

# IOWA WASTE EXCHANGE



**Assisting Iowa Business and Industry  
to Reduce Reuse and Recycle**

# Mission of the IA Waste Exchange

Assist Iowa business and industry to reuse and recycle by-products and wastes that would otherwise end up in the landfill

**Free - - Confidential - - Non Regulatory**



# IWE is a grant-funded program of the Iowa DNR



## My Program Partners:

- ▶ Iowa DNR
- ▶ Region XII Council of Government
- ▶ Waste Commission of Scott County
- ▶ Iowa Economic Development Authority
- ▶ Iowa Waste Reduction Center

## Program Clients:

- ▶ Manufacturers / Industry
- ▶ Commercial businesses, large office buildings, retail stores
- ▶ Institutions - hospitals, schools, churches
- ▶ Municipalities
- ▶ Non-profit entities
- ▶ Recyclers, landfills, new business ventures

# Types of Assistance

- ▶ Types / quantities of waste generated
- ▶ Recycling markets for waste
- ▶ Re-usable materials to meet production needs
- ▶ Waste reduction strategies
- ▶ Waste audits
- ▶ Waste management plans
- ▶ Funding opportunities
- ▶ Educational programs

# Program Benefits

## Economic and Environmental

- ▶ Avoid disposal cost
- ▶ Avoid material purchase
- ▶ Receive payment for re-usable and recyclable materials
- ▶ Identify and correct inefficiencies in processes
- ▶ Protect the environment
- ▶ Avoid regulatory compliance/liability issues



Shrink Wrap  
Pallets  
Office Paper  
Foundry Sand

55 Gallon Drums  
Cardboard  
Plastics

Cotton Fabric  
Rubber Mats  
Scrap Metal  
Sawdust

Organics  
Derelict Buildings  
Special Wastes

I work with **ALL Types** of materials

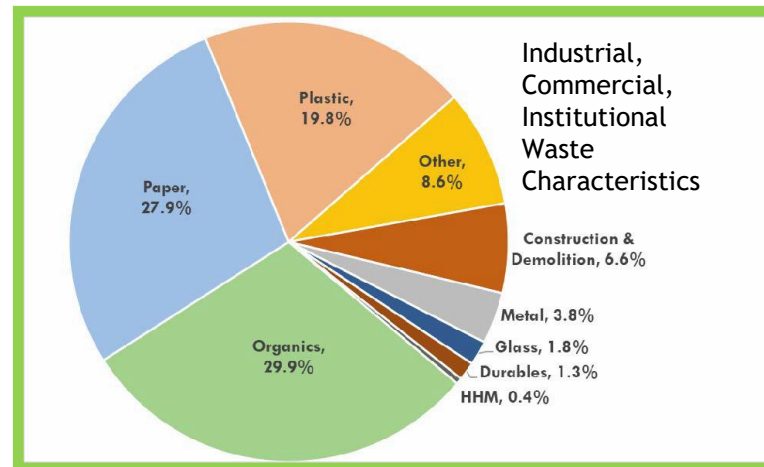
Small or large quantity  
Generated daily or only once  
Non Hazardous and Special Wastes

# I am a Match-Maker

- ▶ Broken pallets → repair or mulch/animal bedding
- ▶ Paper/cardboard → recycler to paper mills for reuse
- ▶ Safe scraps from industry → art materials
- ▶ Plastics → recycler to raw material for new plastic goods
- ▶ Feed sacks → Waste-to-energy at a cement plant
- ▶ Meat Scraps → Anaerobic Digester to produce methane for electricity

**IWE Database of Available Materials**  
**[www.iowadnr.gov/iwe](http://www.iowadnr.gov/iwe)**

**IADNR Waste Characterization Study 2017**  
**[www.iowadnr.gov/faba](http://www.iowadnr.gov/faba)**  
**“Studies and Reports”**



# Steps to Increase Recycling at your Facility

- ▶ **Identify waste streams**

  - Start with the easy materials - large quantity, ready markets, waste easily separated

- ▶ **Work with IWE, vendors and recycling markets to place waste materials**

  - estimating quantity is important
  - sometimes packaging is important

- ▶ **Educate all employees**

- ▶ **Make recycling convenient**

  - bin placement, clear signage

- ▶ **Audit to check progress**





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