



FORM

FOOD & ORGANIC RESIDUAL REDUCTION MANAGEMENT

MEMBERS

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United States
Environmental Protection
Agency

Food Recovery Hierarchy

Most Preferred

Source Reduction

Reduce the volume of surplus food generated

Feed Hungry People

Donate extra food to food banks, soup kitchens and shelters

Feed Animals

Divert food scraps to animal feed

Industrial Uses

Provide waste oils for rendering and fuel conversion and food scraps for digestion to recover energy

Composting

Create a nutrient-rich soil amendment

Landfill/ Incineration

Last resort to disposal

Least Preferred

EPA FOOD RECOVERY HIERARCHY

- SOURCE REDUCTION
 - WE ALL WASTE FOOD, WE CAN ALL WORK TO REDUCE WASTING FOOD.
- FEED HUNGRY PEOPLE
 - IN FAR TOO MANY CASES STILL-GOOD, WHOLESOME FOOD LANDFILLED, WHILE MANY EXPERIENCE “FOOD INSECURITY”
- FEED ANIMALS
 - WHEN DONE SAFELY (CONSIDER ANIMAL HEALTH AND SAFETY PROTOCOLS), THIS CAN SAVE FARMERS & COMPANIES MONEY
- INDUSTRIAL USES
 - USING FOOD WASTE TO CREATE BIOFUELS (I.E.: DIGESTION, BIODIESEL, ETC.)
- COMPOST
 - TURNING FOOD WASTE INTO SOIL NUTRIENTS (BACKYARD, LARGE-SCALE)
- LANDFILLING/INCINERATION
 - ASSUME ENERGY PRODUCED

INITIAL PROJECT IDEAS

- SOURCE REDUCTION
 - CREATE A WISCONSIN SPECIFIC NUMBER FOR THE PER POUND COST OF FOOD WASTE DISPOSAL FOR FOOD PROVIDERS BASED ON LOCAL HAULING AND DISPOSAL RATES.
 - RESEARCH ANY COST ANALYSIS TOOLS THAT FOOD PROVIDERS USE TO DETERMINE THE AMOUNT OF FOOD TO ORDER AND DETERMINE IF THEY ARE ACCURATELY PORTRAYING THE COST OF FOOD DISPOSAL.
 - EDUCATION ON FOOD DATE LABELING
- FEED HUNGRY PEOPLE
 - WORK WITH FOOD PANTRIES AND LAWYERS TO CREATE AN OUTREACH DOCUMENT FOR SPECIAL EVENTS - HOW TO SET UP FOOD DONATION PLAN PRIOR TO EVENT SO THAT FOOD THAT IS STILL GOOD MEETS DONATION STANDARDS & BE KEPT SEPARATE FROM FOOD THAT DOESN'T
 - EVALUATE GAPS IN LOGISTICS FOR MOVING/STORING STILL-GOOD FOOD TO PANTRIES/SHELTERS

INITIAL PROJECT IDEAS

- FEED ANIMALS
 - WORK WITH DATCP, THE UW VETERINARY SCHOOL AND THE DNR TO CREATE A FLOW CHART COMPANIES CAN USE TO DETERMINE IF THEIR ORGANIC MANUFACTURING WASTE WOULD BE ACCEPTABLE FOR ANIMAL FEED-
 - INCLUDE ANIMAL TYPE SUITABILITY AND WHAT USDA/APHIS REQUIREMENTS THEY WOULD HAVE TO MEET.
- INDUSTRIAL USES
 - CREATE AN OFFSHOOT OF THE MARKETS DIRECTORY FOR ORGANIC MATERIALS SUCH AS CARCASSES, FATS/OILS/GREASE (FOG), LIQUID INDUSTRIAL ORGANICS, EVENT (SMALL/MEDIUM-SIZED) POST-CONSUMER FOOD WASTES ETC.

INITIAL PROJECT IDEAS

- COMPOST
 - CREATE A LISTING/MAP OF ALL OPERATIONS TAKING FOOD WASTE -UNLICENSED ON-FARM COMPOST OPERATIONS, LICENSED COMPOST OPERATIONS AND ACTIVE MUNICIPAL SOLID WASTE LANDFILLS (LIST TIPPING FEES)- DISTRIBUTE TO GROCERY STORES IN THE STATE WHO WANT A FOOD COMPOSTING PROGRAM AS DECISION-MAKING TOOL
 - SURVEY YARD WASTE COMPOST SITES-DETERMINE INTEREST AND/OR SUITABILITY FOR ADDING SOURCE SEPARATED ORGANICS
- LANDFILLING/INCINERATION
 - RESEARCH THE IMPACTS OF REMOVING ORGANICS FROM MSW LANDFILLS ON LEACHATE AND GAS GENERATION AND VOLUME REDUCTION OF THE WASTE MASS.
 - CREATE A COST ANALYSIS COMPARING THE AMOUNT OF MONEY LANDFILLS RECEIVE PER TON OF FOOD WASTE AND THE AMOUNT THEY SPEND MANAGING ORGANICS ONCE LANDFILLED.



OTHER PROJECTS AS RESEARCH UNFOLDS