



# Reduce Re Use News Cycle Think

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## Local Action and Regional Impact

### Coming Soon : SE Florida Regional Climate Leadership Summit

It's important to remember that recycling and related resource conservation efforts do positively impact global climate change issues. Most people understand water and electrical energy conservation because behavior modifications can yield immediate changes in our utility bills. Recycling and sustainable solid waste disposal have similar impacts that are not so obvious.

Here's how your efforts make a difference:

The ENERGY SAVED by using RECYCLED materials versus VIRGIN MATERIAL is up to:

|                   |                  |
|-------------------|------------------|
| 95 % for ALUMINUM |                  |
| 75 % for STEEL    | 90 % for PLASTIC |
| 66 % for GLASS    | 60 % for PAPER   |

The energy savings are partly the result of fuel saved by NOT transporting raw materials from distant sites in Australia, China, USSR, India, South America, and the Middle East. Lower energy demands also occur during manufacturing when recycled materials are used.

A 2008 EPA study analyzed energy savings from one year of recycling and composting in the USA:

- ◆ Equivalent to Reducing Carbon Dioxide Emissions by 182 Million Metric Tons
- ◆ Comparable to Annual GHC Emissions from More than 33 million Passenger Vehicles
- ◆ Saved 1.3 Quadrillion BTU of Energy, the Equivalent of Over 10.2 Billion Gallons of Gasoline

It's pretty clear that our recycling efforts can have a significant impact on climate change challenges. To address these issues, the Monroe County Solid Waste and Recycling Department is seeking new ways to reduce our waste, increase local recycling and improve our collection and transport of materials. You can help too by expanding your 4 R efforts at home and at work.

**It all adds up when we all pitch in!**

### THURSDAY, DECEMBER 8<sup>th</sup>

8:30 a.m.

**Workshop Registration**

9:00 – 12:00 p.m.

**Workshop [Optional]:  
Opportunities and Challenges in  
Energy Financing Programs  
for Homes & Businesses**

12:00 – 1:00 p.m.

**Summit Registration ∞ Refreshments**

1:00 p.m. – 5:00 p.m.

**Welcome  
Impacts of Sea Level Rise  
Accomplishments  
Prosperity and Sustainability  
Powering a Sustainable Florida  
What's In It for Business  
Model for the Nation**

**Exhibitors & Booths**

5:00 p.m. - 8:00 p.m.

**Reception ∞ Luau Dinner  
Keynote Speaker: Bryan Norcross  
of The Weather Channel**

### FRIDAY, DECEMBER 9<sup>th</sup>

7:30 a.m. – 8:00 a.m.

**Keys Breakfast  
State Energy Program &  
Local Grant Activities**

8:00 a.m. – 12:00 p.m.

**Welcome  
Planning for Success  
Scientific Basis for the Action Plan  
Sustainability & Prosperity  
Maintaining Momentum  
Next Steps**

**Location: Monroe County Government Center MM 102  
102050 Overseas Highway, Key Largo, FL**

**Register : Monroe County Regional Climate Leadership Link**

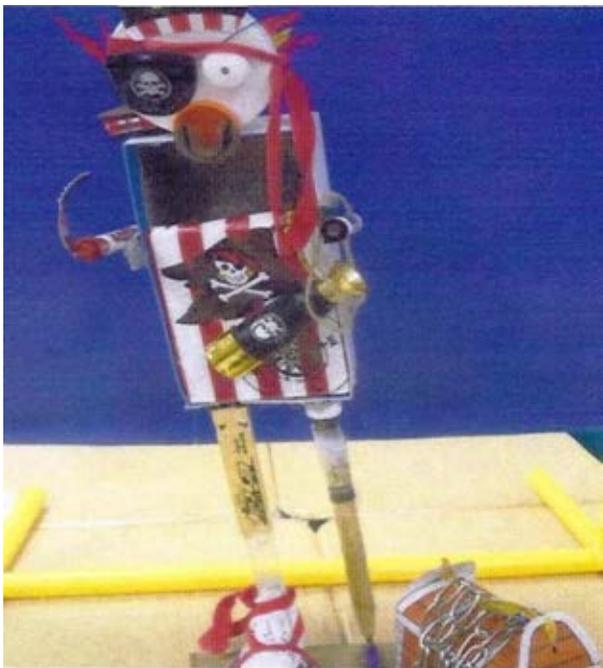
**Or visit : <http://www.monroecounty-fl.gov/index.aspx?NID=525>**

**Congratulations To America Recycles Day School Challenge Winners !**

Some Keys students recently took advantage of Monroe County's 4R competitions to challenge their creative skills by recycling and reusing materials to create sculptures and HalloGreen costumes. **Top entries will be receiving awards from local businesses before Christmas.**

Lots of classes also did recycling projects to celebrate national and local efforts to promote recycling and some students also signed pledges to "lead by example, increase recycling efforts, learn what can be recycled, and tell friends to help conserve resources." **Teacher Katrina Maddock helped lead the pledge drive at Gerald Adams with nearly every student submitting pledges!** Pledges were entered in a local raffle and they will also be entered in a statewide competition.

**Top recycled sculpture entries included (by school):**  
**Poinciana Elementary School-**



Pirate Captain by **Zach West, John Mott, Martin Wyrwicki**

Fly Away Recycled Butterfly by **Samantha Molback and Jefflyne Desilme**



**Gerald Adams Elementary- Gabriella Reza's 4RGuitar**



**Plantation Key School- Crazy Cat Lady by Alex De Toro and Tara Amador**



**Key Largo School- Recycling Robot by Brittney Monteagudo, Janell Guillen, Taylor Albury and Ivan Mendoza**



**HallowGreen costumes created with recycled materials:**

Entries from **Poinciana Elementary School- Pirate Dancer - by Angel Thomas, Camille Herce, Megan Atwell, and Madison Garcia, Taylor Kimbler and Jade Williamson**

Recycling Bin- Teacher Kimberly Weidner's Fifth Grade Class Project

**Raffle winners from America Recycles pledge drive: Kevin Lopez from Key Largo School Elisha Reese and William Horn from Gerald Adams ES**

The Monroe County Recycling Department would like to thank all the students and teachers who participated in the competition. **Look for more contests in April !**



## Post Holiday Green Up Days!



### Electronics (E-Waste) Recycling & Household Hazardous Waste (HHW) Disposal

**Saturdays, 9am to 1 pm**

**January 7th  
County Public Works Yard, Marathon  
10600 Aviation Boulevard**

**January 21st  
Key Largo Recycling Center  
300 Magnolia St at MM 100.3**

**January 28th  
Cudjoe Transfer Station  
Blimp Road at MM 21.5**



Sponsored by Monroe County and the City of Marathon



*"What Can I Bring?"*

#### **E-WASTE:**

**Monitors  
Computers  
Televisions  
Telephones/  
Cell and Land  
FAX machines  
Printers/copiers  
DVD/VCR Players  
Radios & Speakers  
Discs and Cassettes**

*Come on ...  
PLEASE  
Recycle  
Me!*



#### **HHW:**

**Paints, stains, preservatives  
Roofing 'compounds  
Resins & Solvents  
Adhesives / caulks  
Corrosives - acids  
Cleaning products  
Automotive fluids  
Waste oil—5 G Max  
Pesticides & Fertilizers  
Fluorescent & CFL bulbs**

**FREE for Unincorporated Monroe County, Key West, Marathon, Key Colony Beach, Layton and Key Largo Residents. Call 305 289-6037 for information about: acceptable items, regular collection hours/ locations for e-waste and HHW disposal, commercial fees and limitations.**

## More 4R Opportunities and Local Stories

### Clean-ups Celebrate America Recycles Day on November 15th

Twenty volunteers worked together on three Saturday mornings in November to clean shoreline and neglected roadways. As always, sentiments ranged from “disgusted” when clean beaches and roads were visible at the end of the morning. Reef Relief, TRASHED in the Keys, and the Overseas Heritage Trail helped recruit volunteers for the clean-ups.

Our volunteers included families and kids, community elders and high school students, local activists and a recent college grad who had just bicycled from Massachusetts en route to South America. Over five thousand pounds of trash were collected along the County beach



property on Coco Plum in Marathon, the Big Coppitt County Park and boat ramp access area, and the Harry Harris Park and neighborhood.

The Recycling Department would like to thank all participants and our most essential business sponsors: **Waste Management, Marathon Garbage Service, and Keys Sanitary Services.** A special thanks also goes to **Blue Planet Kayak** and **FL Keys EcoTours** for the use of their kayaks! Now all we need are a few more volunteers like **Vincenzo Massaro, Jamie Guo, and Aaron Grube from Marathon High School** (pictured at left).

If you would like to organize a local clean-up, call 305 289 6037 for help with bags, collection, and publicity.

### “Shoes For The Cure” : Helping the Environment and the Community

This professional recycling company specializes in collecting new and used footwear for recycling, regardless of condition. They are one of the only recycling companies in the country focusing “solely” on footwear; Nike’s Reuse A Shoe program is another well-known shoe recycler.

Shoes for the Cure keeps footwear out of our landfills and incinerators “to help maintain a clean environment clean for future generations.” Donated shoes are reconditioned for the needy or re-used as surface material for running tracks, tennis courts and playgrounds.

**Shoes for the Cure estimates that each year more than 350 million pairs of shoes are discarded in landfills and incinerators.**

Shoes for the Cure can become a part of community outreach and recycling programs at schools and businesses.



There is no cost to establish a collection site. Hosting a shoe recycling bin inside or outside your location can become an educational opportunity, a marketing tool to attract shoppers, and a way to let the community know you care about the environment.

In addition to the environmental reasons for shoe recycling, it is also a way to raise money to help local charities like youth and health care organizations.

Recycled shoes also create jobs. In the USA, recycled shoes are sold in second hand shops or used in athletic applications. In developing countries, the shoes are cleaned, repaired and resold.

To learn more about the program or request a shoe recycling bin, contact: [L.Rojas@shoesfortheure.com](mailto:L.Rojas@shoesfortheure.com)