



# **America Recycles and so does Tybee Island, Georgia!**

**“Recycling has become one of the most successful environmental initiatives in our Nation’s History...I encourage all Americans to rededicate themselves to using our resources more wisely by reusing and recycling the materials they purchase.”**

**- George W. Bush, America Recycles Day, 2002**



**Georgia is importing recycled plastics from Canada to support our local carpet industry because we're not recycling enough at home.**



**One of the three largest aluminum can processing plants in the world is located in Georgia. They're having to pay freight to get cans from California because we're not recycling enough at home.**



**Five recycled 2-liter PET (#1) plastic bottles yield enough fiber to make an extra-large T-shirt or one square yard of carpet.**



**Recycling is one of the few environmental actions that every single American can participate in and feel good about.**



**With the simple act of recycling, every day Americans can help protect ecosystems, reverse environmental damage, and ensure the health of our planet and our communities for future generations.**



**Manufacturing with recycled materials saves natural resources, energy, water and reduces pollution.**



**The greatest environmental benefit of recycling is reducing the natural resource damage and pollution caused by extracting virgin raw materials and manufacturing new products.**



**Recycling-based manufacturing reduces the need for activities like strip-mining and clear-cutting.**



**Without paper recycling, we would need to increase timber harvesting by 80% just to keep up with demand in the next ten years.**



**The United States is saving enough energy through recycling to provide electricity for 9 million homes.**



**Landfills are responsible for an estimated 36% of all methane emissions in the U.S.**



**By 2005, recycling will reduce greenhouse gas emissions by 48 million tons, the equivalent of the amount emitted by 36 million cars annually.**



**We do not expect landfills or incinerators to pay for themselves, nor should we expect this of recycling.**

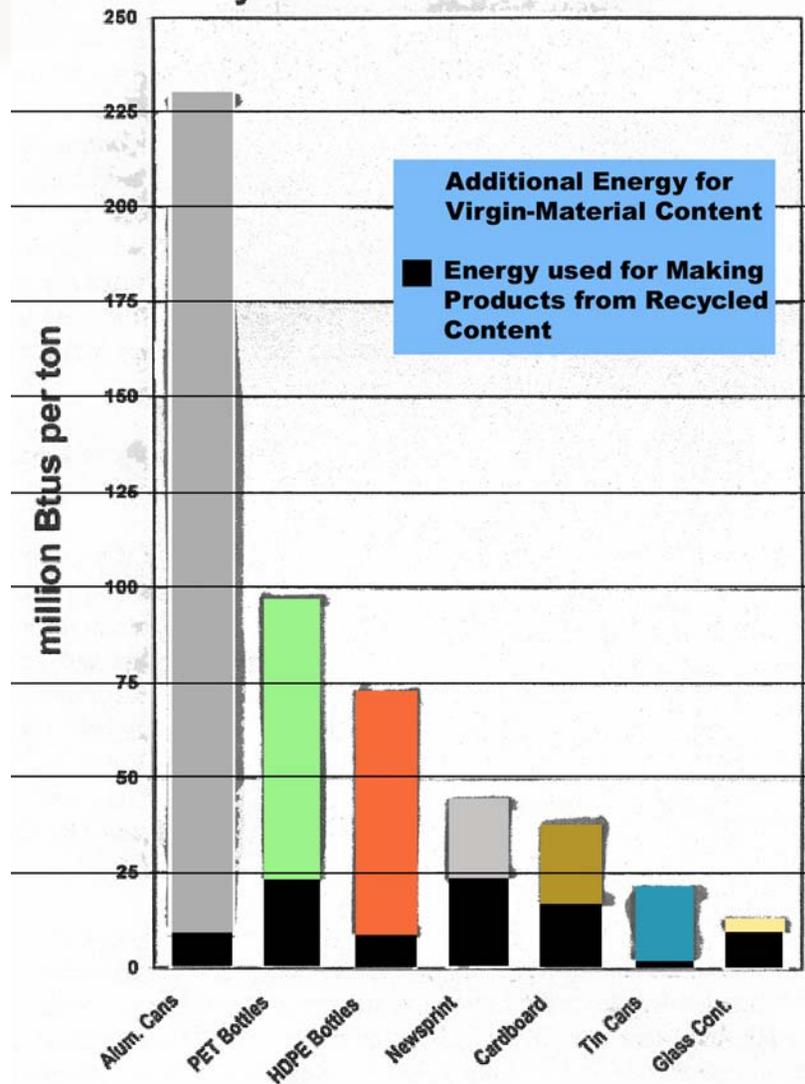


**Recycling and remanufacturing activities account for approximately a million jobs and over a billion dollars in revenue.**



**Recycling provides industry with raw materials that are less expensive than virgin sources, which means consumers ultimately spend less on products and packaging.**

## Energy Used in Virgin-Material Vs. Recycled Content Products



Source: Jeffrey Morris, "Recycling vs. Incineration: an Energy Conservation Analysis," *Journal of Hazardous Materials* 47 (1996), pp 277-293.



**Recycling aluminum saves 95% of the energy, AND 95% of the pollution vs. virgin aluminum.**

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**Recycling glass saves 50% of the energy, 50% of the water, 70% of the mining waste, and 20% of the air pollution, compared to making it from silica sand.**



**Each ton of paper recycled saves 60% of the energy, 95% of the air pollution, 17 trees, and 7000 gallons of water, vs. virgin paper.**



**Five recycled 2-liter PET bottles yield enough fibers for an extra-large T-shirt, or one square yard of carpet.**



**The average household generates 38 pounds of PET plastic bottles per year.**



**If we recycled every plastic bottle we used, we would keep 2 BILLION TONS of plastic out of landfills.**



## **Recycled Plastic Products**

**Directory** (from: [www.plasticsresource.com](http://www.plasticsresource.com))

### **Apparel & Accessories**

Aprons, Backpacks, Boxer Shorts...

### **Automotive Accessories**

Funnels, Ice Scrapers, Mud Flaps...

### **Bags & Liners**

Dispensers, Can Liners, Trash Bags...

### **Bins & Containers**

Bus Boxes, Carts, Dumpsters...

### **Building & Construction**

Bulkheading, Insulation, Shingles...

### **Carpet, Fabric & Fiber**

Carpet, Geotextile Fiber

### **Custom Products**

Molded, Structural Foam...



## Farming & Agriculture

Egg Filler Flats, Feed Carts, Sheds...

## Film & Sheet

Pallet Covers, Sheet, Slip Sheets...

## Furniture & Accessories (Indoor)

Desks, Lamps, Love Seats...

## Furniture & Accessories (Outdoor)

Benches, Hammocks, Tables...

## Housewares

Blankets, Clocks, Pillows...

## Industrial, Shipping & Warehouse

Baskets, Caster Wheels, Foam Packing...

## Janitorial Supplies

Buckets, Wringers, Pails...

## Landscape & Garden Design

Decking, Fencing, Rakes...



## Marine

Bollards, Decking, Sea Walls...

## Office Supplies

Badges, Clipboards, Paper Clips...

## Packaging

Bottles, Carryout Containers, Trays...

## Planting Materials & Accessories

Planters, Window Boxes...

## Premium & Promotional Items

Bookmarks, Can Openers, Key Chains...

## Recreational Products & Toys

Bicycle Racks, Cameras, Sandboxes...

## Road, Highway & Parking

Barricades, Parking Stops, Speed Bumps...

## Signage

Sign Posts, Signs