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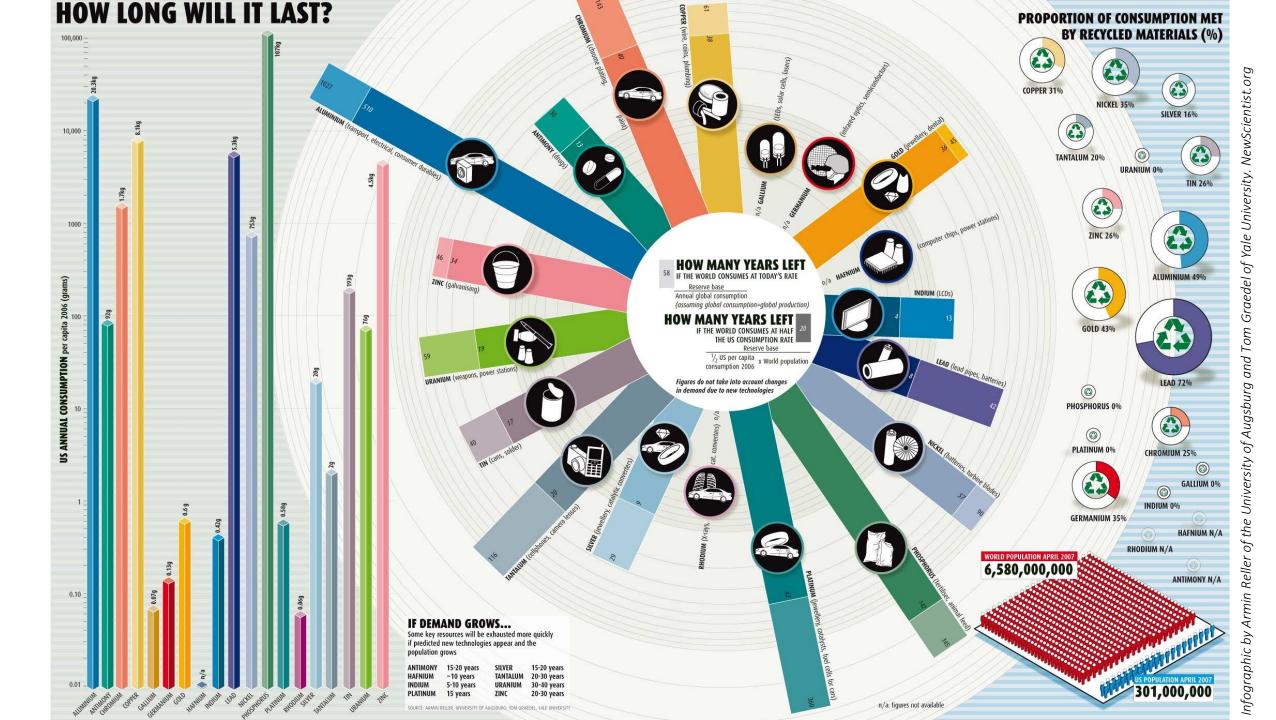


Internal Program Vision

Zero Waste is an approach to the way materials are handled through their entire life cycle.

In our vision of zero waste, materials are designed to cycle infinitely through phases of useful life, improving environmental and human health wherever possible.

In striving toward this vision, materials not designed for zero waste should be put to their highest and best use.



Zero Waste Saves

Illinois Sustainable Technology Center's staff of engineers and scientists provides a variety of cost-effective, sustainable materials management services.

We conduct research and technical assistance that help organizations minimize waste and increase recycling, leading eventually to zero waste. Our project work includes waste audits, supply chain optimization, recycling market research and recycling/compost program implementation.

istc.illinois.edu/zerowaste

2014 Highlights



Recipients of Zero Waste Program launch announcement Feb 2014

8

In-depth project with Illinois businesses/organizations

250,000 + pounds

Material diverted by Zero Waste Program

30

Organizational partnerships formed

3,248 pounds

Food scraps diverted from landfill through Chicago Compost Collection Network

2nd place

National Gameday Recycling competition (organics diversion)

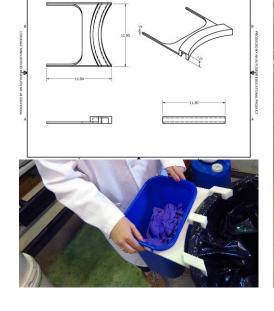


Material assistance

Opportunity: A new to find end markets and solutions for unique materials.

Solution: Partner with manufacturers/other programs/recyclers to create a robust network.

Status: Over 25,000 gloves recycled per month through campus.







Event assistance

Opportunity: A large portion of the material generated at events can be diverted.

Solution: Partner with various departments on campus to coordinate a zero waste homecoming game.

Status: Diverted over 60% (9 tons) of material from the event.



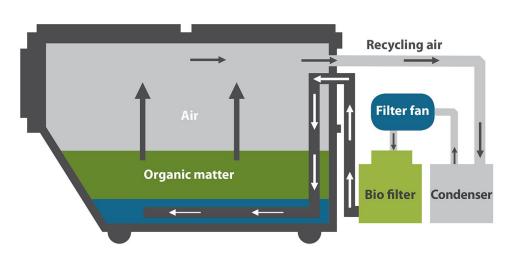


MSW Industry assistance

Opportunity: There is a growing demand for food scraps hauling and diversion in Illinois.

Solution: Assist Roy Strom Co. pilot the BioBin system through the DCEO FSCRAP grant.

Status: Since the program began in October they have sent over 15tons to a compost facility and enabled seven new establishments to divert food scraps as well.







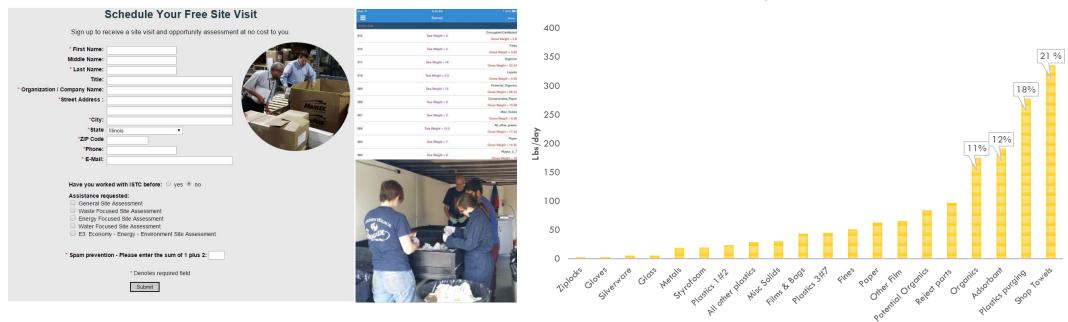


Manufacturing assistance

Opportunity: ISTC has three decades of experience working in manufacturing waste reduction assistance.

Solution: Assist Illinois manufacturers better understand or reduce their material generation.

Status: In 2014 we were able to divert and reduce over 200,000lbs of material.





Community assistance

Opportunity: With a growth in the recycling industry as well as increase in public awareness, out of home and on the go recycling could be viable.

Solution: Partner with communities to revaluate portions or all of their material handling processes and policies.

Status: Assisted two communities in 2014. Working with the Forest Preserve of Cook County to implement some of our recommendations in 2015.

















Retail, Hospitality, & Hospital Zero Waste

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Zero Waste Events

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Illinois Green Lunchroom Challenge Program

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To gain assistance or schedule a site visit, please contact the following or go to:

www.istc.Illinois.edu/sitevisit

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