GRC Affiliations/Partnerships

- National Recycling Coalition
- US Composting Council
- Southface Energy Institute/ABBC
- Georgia Center for Nonprofits
- ************
- Atlanta Recycles
- EPA Region 4/GA EPD-Recovered Materials Unit
- SERDC
- Food Well Alliance
- Atlanta Mayors Office of Sustainability
- SWANA GA
Did you know?

• Georgia is considered to have one of the largest infrastructures in the nation for recovery and end use of recyclables.
Did you know?

- There are fifteen (15) paper mills in Georgia using recycled content, eight (8) relying exclusively on recycled content.
Did you know?

- Georgia’s Paper Industry recycles almost 8% of all the paper consumed in the United States
Did you know?

- 1/3rd of all plastic beverage containers recycled in North America end up in Georgia and are turned into carpet (mainly in Northwest Georgia).
Did you Know?

• Novelis, with its North American headquarters in Atlanta, is one of the largest aluminum recyclers in the world and processes used beverage cans in Greensboro, GA.
Did you know?

• Georgia has a strong end market infrastructure for glass cullet:

  – 2 Bottle to Bottle plants
  – 4 Fiberglass insulation plants
    + aggregate/foam glass
    + pipe bed
    + water filtration
    + concrete
    + decorative construction materials
Did you know?

• More than 120 Georgia businesses use recovered materials to manufacture a variety of new consumer products.
Did you know?

• These businesses rely on items such as plastic bottles, metals, glass, paper, organics, carpet, and tires collected from residential and commercial recycling programs to use as raw materials in their process. And, they are only a part of the recycling industry as “end users”, employing thousands of Georgians.
The Past....
Multi Phase Process-2005

- Waste Characterization Study
  (results indicated $250 million in commonly recycled materials disposed annually)
- Engage Stakeholders
- Establish Goals
- Standard Measurement Tool
- Away From Home
- More logistically feasible collection infrastructure
- Promote & Educate
Waste Reduction & Recycling Steering Committee (WRSC)

To help identify and monitor opportunities for local governments and businesses, partner with the state to achieve those goals, and help guide the development of statewide recycling education/outreach campaign.
## Goals Established FY07

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Actual 2004</th>
<th>Projected 2012</th>
<th>Projected % 2012</th>
<th>Projected 2017</th>
<th>Projected % 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass</td>
<td>0.153</td>
<td>0.140</td>
<td>8%</td>
<td>0.140</td>
<td>8%</td>
</tr>
<tr>
<td>Paper</td>
<td>1.181</td>
<td>1.000</td>
<td>15%</td>
<td>0.850</td>
<td>28%</td>
</tr>
<tr>
<td>Metal</td>
<td>0.228</td>
<td>0.198</td>
<td>13%</td>
<td>0.186</td>
<td>18%</td>
</tr>
<tr>
<td>Plastic</td>
<td>0.663</td>
<td>0.560</td>
<td>16%</td>
<td>0.530</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2.23</strong></td>
<td><strong>1.99</strong></td>
<td><strong>11%</strong></td>
<td><strong>1.71</strong></td>
<td><strong>23%</strong></td>
</tr>
</tbody>
</table>
RE-TRAC

Web based solid waste management and reporting system that serves as an online data capture tool to measure recycling.

It also allows users to capture the impact of recycling education & program changes in real time.
Away From Home Recycling

736 events - 373 events had recycling for the first time!

3,749,059 patrons

56.3 tons (112,782#) collected
Single Stream Transfer Hubs

- **GRANT FUNDED:**
  - Bulloch County
  - City of Griffin
  - City of Savannah
  - City of Valdosta

- **PRIVATE:**
  - City of Macon
  - City of Douglas
Promote & Educate

i don’t recycle

YouGottaBeKidding.org
Statewide Recycling Campaign

“Hey, we’ll just find another planet for your kids to live on!”

YouGottaBeKidding.org
Timeline

- 2006 CVP proposed Hub development to DCA
- 2008 (FY) Savannah, Bulloch Co., Griffin & Valdosta selected for Hub Grants
- 2008 (FY) Away from Home bin grants/35 trailers delivered
- 2009 FY -17,161 pounds collected at 186 events (97 were first time to offer recycling)
- 2009 (FY) Funding for Hubs and marketing campaign allocated
- 2009/2010-Hubs Developed & began operations
- 2010 Changes to the Solid Waste Management Act, but programming lingered for a few months (Planning & Reporting)
- 2012 (Q3) DCA Environmental Management division staff lay-offs occurred. (1.5 positions dedicated to environmental issues, primarily the WaterFirst program—now under GEFA
- 2013 Sustainability Division of DNR was disbanded.
- Since then, allocation has been mainly for scrap tire abatement; plus funding to support measurement efforts w/Re-TRAC.
No. 1 State For Business:
Georgia Leads in Workforce Training, Global Access and Infrastructure

- Georgia has recently been ranked in the following categories:
  
- NO. 1 STATE FOR BUSINESS + LABOR CLIMATE (AREA DEVELOPMENT: 2017, 2016, 2015, 2014)
- “BEST IN CLASS” STATE-LEVEL ECONOMIC DEVELOPMENT AGENCY (DEVELOPMENT COUNSELLORS INTERNATIONAL (DCI) 2017, 2014)
- NO. 1 WORKFORCE TRAINING PROGRAM IN THE COUNTRY (CNBC, 2015)
Two prominent Programs:
Made in GA & Measure GA
carpet • geotextiles • road construction materials • auto mats & parts
compost • mulch
newsprint • boxes
construction cores
food packaging
polystyrene foam
metal roofing • paper towels • fireplace logs • glass bottles & jars
aluminum cans • carpet backing • playground equipment

MADE IN GEORGIA
FROM RECYCLED MATERIALS

soil blends & conditioners
household floor mats
crumb rubber • tissue
fiber cans & drums
tubes • insulation

Georgia Recycling Coalition
GA-GIS Map-Recycling

Manufacturers

Processors
I AM Georgia Recycling!

Recycling in our state saves energy, conserves water and creates thousands of jobs for Georgians.

More than 120 Georgia businesses, like Carstarier Recycling, use recycled materials to manufacture new consumer products; they rely on plastics, metal, glass, paper, organics, carpet, and tires collected from residential and commercial recycling programs to use as raw materials in their process.

On any given day, you may be walking on, drinking from, reading from, wearing, driving in, eating from, printing on, or planting with a recycled content product that is Made in Georgia.

Learn more: www.georgia-recycles.org

Recycling in our state saves energy, conserves water and creates thousands of jobs for Georgians.

More than 120 businesses in Georgia depend on collection processes like ReCommunity and Athens-Clarke County Solid Waste to prepare materials that they use to manufacture new consumer products.

On any given day, you may be walking on, drinking from, reading from, wearing, driving in, eating from, printing on, or planting with a recycled content product that is Made in Georgia.

Learn more: www.georgia-recycles.org
I AM Georgia Recycling.

Tony Crowder
PRODUCTION MANAGER
REHAB PACIFIC - PLASTIC INJECTION MOULDER
LAWRENCEVILLE, GA

Recycling in our state saves energy, conserves water and creates thousands of jobs for Georgians.

More than 120 Georgia businesses, like Rehabs Pacific, use recycled materials to manufacture new consumer products: they rely on plastics, metal, glass, paper, organics, carpet, and tires collected from residential and commercial recycling programs to use as raw materials in their process.

On any given day, you may be walking on, drinking from, eating from, or planting with a recycled consumer product that is Made in Georgia.

Learn more: www.georgiacycles.org

Patricia Grantham
SALES MANAGER
LIBERTY Tire RECYCLING
ATLANTA, GA

Recycling in our state saves energy, conserves water and creates thousands of jobs for Georgians.

More than 120 Georgia businesses, like Liberty Tire Recycling, use recycled materials to manufacture new consumer products: they rely on plastics, metal, glass, paper, organics, carpet, and tires collected from residential and commercial recycling programs to use as raw materials in their process.

On any given day, you may be walking on, drinking from, eating from, or planting with a recycled consumer product that is Made in Georgia.

Learn more: www.georgiacycles.org
Plus, plus, plus...

- Atlanta Better Buildings Challenge-Materials Mgmt. added
- CHaRM-Atlanta & Athens
- Lifecycle Building Center
- Emergent Structures-Savannah, GA
- ATL Community Based Composting Council
Diversifying Materials Management

• Cox Conserves- Golden Isles Conservation Center-Tire Pyrolysis
• Shaw Carpet to Fuel
• Dow Energy Bag pilot
• Nexus Fuels-plastics to fuel
The FUTURE?!
EPD SWTF Stakeholders

- Two summer 2018 meetings
- Identified & prioritized programs & projects for spending of available $$
  - EPD to propose to DNR board in August.
- Development of a state Markets Development Council (industry collaboration)

- SW Management Plan & Waste Characterization Update
- State Technical Support Staff Person
- Training
- Grants
- Statewide Education Campaign
• Contact:
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garecycles@mindspring.com
www.georgiarecycles.org