



EPA's Sustainable Food Management Program

December 3, 2015
Indiana Recycling Coalition

 **Rethink**

CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

Outline

- EPA Tools & Resources
- National/State & Local Outreach Efforts

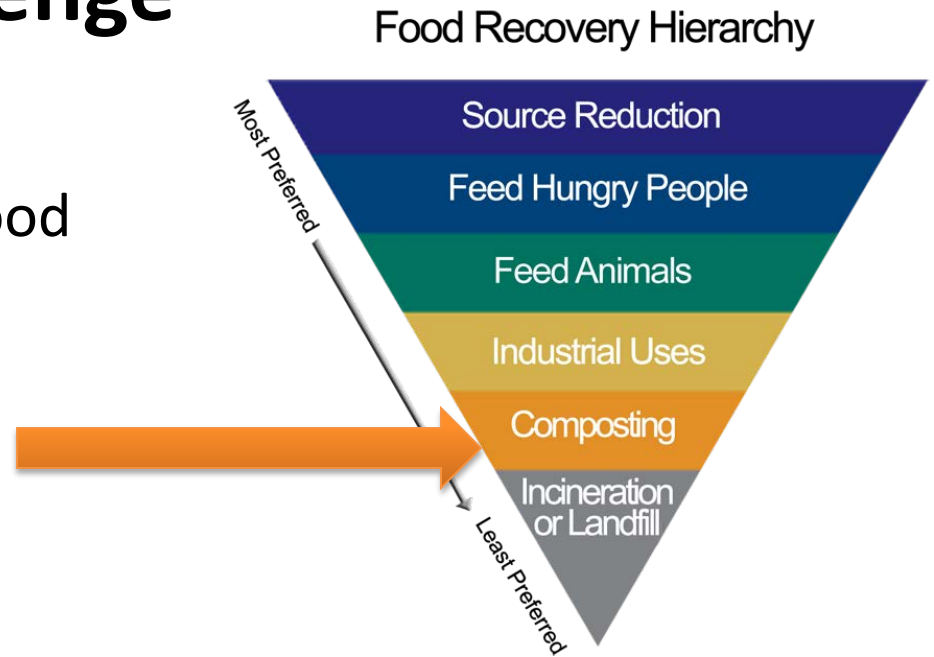


CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

Tools & Resources

Food Recovery Challenge

- Reduce and divert wasted food
- Technical Assistance
- Incentives



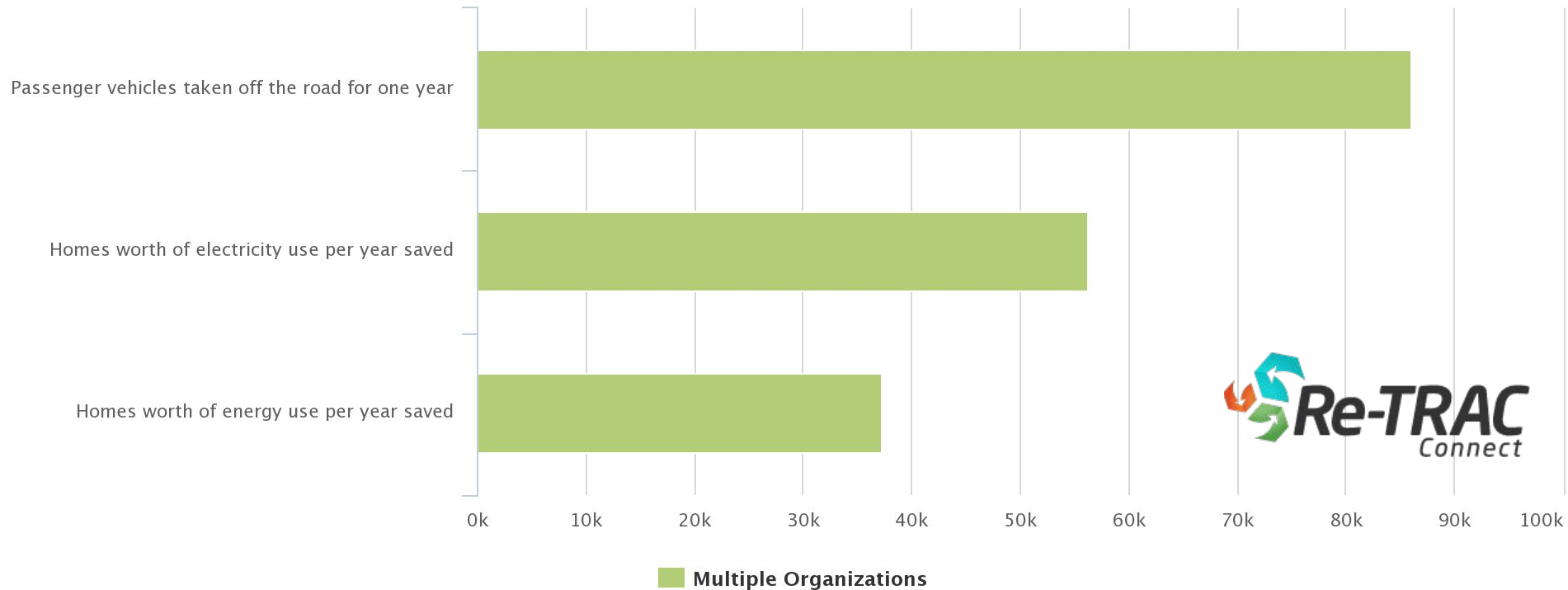
CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

Tools & Resources

Food Recovery Challenge Analytics

Environmental Benefits Analysis (Domestic Equivalencies)

January 01, 2014 – December 31, 2014



Tools & Resources

FRC Program Success to Date

- 800 Active participants nationwide
- Last year R5 reported over 250,000 tons diverted
- 20k + tons in donations to feed people

FOOD + RESCUE



Kroger

Disneyland

Minnesota Twins

Philly Eagles

Cleveland Indians

UIC

NHL

SuperValu

Forgotten Harvest

Atlanta Braves

Allstate Arena

Excel Energy Center

Red Sox

MGM Resorts

Seattle Mariners

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Tools & Resources

Instructional Outreach Material – Conducting a Food Waste Assessment

Purpose

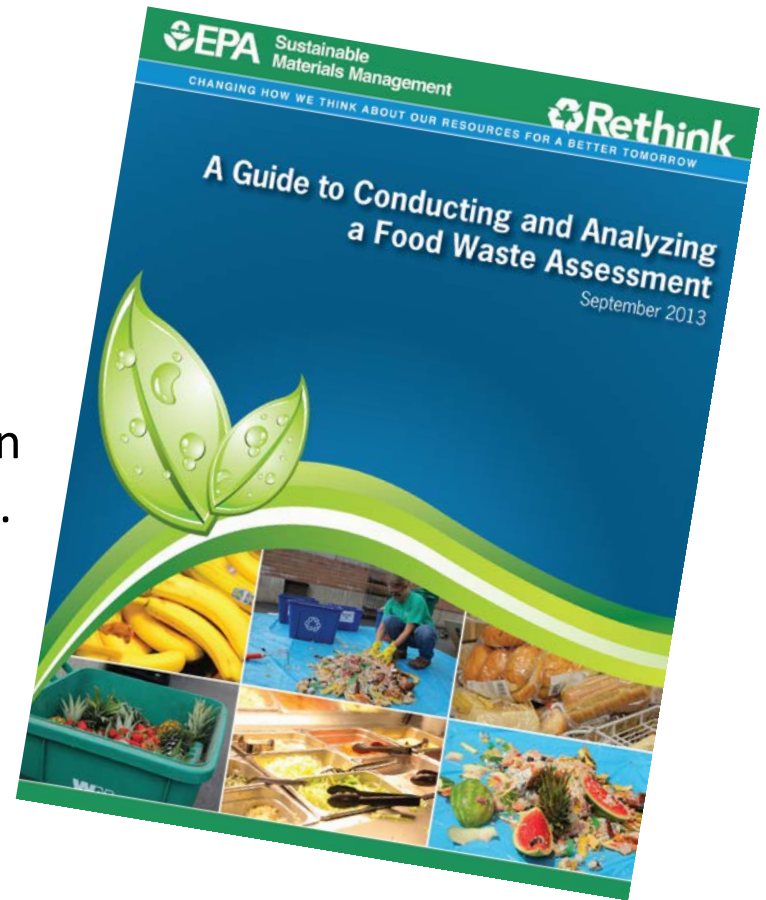
To provide new and potential FRC participants with instructional material on how to conduct a food waste assessment.

Objective

"What gets measured gets managed."

- Peter Drucker

Define clear, *measurable* goals.



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Tools & Resources

Wasted Food and Packaging Toolkit

- Purpose: To help food venues track and measure **food and packaging waste** generated throughout their operations in order to minimize waste, reduce costs associated with food waste, and prevent environmental impacts from disposed food and packaging waste.



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Tools & Resources

Wasted Food and Packaging Toolkit

- Customized logs and Excel Spread Sheet
 - Track daily amount, type and reason for wasted food & packaging
 - Tool generates customizable paper logs
 - Enter data into Excel spreadsheet tool
 - Tool creates graphs and data summaries to identify patterns
- Guidebook
 - helps turn audit results into action



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Enter Kitchen Food Waste Type

Enter the kitchen food waste type.

Bell Peppers

The Data Entry form should be filled once a week by the appointed food waste manager. If necessary, please use the **Conversion Helper** tab to help convert the individual food waste amounts.

Once the data has been entered, please click on the "Store Data" button. A summary of the waste data can be entered.

Week starting date for food waste audit:

How many different venues are included in the audit for the selected week?

Food waste managers that have communicated with their kitchen staff to track individual food waste types (e.g., "hot dogs") and packaging waste types (e.g., "plastic cups") will now be able to enter food or packaging waste amounts (in pounds) for individual material types.

Add Kitchen Food Waste Row

Add Kitchen Packaging Waste Row

Add Plate Waste Row

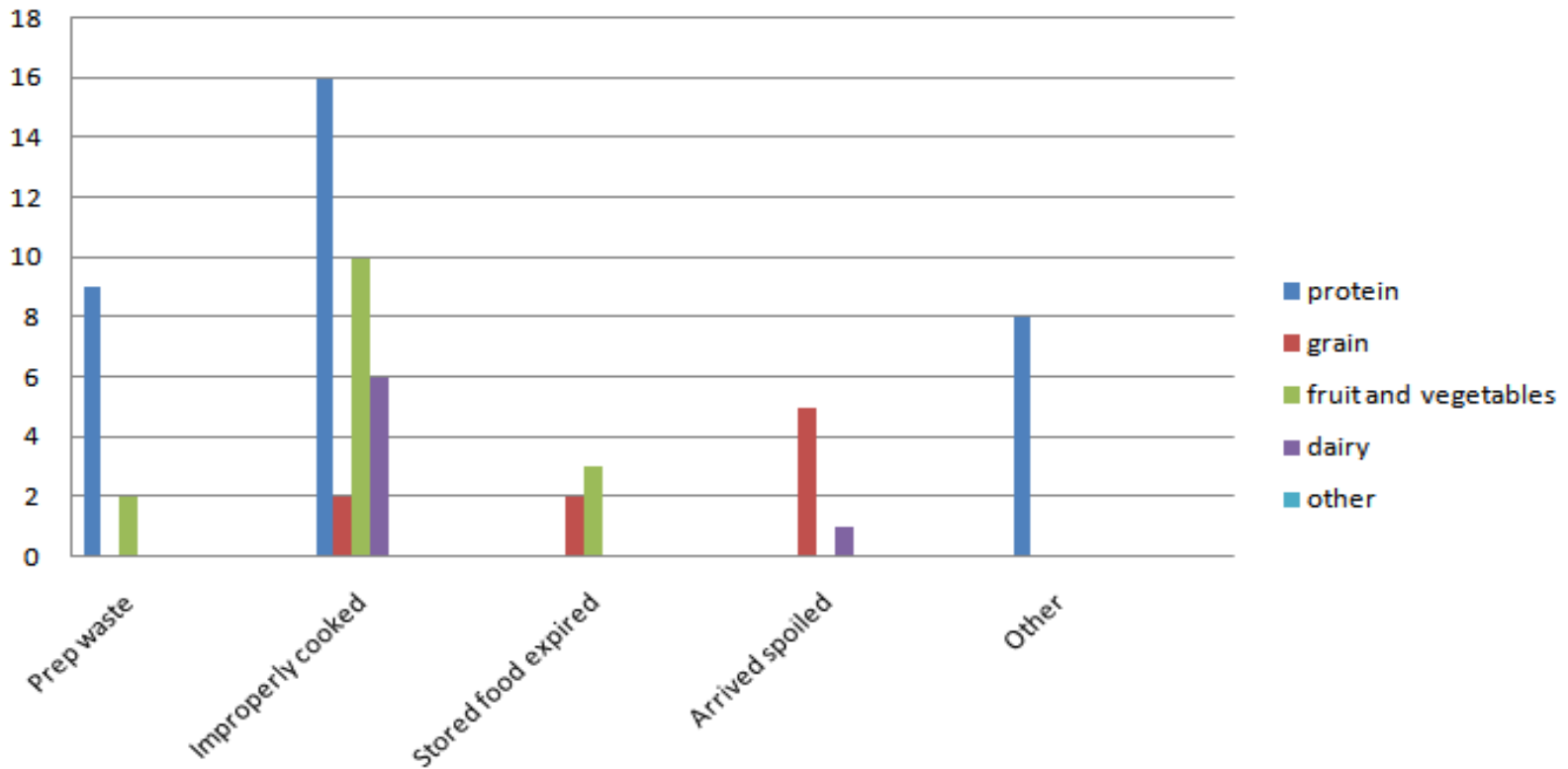
Venue Name		Monday			Tuesday		
Kitchen Food Waste	Recorded By (Name)						
	Daily Event <i>(e.g., lunch, special event)</i>						
	Quantity of Waste (ENTER POUNDS)	Pounds of Waste	Loss Reason	Waste Destination	Pounds of Waste	Loss Reason	
	Protein						
	Grain						
	Fruits and vegetables						
	Dairy						
Other							

Tools & Resources

Wasted Food and Packaging Toolkit Results and Outputs

- Table of summarized data
- Graphs of data to help easily identify patterns

Kitchen Food Waste by Loss Reason



Region 5 & National Organics Work

Industry/Recycling Infrastructure Outreach

- BioCycle, USDA, USCC
- Regional & State assistance – Compost and AD



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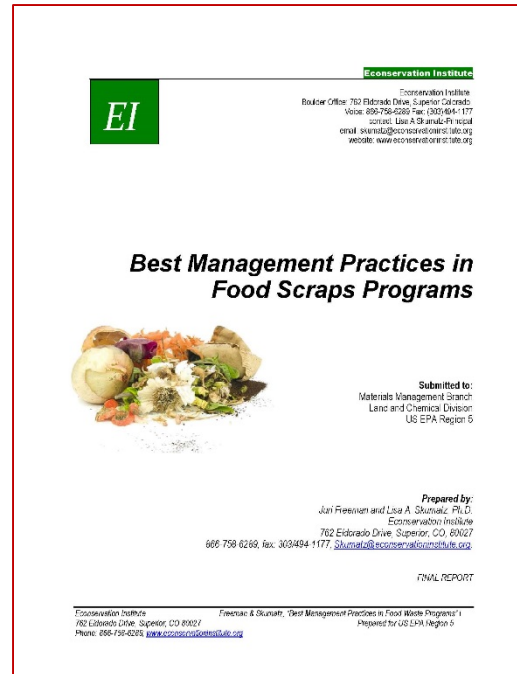
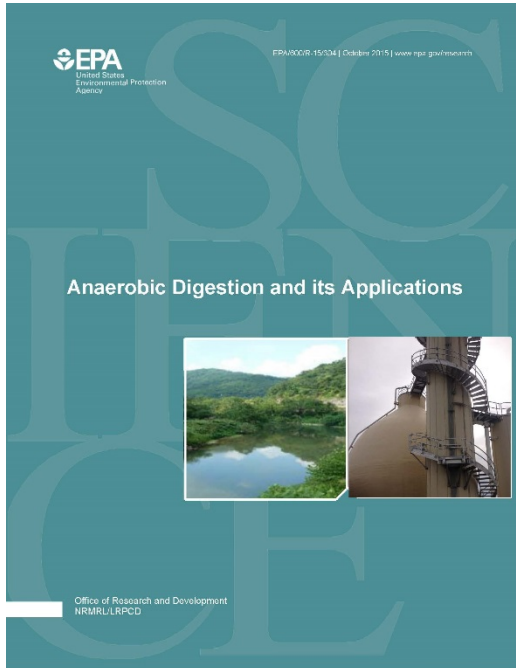
Outreach Efforts – Region 5

- Includes staff from P2, SMM, and Subtitle D programs
- Working to coordinate/leverage resources
 - Food Recovery Challenge
 - State/local program support
 - P2 priority areas
 - School food waste prevention grants
 - MVD communities
- Other State & Local Efforts
 - Illinois Food Scrap Coalition
 - FTGTW
 - Current Grants
 - MN – MnTAP
 - IL – ISTC



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Outreach Efforts



Resource Guide on Food Scrap Compost Facility Training for Region 5 States and Operators



Julie Schilf
EPA Region 5



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Outreach Efforts

- Region 5 is looking at possible market development opportunities:
 - Compost for stormwater management
 - Increasing the amount of compost in potting soil mixes
 - Using compost as a ground cover after residential demolition (Detroit for example)
 - Including compost in manufactured soil mixes that use dredged materials
 - Using compost as a soil amendment to increase soil carbon vis a vis the Marin Carbon Project



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Outreach Efforts



Food: Too Good To Waste

- Strategy : Develop and test scalable model featuring a Community-based Social Marketing (CBSM) approach to foster food consumption behaviors that reduce wasted food
- This toolkit includes strategies and tools that have been linked to a **25% reduction** in household wasted food among pilot participants. The best results come when a group or community of households use it together.



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Outreach Efforts



Food: Too Good To Waste

- **Smart Shopping:** Buy what you need
- **Smart Storage:** Keep fruits and vegetables fresh
- **Smart Prep:** Prep now, eat later
- **Smart Saving:** Eat what you buy



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Sustainable Food Management

- Food Recovery Challenge

 - <http://www2.epa.gov/sustainable-management-food/food-recovery-challenge-frc>

- Tools and Resources

 - <http://www2.epa.gov/sustainable-management-food/tools-assessing-wasted-food>

- Outreach

 - Food: Too Good To Waste

 - <http://westcoastclimateforum.com/food>

 - Sustainable Materials Management Webinar Series

 - <http://www2.epa.gov/smm/sustainable-materials-management-web-academy>

 - Sustainable Materials Management (SMM) Web Academy Webinar: State Policies to Increase Organics Diversion from Landfills: MA and VT one year in and CA the new kid on the block



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Sustainable Food Management

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