



SUSTAINABLE FOOD WASTE MANAGEMENT THROUGH THE FOOD RECOVERY CHALLENGE

Feed People Not Landfills

The Food Waste Problem

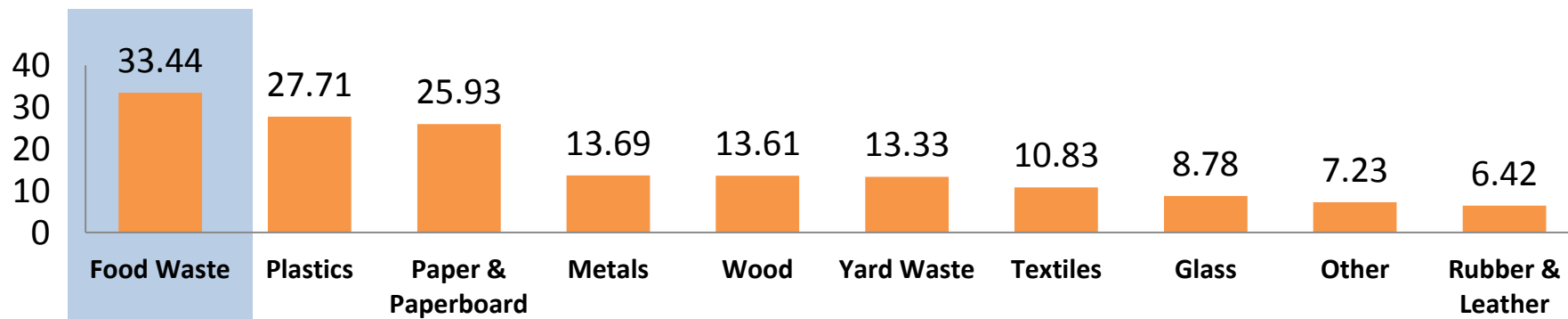
**Americans
waste
enough food
to fill the
Rose Bowl
every day.**

(Bloom 2007)



So how much food waste are we generating?

- **In total, about 34 million tons** of food waste was generated in 2009 (14% of the country's total waste stream) (Sitton, 2011)
- **Less than 3%** of food waste was recovered for reuse and recycling in 2009 (Sitton, 2011)



Food waste is a problem because it impacts the economy.

- Financially, wasted food costs America **more than \$100 billion** annually (Bloom, 2007)
 - Disposal cost of municipal waste management
 - Over purchasing costs
 - Cost of lost energy

It impacts society.

- **50 million Americans**, or 14% of American households, were food insecure in 2009 (USDA).
- Food insecurity can increase the likelihood for an individual to have **major health concerns**.

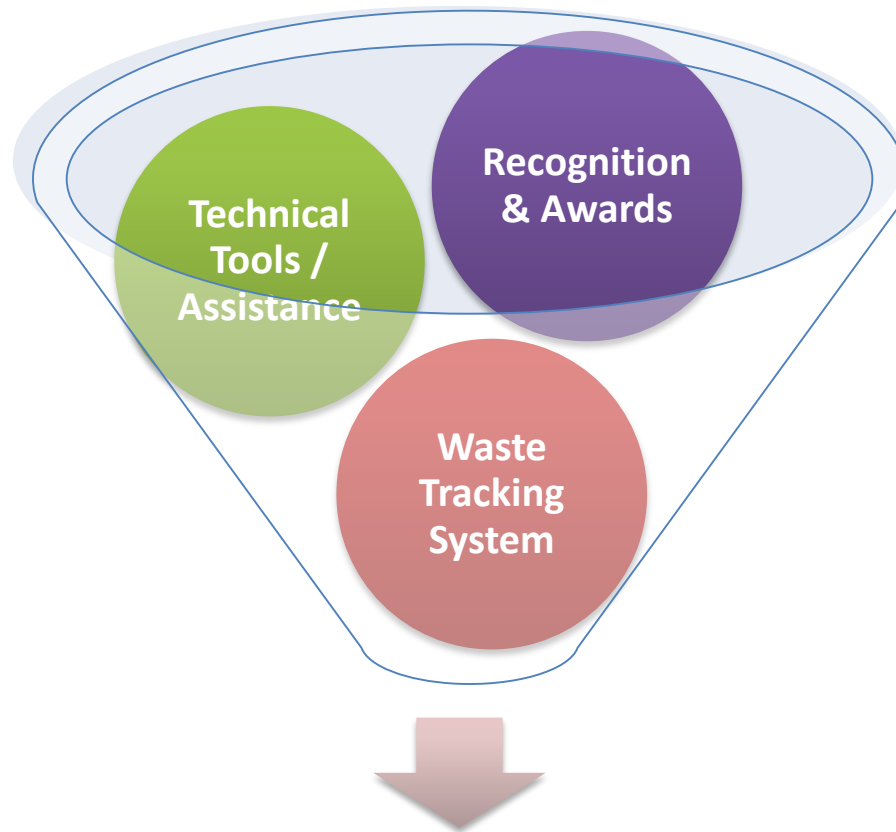


It impacts the environment.

- Food that enters a landfill produces methane, a greenhouse gas with **21 times** the warming potential of CO₂
- Food production impacts **water quality, soil productivity, and contributes to about 13% of the nations greenhouse gas emissions.**



One tool to reduce food waste is EPA's Food Recovery Challenge (FRC)



Cost Savings and Brand Recognition
Supporting Your Community
Reducing Environmental Impact

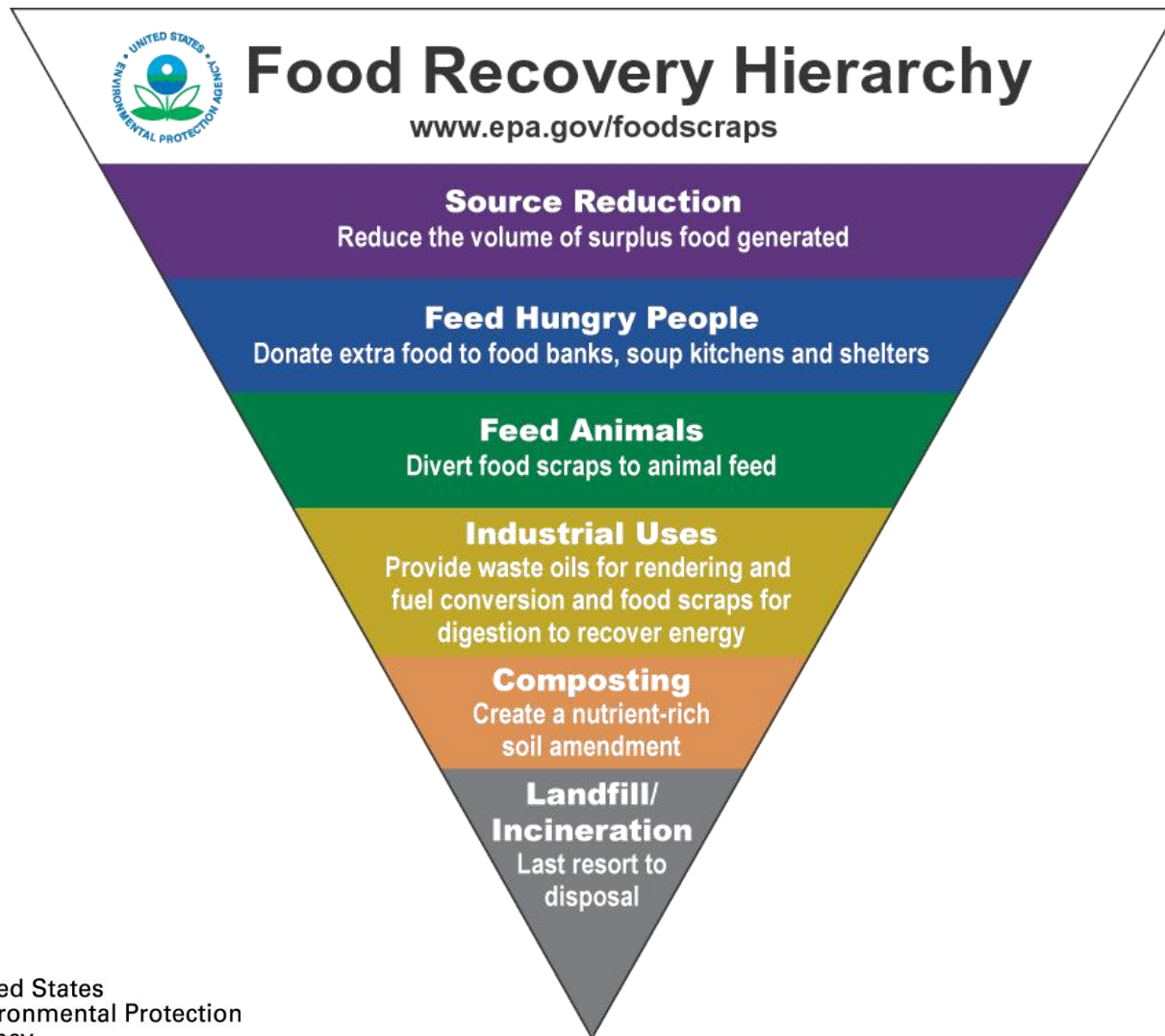
The FRC is a great tool to help you reduce your food waste.

- ✓ The FRC is a FREE, simple tool.
- ✓ You'll receive free technical assistance from regional EPA staff.
- ✓ Standardized metrics allow for easy comparison.
- ✓ Opportunity to learn about best management practices.
- ✓ Be recognized for your innovative work with food waste

Therefore, reducing your food waste can

- ✓ Reduce your costs
- ✓ Improve your image
- ✓ Feed your communities
- ✓ Protect your environment.

So how can you reduce your food waste and save money?



Sports Teams and Venues in EPA's WasteWise Program



Source Reduction Success Story

- Intel Corporation Cafes ([More Information](#))
 - Tracked all pre-consumer food waste on a daily basis for one year using computerized system
 - **Reduced pre-consumer food waste by 47%**
 - **Reduced costs per meal by 13.2%**



Donation Success Story

- Rock and Wrap It Up ([More information](#))
 - Collaborated with 150 bands, 200 schools, and universities, and 30 sports franchises
 - Collected more than **100 million pounds of food**
 - As of March 1, 2011, NHL Clubs provided **120,000 meals keeping 160,000 pounds of food waste from landfill**



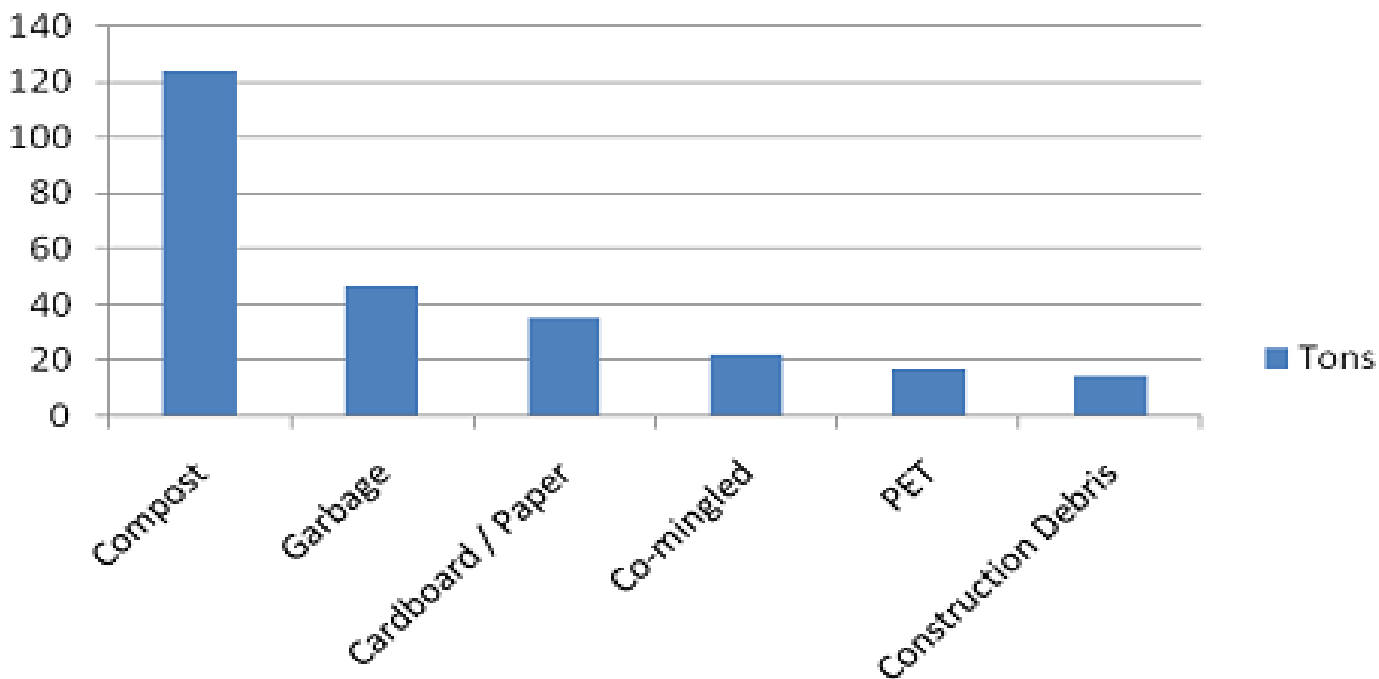
Composting Success Story

- Boston Convention and Exhibition Center
 - [\(More information\)](#)
 - **Saved \$27/ton** in avoided disposal costs with composting program
 - **Diverted 103 tons** of organics from landfills in 2008



MLB Success Story: Seattle Mariners' Recycling Rate = 81.9% with composting, 32.2% without

2010 Waste Streams (Apr - May)



Compost	123.75
Garbage	46.92
Cardboard / Paper	35.33
Co-mingled (glass, plastic, metal containers)	22.09
PET (water, soda, beer bottles)	16.95
Construction Debris	14.43



Join Now!

And... take a bite out of food waste!

<http://www.epa.gov/foodrecoverychallenge>

Four Easy Steps!

1. **Assess It!** Conduct baseline food waste assessment
2. **Commit to It!** Set a three year goal with a commitment to increase food reduction/diversion by 5% in the first year.
3. **Do It!** Undertake food waste reduction and recovery activities to meet your goals!
4. **Track It!** Report annually using WasteWise tool

The Green Sports Alliance and EPA's Food Recovery Challenge



EPA's Food Recovery Challenge Regional Contacts

Region	Contact	Email	Phone Number
1: CT, MA, ME, NH, RI, VT	Christine Beling	beling.christine@epa.gov	(857) 829-8259
2: NJ, NY, PR, USVI	Lorraine Graves	graves.lorraine@epa.gov	(212) 637-4099
3: DC, DE, MD, PA, VA, WV	Deb Goldblum	goldblum.deborah@epa.gov	(215) 814-3432
4: AL, FL, GA, KY, MS, NC, SC, TN	May Beth Van Pelt	vanpelt.marybeth@epa.gov	(404) 562-8615
5: IL, IN, MI, MN, OH, WI	Julie Schilf	schilf.julie@epa.gov	(312) 886-0407
6: AR, LA, NM, OK, TX	Golam Mustafa	mustafa.golam@epa.gov	(214) 665-6576
7: IA, KS, MO, NE	Gayle Hubert	hubert.gayle@epa.gov	(913) 551-7439
8: CO, MT, ND, SD, UT, WY	Benjamin Bents	bents.benjamin@epa.gov	(303) 312-6435
9: AZ, CA, HI, NV	Laura Moreno	moreno.laura@epa.gov	(415) 947-4240
10: AK, ID, OR WA	Ashley Zanolli	zanolli.ashley@epa.gov	(206) 553-4425
Headquarters Office	Jean Schwab	schwab.jean@epa.gov	(703) 308-8669