

IOWA WASTE EXCHANGE

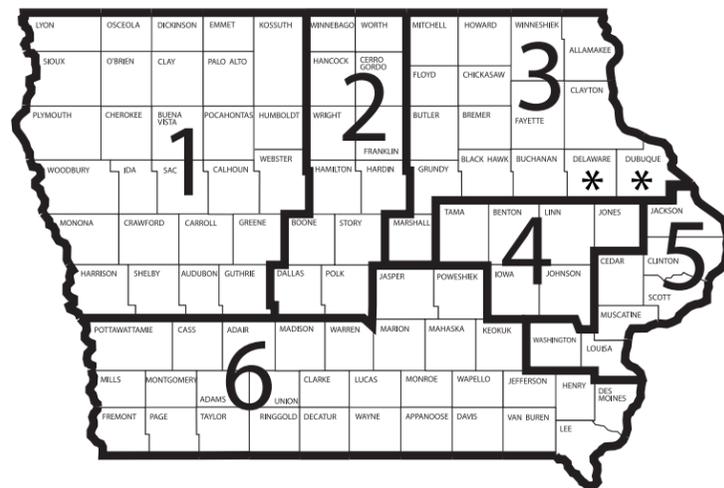
The Iowa Waste Exchange (IWE) is the product of a partnership of the Iowa DNR and the Economic Development Authority, with assistance from the Iowa Waste Reduction Center. Many industries, businesses, and institutions dispose of items and materials that others can use.

IWE Resource Specialists help anyone looking to obtain specific items or materials, and match them up with anyone who has items or materials they are looking to give. Businesses, schools, hospitals, and communities are encouraged to take advantage of the IWE's free, non-regulatory, and confidential services.

IWE Resource Specialists can provide a wide range of assistance:

- Identifying viable markets for waste materials. A basic IWE principle – never rule out a waste stream.
- Helping locate and access markets for recyclable commodities.
- Finding environmentally stable solutions for unmarketable waste streams, such as outdated chemicals.
- Drafting and/or reviewing standard operating procedures for handling waste streams.
- Writing waste management grant applications for clients, and reviewing and commenting on client-drafted applications.
- Getting involved in numerous special programs and projects, including participating on recycling committees, in workshops, and at recycling events.

IOWA WASTE EXCHANGE PRIMARY SERVICE AREAS



IOWA WASTE EXCHANGE 2011 STATISTICS	
Number of companies assisted (in house)	1,432
Number of companies assisted (on-site)	1,991
Number of material matches	851
Tons of materials matched	92,310
Total cost savings for Iowa companies	~\$3.2 million

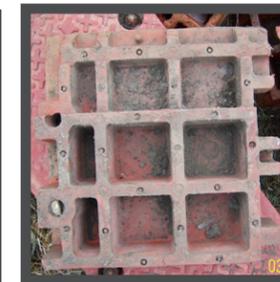
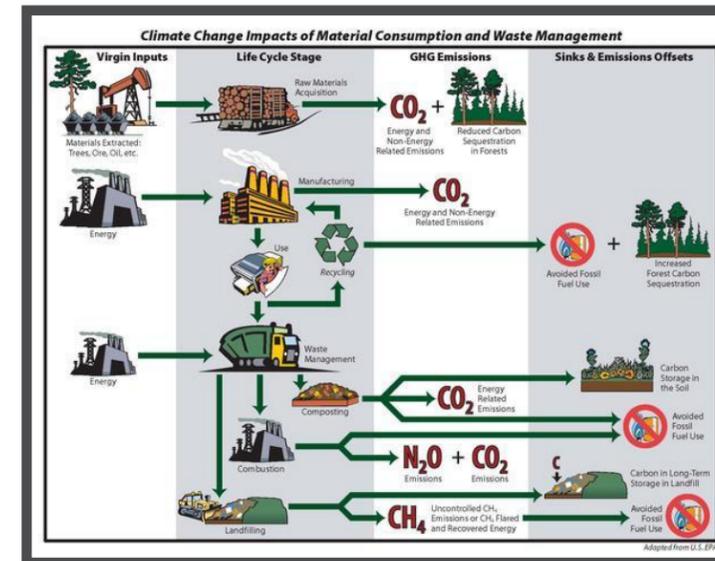
2011 IWE SUCCESSES

IWE facilitated the match of about 20 semi-truck loads of used wooden crates (465,000 pounds) from the Iowa Army Ammunition Plant in Middleton to Tomorrow's Resources in Pella; this included referral to a Regional Collection Center for free paint to refurbish the crates to sell and re-use.



2011 IWE SUCCESSES (continued)

The IWE used the US-EPA Waste Reduction Model (WARM) for estimating Greenhouse Gas (GHG) emissions, to show that 171,345 tons of material the IWE helped divert during FY2010 had resulted in the reduction of 83,668 tons of GHG emissions – equivalent to the emissions from consumption of 9,379,821 gallons of gas, the electricity use of 10,154 US homes for one year, or the consumption of 194,577 barrels of oil.



IWE found an alternative use for approximately 70 cubic yards of red rubber railroad crossing material being removed from streets in Webster City to go to DNR equestrian trail armoring. The DNR trail crew - a group of AmeriCorps members specifically assigned to maintaining Iowa's trail systems – got the old railroad crossing mats dug in and pinned with dirt and built up rock over the top to provide a grade reversal to divert water and prevent erosion.



IWE Representative Ben Kvigne matched some 300 plastic magazine holders from a Dubuque public library renovation to an elementary school to organize classrooms' books and resources; as well as the library's two microfilm readers and a collection of the Iowa Journal of History and Politics with a local historical society.



FOR MORE INFORMATION

To learn more about the IWE and its progress over the past year, go to www.iowadnr.gov/FABA

DNR Contact:

Bill Blum • 515.281.8176 • Bill.Blum@dnr.iowa.gov