

zeroing waste reduction

CAROLINA RECYCLING
ASSOCIATION'S

24th Annual Trade Show & Conference

March 31-April 3, 2014

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Asheville, NC



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Welcome to the CRA's 24th Annual Conference and Trade Show

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On behalf of the Board of Directors, I would like to extend a warm welcome to everyone attending the Carolina Recycling Association's 24th Annual Conference and Trade Show. We are very excited about this year's conference, which includes sessions on the latest issues, programs, methods, and ideas in the waste reduction, recycling, and composting fields, and additionally, a second conference – Manufacturers Zero Waste! Both conferences are packed with outstanding speakers and topics, which will provide many opportunities to learn and make connections.

Once again, the exhibit hall is full of the latest and greatest technologies and services. Our exhibitors represent every aspect of our profession and work with our industry throughout the Carolinas and beyond. I encourage you to take advantage of this opportunity for networking, connecting, catching up with old friends and making new ones!

The conference opens on Monday with our annual Golf Tournament and some excellent workshops and tours! On Tuesday morning, there are even more great workshops to attend and the first General Session from 1:30-2:45 will officially open the Conference with breakout sessions to follow. Please plan on attending the Grand Opening Reception in the exhibit hall, from 4:30 - 6:30, which, as always, is a guaranteed good time! There are more fantastic breakout sessions available Wednesday and please be sure to attend the CRA General Membership Meeting. The Awards Ceremony will follow at 4:00. Don't forget the ever popular HHW Mixer Wednesday night!

In closing, I would be remiss if I didn't mention this year's Conference Co-Chairs, volunteers and staff for their tireless dedication and hard work pulling together what I am sure will be a memorable Conference! A heartfelt thank you to Amanda Kain, Wes Westbrooks, Paul Hanna, Diane Davis, Jennifer Cooper, and a host of other volunteers for the long hours and hard work. You are very much appreciated!

I'm looking forward to seeing everyone at the gorgeous Grove Park Inn, until then.

Warm Regards,

Patrick Darrow
Board President, Carolina Recycling Association

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See Manufacturers Zero Waste Agenda on page 36

Monday, March 31		
11:00am – 5:00pm	Registration Open	
10:00am – 3:00pm	Collegiate Recycling Workshop and Tour	UNC Asheville
1:00 – 5:00pm	Carolina Plastics Recycling Council Meeting	Eisenhower
5:00 – 6:00pm	Carolina Plastics Recycling Council Reception	Roosevelt
Golf Tournament:		
12:00 – 5:00pm	TEE TIME: 1:00	
7:00pm	Awards and Dinner	Vinnies Italian
Tours:		
1:30 – 5:30pm	Sierra Nevada	
1:00 – 3:30pm	Blue Ridge Biofuels	
2:00 – 4:30pm	Danny's Dumpsters & Curbside Management	

Tuesday, April 1		
8:00am – 5:00pm	Registration Open	
8:00 – 9:00am	First Timer's Meeting	Hospitality Suite, 4065
9:00am – 12:00pm	Master Composter Workshop	Roosevelt
	Household Hazardous Waste – HHW Council	Taft
	Overcoming Litter Abatement Challenges – KAB Council/KNCB	Eisenhower
11:00am – 1:00pm	SERDC Board Meeting	Laurel
11:00am – 4:00pm	Exhibitor Setup	Exhibit Hall
1:30 – 2:45pm	General Session: Recycling Economics and Markets – What Does the Future Hold	Heritage A & B
2:45 – 3:00pm	Break	
Breakout Sessions 3:00 – 4:30pm	1: Organics Collection	Eisenhower
	2: Reaching the Masses – Education That Works	Wilson
	3: Curbside Recycling Collection Tools and BMPs	Taft
	4: Recycling at Healthcare Facilities	Roosevelt
Grand Opening Reception:		
4:30 – 6:30pm	Grand Opening Reception	Exhibit Hall
5:00 – 5:30pm	Fast Pitch	Exhibit Hall

Wednesday, April 2		
8:00am – 5:00pm	Registration Open	
8:00 – 9:00am	Breakfast with Exhibitors	Exhibit Hall
9:00 – 10:15am	General Session: Business Leaders In Recycling and Zero Waste	Heritage A & B
10:15 – 10:45am	Break with Exhibitors	Exhibit Hall
Breakout Sessions 10:45am – 12:15pm	5: Taking on the #3-#7 Plastic Challenge	Eisenhower
	6: Source Reduction/Reuse	Wilson
	7: Commercial/Institutional Recycling	Taft
	8: Multi-family Recycling	Roosevelt
12:15 – 1:15pm	Lunch with Exhibitors	Exhibit Hall
12:15pm	Silent Auction Opens	Exhibit Hall
Breakout Sessions 1:15 – 2:45pm	9: Expanding the Plastics Mix	Wilson
	10: National Recycling Outreach Initiatives	Eisenhower
	11: Making the Most of Public Drop-off Recycling	Taft
	12: Organics Composting	Roosevelt
2:45 – 3:15pm	Break with Exhibitors	Exhibit Hall
3:15 – 4:30pm	Independent Collectors Network Roundtable	Laurel
3:15 – 4:00pm	NC DENR Update/State Solid Waste Management Plan	Heritage A & B
	CRA General Membership Meeting	Heritage A & B
4:00 – 5:00pm	CRA Awards Ceremony	Heritage A & B
5:00 – 6:30pm	Social Networking Cocktail Reception	Exhibit Hall
9:00pm – Until	HHW Mixer	Hospitality Suite, 4065

Thursday, April 3		
8:00 – 11:00am	Registration Open	
8:00 – 9:00am	Breakfast with Exhibitors	Exhibit Hall
Breakout Sessions 9:00 – 10:30am	13: Non-Traditional Materials	Wilson
	14: Professional Skills Training	Eisenhower
	15: Business of Recycling	Taft
	16: Emerging Technologies in the Waste and Recycling Industry	Roosevelt
10:30 – 10:45am	Break with Exhibitors	Exhibit Hall
Breakout Sessions 10:45am – 12:15pm	17: C&D Recycling Markets and Trends	Taft
	18: Recycling in Public	Wilson
	19: MRF Examination and Review	Eisenhower
	20: Data Tracking & Other Tools: ReTRAC Training	Roosevelt
12:15 – 2:15pm	Lunch, Networking, Auction	Exhibit Hall
2:15pm	Silent Auction Closes	Exhibit Hall
2:15 – 3:30pm	General Session: Recycling Policy and Legislation	Heritage A & B
2:15 – 6:00pm	Exhibitor Breakdown	Exhibit Hall



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Welcome friends and “CRA family” to the 24th Annual Carolina Recycling Association Conference.

What a wonderful place to hold what feels like a family reunion and always has. Many of you know that I have been involved with CRA since 1991, and in the role of Executive Director since late September. What a ride it has been and what changes we have seen!

What hasn't changed is the excitement that builds as we prepare to come together and the connections and relationships that are renewed each year. The energy that is generated by this group coming together lasts long after the conference is over.

If we have not met, please seek me out as I want to meet you. If you are new to CRA, even if you are not a “First Timer” please plan to join us at the 8:00am meeting of this group on Tuesday. If we have known each other for years, I will look you up to say ‘Hello’ and ‘Welcome’ again.

Please attend and participate in as many sessions and events as you can work in. This Conference has been carefully planned with you in mind and we want you to experience both the lasting benefits and the fun!

Take good care.

A handwritten signature in blue ink that reads "Diane B. Davis".

*Diane Davis, Executive Director
Carolina Recycling Association*

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Workshops

Workshops require advanced registration.

MONDAY, MARCH 31 10:00am – 3:00pm

Collegiate Recycling Workshop – CRC Council

UNC Asheville

The CRC workshop is an opportunity to hear from fellow colleagues about exciting innovations, new ideas, challenges, and lessons learned in the world of collegiate recycling. The workshop will feature presentations as well as interactive roundtable discussions. This will be followed by lunch and a tour of the UNC-Asheville campus, highlighting features of their recycling and composting programs.

MODERATOR: Shannon Caveny-Cox, *UNC-Charlotte*

SPEAKERS: Stacey Washington, *SC DHEC*; Heather Cashwell, *NC DENR*; David Petree, *Guilford College*; Jen Maxwell, *Appalachian State University*; Devin Hatley, *UNC-Charlotte*; Christine von Kolnitz Cooley, *Medical University of South Carolina*; Tonya Randell, *Moore Recycling Associates*; Chris Johnson, *Winthrop University*

1:00 – 5:00pm

Carolina Plastics Recycling Council

Eisenhower

The Carolinas Plastics Recycling Council will be holding a networking meeting addressing plastic material supply and other technical and market issues related to plastics in the two-state region.

Reception to follow from 5:00 – 6:00pm in Roosevelt.

TUESDAY, APRIL 1 9:00am – 12:00pm

Master Composter Workshop

Roosevelt

This Master Composter Workshop offers training for those interested in facilitating and ultimately presenting a community-based composting education program. Participants will receive 3 hours of training in the science and practice of backyard composting and vermi-composting techniques, trouble-shooting and how to help others to compost through volunteer activities.

Household Hazardous Waste – HHW Council

Taft

Is Household Hazardous Waste in your Zero Waste Plan? NC and SC recycled or properly disposed of over 12 million tons of Household Hazardous Waste last year. This workshop shows you how you can get a program started and improve the one you have! The workshop will concentrate on opportunities to develop safe, compliant and effective strategies for new and existing Household Hazardous Waste Programs. Learn how to develop a program for little-to-no cost utilizing resources you may already have. The workshop will include hands-on exercises regarding the safety and operation of a successful program.

SPEAKERS: Michele Sakwa, *3RC*; Nezzie Russell, *Mecklenburg County*; Derrick Bell, *NC Department of Agriculture and Consumer Services*; Teresa Baker, *Granville County*; Pat Grogan, *ECOFLO*; Jeremy Maciejewski, *NC Department of Agriculture and Consumer Services*; Nan Kirlin, *Gaston County*; Joe Fitzpatrick, *NC DENR*

Overcoming Litter Abatement Challenges – KAB Council/KNCB

Eisenhower

If you are looking to find workable solutions to enhance your partnership connections and maximize litter prevention program success, this workshop is for you. Although the workshop is open to all CRA Conference attendees, it will offer specific KAB reporting requirements using Re-Trac, grant opportunities and program enhancements. This portion will be provided by a KAB national affiliate trainer. Other topics will be covered by peer professionals offering hands-on experience.

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Tours

Tours require advanced registration.

ALL TOURS DEPART FROM VANDERBILT 7TH FLOOR EXIT

- Take the atrium elevator across from the Exhibit Hall down to the 7th floor.
- Please gather approximately 15 minutes prior to tour departure time.

MONDAY, MARCH 31

1:30 – 5:30pm

Sierra Nevada

At Sierra Nevada Brewing Co., sustainability means recognizing the impacts associated with our operations and making a conscious effort to reduce them. We are committed to leaving the smallest footprint possible without jeopardizing our high standards for quality. We strive to maintain a healthy balance between environmental stewardship, social equity, and economic stability. By engaging in an active sustainability program, we intend to leave a better world for future generations. The tour will provide a full visit to this facility where LEED practices are fully incorporated in design and practice. Come see how excellence in practice and construction come together in this remarkable company.

1:00 – 3:30pm

Blue Ridge Biofuels

Blue Ridge Biofuels produces and distributes biodiesel for Western North Carolina and the Southeast bulk market. We supply biodiesel to public pumps in the greater Asheville region, deliver bulk on and off road biodiesel, provide Bioheat as a replacement to heating oil, and provide a used cooking oil collection service to restaurants in North Carolina, South Carolina, and Tennessee. Biodiesel is a clean-burning renewable alternative to petroleum diesel fuel. It also provides superior mechanical benefits and extends engine life.

2:00 – 4:30pm

Danny's Dumpsters & Curbside Management

This tour will actually offer two stops for attendees. Our first stop will be to Danny's Dumpsters. Danny's Dumpsters operates a unique compost processing facility in Asheville using in-vessel containers with forced aeration. The design speeds up the composting process and reduces the manpower needed for production. The second stop on the tour will be Curbside Waste Management. Curbside Management's sole business is the collection, processing and marketing of recyclable materials. CMI (widely known as Curbie) began service in March 1991 as a private recycling collection company serving Asheville-area residents. CMI presently operates a fleet of 10 vehicles and employs a work force of 40. In August 2003, CMI opened its Material Recovery Facility where we process all of the recycling material. CMI is currently processing and shipping in excess of 1000 tons of material per month. CMI processes material from Buncombe, Henderson, Madison, Transylvania, and Yancey counties.

TOUR SAFETY GUIDELINES

- Observe the following safety guidelines for all tours.
- Please bring your nametag with you.
- Closed-toe shoes are required.
- Do not wear high- or spike-heeled shoes.
- Skirts, dresses or shorts are not recommended. **They are not permitted at Sierra Nevada due to construction.**
- Please be prepared for inclement weather and dress accordingly.
- Cameras and camera phones are not permitted inside the facilities.

MISCELLANEOUS CONFERENCE INFORMATION

Is this your first CRA Conference?

We welcome you! Please plan to join us at the First Timer's Meeting being held Tuesday morning at 8:00am in the Hospitality Suite, Room 4065. We'll spend a little time getting to know each other over coffee and a muffin and have you on your way well prepared to get the most from your conference time.

Get to Know the Exhibitors

Play CRA's Zero Waste Trivia Game at the Social Networking Cocktail Reception on Wednesday from 5:00-6:30pm in the Exhibit Hall. Exhibitors will have the questions and hopefully you will have the answers. Your recycling smarts could win you \$100 in cash so be sure to play.

Silent Auction Open: Wednesday, April 2nd at 12:15 p.m.

Bidding opens at 12:15pm Wednesday and will close at 2:15pm Thursday, April 3rd. (All bids must be placed by 2:15pm) Winners will be able to pick up their item between 4:00pm and 6:00pm on Thursday, April 3rd at the CRA Registration Desk. **ALL PROCEEDS BENEFIT THE CRA!!! Donations are Tax Deductible.**

Need Exhibit Hall Passes?

Exhibit Hall passes are available for exhibitors to allow their clients access to the exhibit hall. Please visit the registration desk to pick up your passes.

Got CEUs?

Continuing Education Units are available for your SWANA Certifications. You can pick up the CEU form for signatures at the CRA Registration Desk.

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General

TUESDAY, APRIL 1

1:30 – 2:45pm

Recycling Economics and Markets – What Does the Future Hold

Heritage A & B

How is the recycling economy doing? Can it support continued growth in material collection? What do recycling markets look like for the short and long term? This session will open the CRA conference with a 30,000 foot view of the recycling marketplace and what is in store for recyclable commodities.

MODERATOR: Will Sagar, *SERDC*

SPEAKERS: Mayor Manheimer, *City of Asheville*; Jerry Powell, *Resource Recycling*; Joe Pickard, *ISRI*

WEDNESDAY, APRIL 2

9:00 – 10:15am

Business Leaders In Recycling and Zero Waste

Heritage A & B

Companies in the Carolinas are among the leaders in both recycling and zero waste. Two in the forefront are Unifi and Sierra Nevada, each striving to improve recycling and to eliminate their plants' dependence on landfills. The two firms will share the story of their commitment to positive action against waste on multiple fronts.

MODERATOR: Scott Mouw, *NC DEACS*

WELCOMING REMARKS: John Skvarla, *Secretary NC DENR*

SPEAKERS: Fred Indermaur and Eddie Ingle, *Unifi*; Cheri Chastain, *Sierra Nevada*

THURSDAY, APRIL 3

2:15 – 3:30pm

Recycling Policy and Legislation

Heritage A & B

Legislative initiatives remain a key potential strategy to increase material recovery, but what policies are the most appropriate and effective? Are new laws needed and what are the prospects for new recycling legislation? A leading North Carolina representative will discuss the legislative process and proponents of two different approaches will share their views.

MODERATORS: Will Sagar, *SERDC*; and Scott Mouw, *NC DEACS*

SPEAKERS: Chuck McGrady, *NC House of Representatives*; Laura Rowell, *AMERIPEN*; Elizabeth Biser, *Brooks Pierce*

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Breakouts

TUESDAY, APRIL 1

3:00 – 4:30pm

1 Organics Collection

Eisenhower

Things are picking up for food waste collection in NC – this session will outline new and proven collection techniques, from curbside, drop off at convenience centers, and commercial collection to diverting food to feed people.

MODERATOR: Anne Bedarf, *GreenBlue*

SPEAKERS: Brian Rosa, *NC DENR*; Danny Keaton, *Danny's Dumpster*; Blair Pollock, *Orange County*; Wayne Koeckeritz, *Food Waste Disposal, LLC*; Dominique Bischof, *CompostNow*

2 Reaching the Masses – Education That Works

Wilson

What is the best way to get your recycling message out? Find out in this session where a panel of outreach pros and audience members will collectively share tactics that have worked well, and what was a bust. You'll walk out of this session with new, ready-to-use marketing practices that have a proven track record in other communities.

MODERATOR: Heather Cashwell, *NC DEACS*

SPEAKERS: Muriel Williman, *Orange County*; Bianca Howard, *City of Raleigh*; Leslie Hatchell, *York County Solid Waste*

3 Curbside Recycling Collection Tools and BMPs

Taft

This session will provide an overview and discussion of curbside recycling Best Management Practices and the tools being used to maximize collection system efficiency. Learn how new technology is improving program performance, how education and outreach helps a recycling program maintain its edge, and how top performing programs are functioning in the Carolinas.

MODERATOR: Cody Marshall, *Resource Recycling Systems*

SPEAKERS: Stan Joseph, *Waste Management*; Eric Voss, *Rehrig Pacific*; Mike Horney, *Town of Kernersville*; Rob Taylor, *NC DEACS*

4 Recycling at Healthcare Facilities

Roosevelt

Beyond curbside type materials, what kinds of materials can be recycled from healthcare institutions and how? This session will address setting up a program, what materials to take, what education materials are most useful, how to keep things confidential, and what should you know about HIPPA, JCAHO & NFPA. You will also receive resources that will help you learn even more.

MODERATOR: Greg Peverall, *WasteZero*

SPEAKERS: Vanessa Carmean, *Waste Management*; Arwen Buchholz, *Duke University*; Christine von Kolnitz Cooley, *Medical University of South Carolina*

WEDNESDAY, APRIL 2

10:45am – 12:15pm

5 Taking on the #3-#7 Plastic Challenge

Eisenhower

This session will focus on addressing markets and uses for non-bottle container materials now commonly collected in a growing number of community recycling programs. The widening of the collection mix has occurred at the same time the Chinese Green Fence has restricted plastics exports, providing an opportunity for the development of domestic uses for the material. The panelists in this session will explore all the angles on the "#3-#7" issue.

MODERATOR: Scott Mouw, *NC DEACS*

SPEAKERS: Patty Moore, *Moore Recycling Associates*; Susan Albritton, *Sonoco*; Dave Bellon, *QRS*; Mary McClellan, *ReCommunity*

6 Source Reduction/Reuse

Wilson

Source reduction and reuse practices are beneficial for businesses, create jobs and resources for charitable organizations and decrease our need for natural resources. Here we'll take a light approach and highlight some stellar programs. Share your practices with us, too, and leave with some useful tools.

MODERATOR: Anne Blindt, *Albemarle Regional Solid Waste Authority*

SPEAKERS: Tom Rhodes, *NC DENR*; Sarah Justice, *Cary, NC*; Amy Stickler, *ReSource Warehouse and Gallery*; Scott Stetson, *Asheville NC Habitat for Humanity*

7 Commercial/Institutional Recycling

Taft

During this panel discussion, speakers will have the opportunity to showcase their business' or institutions' recycling efforts onsite through case studies from their facilities. A wide variety of institutions will be highlighted, ranging from industrial facilities to educational organizations.

MODERATOR: Amanda Fairley, *Waste Management*

SPEAKERS: Kim Brunson, *Publix*; Megan Anderson, *Wake Forest University*; Wes Westbrook, *BMW*; Teresa Baker, *Granville County Public Schools*

8 Multi-family Recycling

Roosevelt

This session will feature a panel of local governments who collect or oversee the collection of multi-family recycling programs. Speakers will provide an overview and discussion of different program collection practices, important metrics (i.e., number of carts per unit), and the pros and cons of using carts vs. FEL dumpsters. The session will also explore how local governments are educating and incentivizing multi-family residents and getting property management buy-in.

MODERATOR: Trina Matta, *RRS*

SPEAKERS: Mavis Gant, *Charlotte*; Cheryl Tafoya, *Greenville*; Linda Leighton, *Raleigh*; Rebecca Coplin, *High Point*; Cody Marshall, *RRS*

1:15 – 2:45pm

9 Expanding the Plastics Mix

Wilson

Beyond the traditional household containers, what additional plastics could be diverted from disposal and successfully marketed? This session will cover a range of kinds of plastics, providing insights on how to collect and manage the materials. Attendees will learn about new opportunities to recycle resins not normally targeted in local recycling programs.

MODERATOR: Scott Mouw, *NC DEACS*

SPEAKERS: Bev Fermor, *Waste Reduction Partners*; Nina Bellucci Butler, *Moore Recycling Associates*; Lisa Doty, *Watauga County*; Stephen King, *Haywood County*; Tim Moore, *TAC Recycling*

10 National Recycling Outreach Initiatives

Eisenhower

This session will feature national recycling initiatives and resources that you can deploy in your community to boost recycling and community engagement. You will learn about Keep America Beautiful's "I Want To Be Recycled" campaign,

the Sustainable Packaging Coalition's How2Recycle label, Carton Council resources, and the Local Search Association's Yellow Pages Opt Out tools.

MODERATOR: Heather Cashwell, *NC DEACS*

SPEAKERS: Alec Cooley, *Keep America Beautiful*; Anne Bedarf, *Sustainable Packaging Coalition*; Barbara Heineken, *Carton Council*; Matt Krug, *Local Search Association*

11 Making the Most of Public Drop-off Recycling

Taft

Local government recycling drop-off sites/convenience centers are transitioning to "Single Stream," using compactors to improve efficiencies, and are creating "Super Centers" to take recovery well beyond cans and bottles. What's driving these changes, what's working best, and what's next?

MODERATOR: Rob Taylor, *NC DEACS*

SPEAKERS: Chad Beane, *Moore County*; James Kilgo and Steve Nanney, *Rutherford County*; Eric Gerringer, *Orange County*; Sandy Skolochenko, *Chatham County*; Matt James, *NC DEACS*; Carolyn Carusos, *Charleston County*

12 Organics Composting

Roosevelt

Ever wondered how composting facilities handle and process all that food waste? After they compost all your yard debris, manure and food waste into humus (compost) now what? This session will give you an overview of composting technologies that are being used here in NC and the amazing things (markets) that can be done with compost.

MODERATOR: Brian Rosa, *NC DEACS*

SPEAKERS: Jim Lanier, *Earth Farms Compost*; Gary Gittere, *McGill Environmental*; Mark Langner, *Maytime Compost*

3:15 – 4:30pm

Independent Collectors Network Roundtable

Laurel

Independent recycling collection companies are invited to join a roundtable discussion to talk about hot topics in the collection industry, such as food waste collection, compressed natural gas vehicles, and employee safety. Please feel free to bring your own topics to this open discussion and networking event.

3:15 – 4:00pm

CRA Annual Business/General Membership Meeting

Heritage A & B

Be sure to join us for the CRA's general membership meeting. The CRA's President, Executive Director and Treasurer will update the membership on the latest CRA news, including the "state of CRA", financials, proposed changes in by-laws, elections and other new and exciting projects on the horizon. In addition, as part of this meeting, an update from NC DENR on the State Solid Waste Management Plan will be presented.

3:15 – 3:30pm

NC DENR Update/State Solid Waste Management Plan

Heritage A & B

The State Solid Waste and Material Management Plan is a comprehensive report required by state law which assesses the status of solid waste management in North Carolina while providing new objectives and strategies to achieve environmental and economic benefits over the next ten years. The 2014-2024 State Plan is under development by the Division of Waste Management, along with other agencies within DENR, and we are soliciting feedback from interested stakeholders including affiliates and organizations, waste managers, industries involved in waste diversion, and the general public.

SPEAKER: Andrea Keller, NC DENR

THURSDAY, APRIL 3
9:00 – 10:30am

13 Non-Traditional Materials

Wilson

Are you considering adding some non-traditional recyclable materials such as carpet, textiles, Fluorescent bulbs, or electronics to your collection programs? Hear the details from responsible markets that want these materials and from communities that are operating successful programs.

MODERATOR: Cody Marshall, *Resource Recycling Systems*

SPEAKERS: Patrick Darrow, *Goodwill Industries*; Glenn Odom, *Wellman Plastics*; John Demary, *Pitt County*; Steve Barnett, *Southeast Recycling Technologies*; Brad Gardner, *PCG Landfill*

14 Professional Skills Training

Eisenhower

Two of the most important skills a recycling coordinator can have are the ability to justify programs and to market those programs effectively. This session will focus on increasing participants' skill and understanding of these distinct topics. "B.Y.O.B." (Bring Your Own Budget) will provide an instructor-led full cost accounting exercise; get the tools you need to calculate program costs using your own numbers (sample budgets will also be provided). Then learn how to speak the language of graphic design, with "OMG, What's a PNG?" where you can ask your burning questions about graphic design, and learn to get what you want from your graphic designer."

MODERATOR: Mary McClellan, *ReCommunity*

SPEAKERS: Scott Mouw, *NC DEACS*; Mike Horney, *Town of Kernersville*; Stan Jarozewski, *Elite NC Marketing*; Megan Hinkle, *City of Raleigh*

15 Business of Recycling

Taft

The continued growth of the recycling industry will rely heavily on the success of all types and sizes of recycling businesses. This jam-packed session will show how investing in recycling projects provides significant economic benefits. In addition, you will hear about two Eco-Industrial Parks in the Carolinas including ReVenture Park, in the Charlotte area which has been recognized as the largest project of its type in the U.S., and the BioBerkley Project in Berkeley County, South Carolina. You will also hear about debt and equity financing from an investor/lender and a client whose greasetrap waste processing facility has become a profitable business model.

MODERATOR: Matt Ewadinger, *NC RBAC*

SPEAKERS: Abby Goldsmith, *A Goldsmith Resources*; Tom McKittrick, *ReVenture Park*; Colin Martin, *Berkley County Water & Sanitation*; Anna Tefft, *Natural Capital Investment Fund*; Dylan Gehrken, *Greasecycle*

16 Emerging Technologies in the Waste and Recycling Industry

Roosevelt

This panel discussion will focus on emerging technologies observed in the waste and recycling industry of the Carolinas. Technologies discussed will explore diversion and reuse processes for unique waste streams and examine fleet changes that save money and are better for the environment.

MODERATOR: Jay Bassett, *EPA Region 4*

SPEAKERS: Victoria Johnson, *City of Charlotte*; Amanda Fairley, *Waste Management*; Rob Lubin, *HighWave Energy, Inc.*; Kristi Miller, *Blue Sphere Corp.*

10:45am – 12:15pm

17 C&D Recycling Markets and Trends**Taft**

What is the current state of C&D recovery in the Carolinas? What can be done with the materials? This session will cover the range of collection and processing options for C&D materials. A panel of market experts will focus on key market trends for C&D materials, including asphalt shingles, wood, drywall, and concrete/brick and block. Attendees will learn what materials to target and key strategies for developing a C&D recycling program or enterprise.

MODERATOR: Wendy Worley, *NC RBAC*

SPEAKERS: Sherry Yarkosky, *NC RBAC*; Michael Talbert, *Mecklenburg County*; Mike Griffin, *Handle Safe*; Mike Griffin, *Greenway Recycling*; Randall Baker, *Abbey Green*; Max Doggett, *Maximum Solutions*

18 Recycling in Public**Wilson**

What has become a trend has become a movement. Recycling bins are popping up next to trash cans on sidewalks, festivals, parks, beaches, athletic fields and other public spaces. Attend this session to learn the steps to make public space recycling work right the first time with Keep America Beautiful's Top 10 Tips Guide and an interactive session where you determine why bins may have failed, identify ways to correct issues, and find good practices to implement.

MODERATOR: Amanda Kain, *Catawba County*

SPEAKERS: Alec Cooley, *Keep America Beautiful*; Michael Alexander, *Recycle Away*; Suzanne Gooding, *City of Wilmington*; Heather Cashwell, *NC DEACS*

19 MRF Examination and Review**Eisenhower**

This session will examine the important role that MRFs play in the modern recycling system. Speakers will address the workings of a modern MRF, provide a detailed look at optical sorting and how this technology is transforming processing, and provide an examination of the MRF system in North Carolina and the driving forces behind the continued evolution of modern MRFs.

MODERATOR: Rob Taylor, *NC DEACS*

SPEAKERS: Bill Leonidas, *ReCommunity*; Rob Taylor, *NC DEACS*; Felix Hottenstein, *CP Group*; JD Lindeberg, *Resource Recycling Systems*

20 Data Tracking & Other Tools: ReTRAC Training**Roosevelt**

Learn how to use the many powerful features available in a Re-TRAC Connect FREE Account. Replace frustrating spreadsheets with a fully configurable recycling and waste diversion tracking tool. Reduce phone inquiries and promote responsible material management by contributing to reuse and recycling web directories. Join over 10,000 recycling professionals in North America (425 in NC and 645 in SC) by participating in prominent national, state, and local programs, such as South Carolina DHEC, Recyclemania, and CVP Connect.

SPEAKER: Chris Ronson, *EmergeKnowledge*

Special Events

TUESDAY, APRIL 1

8:00 – 9:00am

First Timer's Meeting

Hospitality Suite, Room 4065

Are you a newbie to the CRA conference? Feeling disoriented, lost, and confused? Are you in need of a coffee and a muffin? Join us for a meet-and-greet conference orientation just for newbies. You will be able to meet other CRA freshmen like yourself, get to know some of the conference organizers and receive tips on how to navigate the conference. We'll make sure you know which events and networking activities you don't want to miss, and give you a chance to ask your burning questions while providing much needed sustenance (you'll need to keep your strength up). Sure it's early, but did we mention coffee and muffins?

4:30 – 6:30pm

Exhibit Hall Grand Opening Reception

Exhibit Hall – Grand Ballroom

As they say, the early bird gets the worm. And the early exhibit hall visitors get the best swag at the Grand Opening of the CRA's renowned exhibit hall. With new exhibitors in the mix, as well as those we know and love from years past, this exhibit hall promises to be the crown jewel of this conference. Over 100 Exhibitors and Sponsors want to meet you, show you what they can do for you, and give you candy, coffee mugs and oil funnels. This is a win-win, folks. Don't spend the rest of the conference enviously asking people "Hey, where'd you get that cool food scrap bucket?" No one wants that for you, so be sure to join us!

5:00 – 5:30pm (during reception)

Fast Pitch Networking

Exhibit Hall – Grand Ballroom

Can you knock it out of the park like A-Rod when you talk about your product or service? Do you love sports analogies? Then this is the event for you...show us your fastball during this event, where exhibitors will have the chance to get on the microphone and pitch their booth, product, or service in 30-seconds or less. Conference attendees and fellow exhibitors will get to hear your message, so be sure to bring your A-game. Hit a home run with your spiel! Beware; it's 3 strikes if you go over 30-seconds... that means you're out!

WEDNESDAY, APRIL 2

4:00 – 5:00pm

Annual CRA Awards Ceremony

Heritage A & B

Go ahead and start practicing your most gracious 'I'm-so-happy-for-you' facial expressions and put your thank-you speech in your pocket, because it's awards ceremony time! Categories include the Recycler of the Year, Local Government Award, Outstanding College/University Program, Outstanding Business/Industry Recycling, Zero Waste in Manufacturing, and more...yeah there are a lot of awards, because there are a lot of awesome programs! Come be recognized and help recognize the efforts of our peers at this special event! You might even be a winner yourself. Stick around for the drawing at the end just for those present. Some lucky attendee will win a Bed & Breakfast Package at the lovely Omni Grove Park Inn. Yes...you read it right.

5:00 – 6:30pm

Social Networking Cocktail Reception

Exhibit Hall – Grand Ballroom

In true recycling fashion, get commingled with fellow conference attendees and exhibitors at this reception; work the net like a boss while enjoying a tasty snack and beverage. If you dare, show your smarts to the whole recycling world by playing the CRA's Zero Waste Trivia game during this event. Exhibitors will test your smarts with hard...we're talking MENSA-level hard...trivia questions about the recycling field. Each time you visit an exhibitor's booth and answer a question correctly, you will get a ticket with your name on it entered into a drawing. The more exhibitors you play trivia with, the more tickets you get entered in a drawing for \$100.00. Yes, we mean cold, hard cash!

9:00pm – Until

HHW Mixer

Hospitality Suite, Room 4065

Mix it up at this fun late-night networking event! Join the HHW Council, our gracious host and sponsor, in the hospitality suite, room 4065, from 9pm to I-gotta-go-to-bed o'clock. It's a proven fact that some of the best networking occurs after 9pm; it's just science. All attendees are invited, and the HHW Council looks forward to seeing you!



Golf

2014 CRA Golf Classic



MONDAY, MARCH 31

TEE TIME: 1:00pm

- Putting Contest will begin at 12:30pm with a shootout format. If you make the putt you move on to the next round. Last Golfer standing wins! Fee is \$10/golfer.
- Mulligans are 2 throws and one kick. 1 for \$5 or 3 for \$10

Awards and Dinner to follow at Vinnie's Italian at 7:00pm.

This year's Annual Golf Tournament will be played on the Omni Grove Park Inn's historic course. This course was designed by Donald Ross and has played host to numerous PGA Tour events. Golf legends like Harry Vardon and PGA stars, including Bobby Jones, Ben Hogan and Jack Nicklaus have played here. Simply, golf at the Omni Grove Park Inn is golf the way it was always meant to be experienced, with a lot of passion and tee times.

Awards

2014 CRA Awards Ceremony

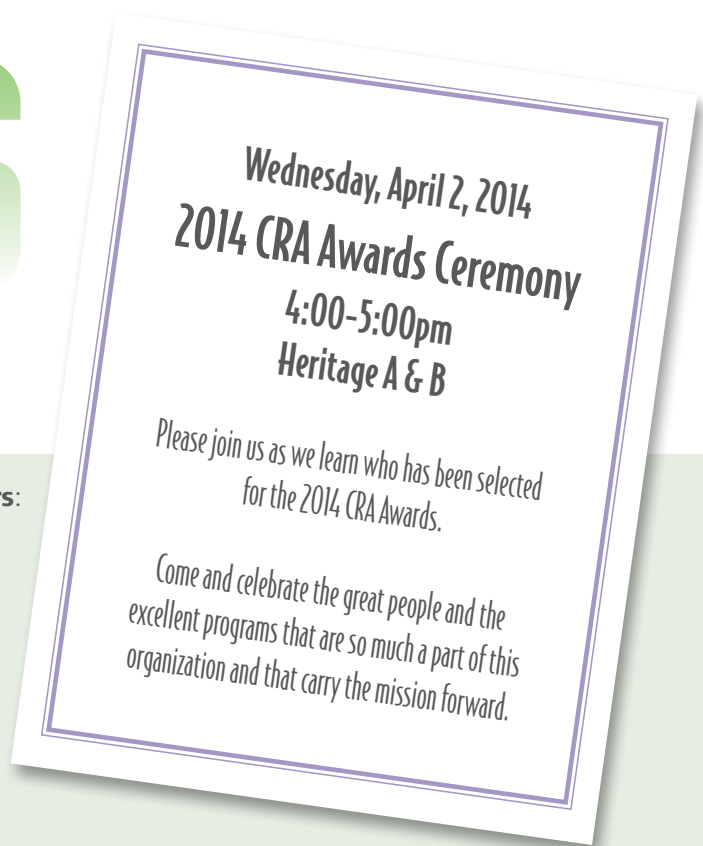
WEDNESDAY, APRIL 2

4:00 – 5:00pm

We would again like to recognize our **2013 CRA Award Winners:**

- Recycler of the Year NC – **Nan Kirlin**
- The Spotlight Award NC – **Durham County Recycling Ambassadors**
- Local Government Award NC – **Gaston County**
- Outstanding College or University Program NC – **Duke University**
- Outstanding School Program NC – **Granville County Schools**
- Outstanding Business/Industry Recycling NC – **Waste Zero**
- Recycler of the Year SC – **Rose Gainey**
- The Spotlight Award SC – **Martha Young**
- Local Government Award SC – **McEntire Joint National Guard Base**
- Outstanding College or University Program SC – **Coastal Carolina University**
- Outstanding School Program SC – **Berea High School AF JROTC**
- Outstanding Business/Industry Recycling SC – **Santee Cooper**

- Bill Evans & Carol Bond Memorial Award for Outstanding Toxicity Reduction – **Henderson County HHW & Electronics Recycling Program**
- Outstanding Composting or Organics Recycling Program – **Clemson University**
- Getting the Word Out: Sensational Outreach – **Mecklenburg County Wipe Out Waste Ambassador Program**
- Volunteer Leadership Award – **Don Poland**



Exhibitors



Advanced Composting

TECHNOLOGIES

ACT has been building high performance, commercial composting systems for over 10 years. Our numerous installations across a variety of industrial applications such as food service waste processing, animal mortality management at poultry, fish, and swine farms, applications for animal road kill processing, etc. provide the proof of design, construction, and after the sale service so important for high production installations. Our complete process, from design, construction, innovation in technology, and operational guidelines provide the foundation for a successful installation of a composting waste management solution. From our entry level "kits" to our turnkey industrial solution, you get the full benefit of our deep applications experience with each configuration.



www.advancedcomposting.com

828-665-8600

Accent Wire Products Booth 104

Michael Word
wordmichael@hotmail.com
866-298-2361

After two decades, Accent Wire Products has earned its position as North America's leading provider of baling wire and wire-tie technology. At all levels of our company and with every transaction, we are dedicated to forging strong ties with our customers, vendors, and employees.

Advanced Composting Technologies Booth 312

Chandler Cummins
bh@advancedcomposting.com
828-665-8600

Advanced Composting Technologies is a leader in the field of composting. We offer simple, natural and environmentally sensitive solution. Environmental stewardship is not just our mission, it's our responsibility.

American Greenz Inc Booth 108

Mehul (Max) Patel
mptl828@gmail.com
919-484-8998

American Greenz Inc is an R2 and 14001 Certified company providing electronics recycling and asset recovery services to Local Government agencies and private sector.

BACE LLC Booth 315

Drew Sigmund
drewsr@bacecorp.com
704-808-1483

BACE Manufactures Balers and Compactors for the Recycling and Waste Industries.

Bakers Waste Equipment, Inc (BWE) Booth 402

Chris Burns
cburns@bwe-nc.com
800-221-4153

Bakers Waste Equipment (BWE) manufactures a full line of steel containers and compactors for the recycling industry. Since 1981, BWE has proven to be an innovative resource of equipment while providing exceptional customer service. Call 800-221-4153 or Visit www.bwe-nc.com today.

Becker Complete Compactor Booth 208

Keith Becker
cassandra@beckercomplete.com
803-755-0075

Family owned and operated, Becker Complete Compactor (BCC) has built a solid relationship throughout the waste and recycling industry in South Carolina for over 16 years. Our service area extends across our beautiful state, from the coast to parts of North Carolina and Georgia. We are dedicated to the task of providing our customers with the best value in the sales and service of balers and compactors in the industry.

We offer installations, repairs, and maintenance on all makes and models of waste & recycling equipment. Our trucks are stocked with parts from most manufactures.

Every day, each one of us has an opportunity to make the world a better place. Boeing is proud to support the Carolina Recycling Association for its dedication and commitment to conserve resources by advancing recycling and waste reduction throughout the Carolinas.



WE ALL SHARE THE SAME ADDRESS.

BioBag Americas **Booth 900**

Tom Goldy
jennifer@biobagusa.com
727-789-1646

BioBag is the world's largest brand of certified compostable bags and films. Our bags assist communities, residents and businesses with the collection of food and lawn waste for composting. We have worked with numerous haulers, composters, and government agencies to start, promote and maintain composting programs. BioBag products meet ASTM-D6400 specifications.

BioBag strongly supports the use of GMO free certified crops and participates in a source-offset program with our suppliers. BioBag products include: bags from 2 to 96+ gallon for the collection of organic waste for composting, films for packaging and agriculture and customized products for retail and commercial businesses.

Boeing Company **Booth 214**

Jessica Jackson
jessica.r.jackson@boeing.com
843-671-1781

Boeing South Carolina fabricates, assembles and installs systems for aft (rear) fuselage sections of the Boeing 787 Dreamliner and joins and integrates midbody fuselage sections. The site is also home to the company's newest 787 Dreamliner final assembly and delivery facility. The nearby Interiors Responsibility Center manufacturers, assembles and installs interior parts for South Carolina-built 787s. The 265-acre (107-hectare) main campus is located in North Charleston.

Bulk Handling Systems **Booth 514**

Tim Griffing
peterr@bhsequip.com
541-485-0999

The need for effective recycling is greater than ever, and no manufacturer has responded faster with higher quality, more reliable recycling systems than BHS. Headquartered in Eugene, Oregon we design, manufacture and install processing systems that extract value from any waste stream. Between our people, our technology and our family of companies, BHS has united the industry's best to offer complete, integrated solutions for your recycling and waste processing needs.

Industry's Include:

- Single Stream Recycling
- MSW Recycling
- Construction and Demolition Recycling
- Waste-to-Energy
- Organics and Compost

With more than 750 reference sites, Nihot is the proven market leader when it comes to air.

NRT's In-Flight Sorting technology provides a robust, accurate signal and precise ejection. NRT has long led the recycling industry in technology, holding more than 30 patents in the field. Whether you're targeting PET, HDPE, mixed plastics or even metals, glass or paper, NRT's fast, precise and reliable sorters will help lower labor costs and boost recovery.

Exhibitors

Busch Systems International, Inc **Booth 204**

Liz Lightfoot
virinia@buschsystems.com
800-565-9931

Busch Systems is proud to offer the largest line of waste and recycling containers anywhere. We have been designing and manufacturing the highest quality and most effective recycling containers since 1985. At Busch Systems we are committed to helping the community and the world at large to reduce our carbon footprint.

Caraustar Industries, Inc **Booth 112**

Kathy Whitlow
kathy.whitlow@caraustar.com
704-972-7171

Caraustar Industries, Inc is one of North America's largest integrated manufacturers of 100% recycled paperboard and converted paperboard products. The company is a socially responsible corporation, is committed to environmentally sound practices and is dedicated to providing customers with outstanding value through innovative products and services. Caraustar has developed its leadership position in the industry through diversification and integration from raw materials to finished products. Caraustar serves the four principal recycled boxboard product end-use markets: tubes and cores; folding cartons; gypsum facing paper and specialty paperboard products.

Carolina Belting Company **Booth 410**

Bob Hammersla
bhammersla@carolinabelting.com
864-268-5996

Carolina Belting provides all your conveyor needs from belts to motors and everything in between. We offer service 24/7 and will gladly help with design and installation of conveyors and supplies.

Carolina Value Village **Booth 513**

George Upton
george.upton@nkfpickup.com
704-634-8083

Carolina Value Village is a unique combination of recycling and retail operations that have successfully been in business in the Carolinas for 22 years and nationally for 35 years. Our operations have efficiently removed approximately 6,704 tons nationally, and 1,676 tons locally, of textiles from our waste stream every year.

Cavert Wire Co. **Booth 607**

Todd Hanes
thanes@cavertwire.com
336-969-2601

America's largest manufacturer of black annealed baling wire, founded in 1910.

Clean Harbors **Booth 512**

John Van Ness
tummings.monika@cleanharbors.com
781-792-5498

Clean Harbors Environmental Services is North America's leading provider of environmental and hazardous waste management services. Our services include field services and emergency response, industrial services, laboratory chemical packing and waste transportation and disposal. Visit us at www.cleanharbors.com.

Better Because It Holds

The Wire Recommended Most by Baler Manufacturers

Coastal Wire products are better because they hold. Unlike other brands, our wire is FULLY annealed in a controlled atmosphere giving it more strength, more flexibility and less breakage. And Coastal Wire's purchasing power keeps prices low and deliveries fast, with service you can count on. Bottom line...we save you money. There's no denying it, Coastal Wire is better.

COASTAL WIRE COMPANY
Quality... Our reputation is tied to it.®

COASTAL WIRE COMPANY
Recommended Because It Holds

Visit our website for a full listing of products with proven superior performance.
www.CoastalWire.com • 800.768.WIRE

Cleanlites Recycling South **Booth 114**

Tom Kimmel
cleanlites@cleanlites.com
864-579-4800

Cleanlites Recycling Inc is a leader in the universal and electronics waste recycling industry with facilities located in MI, MN, OH & SC. We provide cost effective recycling programs that are fully compliant with all federal, state and local rules and regulations. Cleanlites is committed to strict standards of environmental compliance and outstanding customer service while maintaining the highest levels of insurance, permits and training standards, including \$10M of Pollution Liability Insurance. We accept lamps, lighting ballasts, batteries, mercury-containing devices, computers/electronics, and airbags. Our Cincinnati, OH facility is a Part-B permitted facility and has a mercury retort for reclaiming mercury. We have fully licensed and permitted trucks and trained drivers at each of our locations and can arrange to pick-up from anywhere in the Continental United States. Cleanlites also operates LampMaster Recycling Services, Inc which supplies pre-paid recycling kits for lamps, batteries, lighting ballast and e-waste.

ClearStream Recycling Booth 617

Heather Grace

heather@clearstreamrecycling.com

855-411-4321 x 115

ClearStream provides clear trash and recycling containers to preserve the environment and protect the communities' public spaces. We offer both temporary and permanent recycling solutions.

Coastal Wire Company Booth 409

Noel DesMarteau

noel.desmarteau@coastalwire.com

843-359-4992

Coastal Wire Company is the premier provider of wire products to the recycling and continues to innovate in the manufacture of fully-annealed, high-strength baling, tying and specialty wire products.

Company Wrench Booth 700

Tom MacGibbon

t.macgibbon@companywrench.com

919-618-5147

Company Wrench, is an Ohio-based company focusing on the manufacturing, sales, rentals, parts and service of scrap, demolition, and construction equipment. Headquartered in Carroll, Ohio, Company Wrench operates in 12 locations across the US. We specialize in providing "The Cutting Edge of Customer Service". Our customers know us for our large equipment fleet and our blazing fast expert machine servicing. In fact, one of the largest reasons company owners purchase machines from Company Wrench is to get our cutting edge customer service and maintenance agreements. Company Wrench has many unique services that many of our current clients aren't aware of yet that will help keep their projects on schedule and under budget....with the same great customer service.

Covanta Booth 412

Jessica Dowell

jdowell@covantaenergy.com

704-502-9761

Covanta is a world leader in sustainable waste management and renewable energy. The Company's 45 Energy-from-Waste facilities provide communities and businesses around the world with an environmentally sound solution to their solid waste disposal needs by using waste to generate clean, renewable energy. Annually, Covanta's modern Energy-from-Waste facilities safely and securely convert approximately 20 million tons of waste into clean, renewable electricity to power one million homes and recycle over 430,000 tons of metal. Energy-from-Waste facilities reduce greenhouse gases, complement recycling and are a critical component of sustainable solid waste management. For more information, visit www.covanta.com.

Cram-A-Lot/J.V. Mfg Booth 508

TJ DiFruscio

dwithers@jv.com

352-358-1454

Proudly manufactured in the USA since 1978, CRAM-A-LOT's full line of compactors and balers represents the industry standard for reliability and durability. Whether you need an engineered solution with today's latest technology and safety standards, or a timely repair of your equipment, we are your answer. Our company's passion for providing customer service based on honesty and integrity has made CRAM-A-LOT one of the most respected companies in the industry and #1 in customer satisfactions.

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Donna Christy: (419) 334-6918



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Eden, NC 27288-1243
Ph: (336) 627-7867
Fx: (336) 623-4432

Exhibitors

DoppstadtUS Booth 614

Chris Pap
chris@doppstadtus.com
440-937-3225

DoppstadtUS is committed to bringing the superior design, engineering and performance of Doppstadt brand recycling and processing equipment to the American marketplace. All Doppstadt manufactured products are built with precision German engineering, to provide the finest quality machinery available to the industry. Because our products are so well-designed and tested, your operation and maintenance costs will be significantly reduced, resulting in an overall net gain from your equipment investment that far exceeds that of other competing products.

ECOFLO, Inc Booth 109

Patrick Grogan
pgrogan@ecoflo.com
336-617-2707

ECOFLO, Inc provides full services Hazardous Waste Management services. In addition ECOFLO's Household Hazardous Waste program offers permanent facility staffing & disposal services plus seasonal event contractor services for public and private organizations.

FCC Environmental Booth 116

Rick Metcalf
rick.metcalf@fccenvironmental.com
704-201-2053

FCC is a Global leader in environmental services, with expertise in every phase of recycling, collection, transportation, analysis, processing, treatment and compliance to make your waste management process simple.

Foss Recycling, Inc Booth 602

Nathan Pipkin
npipkin@fossrecycling.com
252-714-5799

In business since 1982. Foss Recycling is a full-service recycler with ten (10) locations in the Carolinas. Foss Recycling buys all types of metals including white goods. Foss contracts with counties throughout North Carolina to purchase white goods. We provide CFC removal and documentation. Foss Recycling is the solution for all your recycling needs.

Garco, Inc Booth 110

Frank Baldwin
frank@egarco.com
336-683-0911

GARCO, Inc provides environmental, industrial, waste transportation, disposal and recycling services to industrial and consulting clientele throughout the Southeast.



For more than 30 years our mission has been more than a statement.

At ECOFLO, we take the Hazard out of Waste Management. ECOFLO is a veteran-owned, small business providing hazardous and non-hazardous waste treatment, storage, and disposal services.

ECOFLO offers waste management and industrial services for Federal, State and local governments, industries, private sector companies, and regional authorities.

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1-855-532-3563



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- + Fuel Blending
- + Waste-to-Energy
- + Incineration
- + Cylinder Disposal
- + Industrial Services
- + Household Hazardous Waste Services

Locations:
Greensboro, NC
Americus, GA
York, PA



Glasdon, Inc Booth 910

Carl Smith
carl.smith@glasdon.com
804-726-3777

Glasdon design, manufacture and sell a wide range of recycling containers. The containers can be adapted by using different size/color graphics and aperture panels to suit whatever waste stream is required at your location.

GORE® Cover Systems Booth 511

John Day
jsday@wlgore.com
410-506-5265

The GORE® Cover technology is the most widely distributed composting system in the world with facilities in more than 20 countries treating greater than 3.5 million tons of organic waste annually. The system has proven to provide a low risk, low cost solution which can sustainably process a wide range of organic waste in the most varied climate conditions, while controlling odors and emissions.

Granite Sky Design, Inc Booth 702

Mia Holshouser
mia@graniteskydesign.com
704-892-6882

Granite Sky Design, Inc is a full service marketing firm with over 20 years experience and is located in the Charlotte region. We have an extensive background in helping non-profit organizations, government agencies corporations and retail businesses throughout North Carolina. We take the time to get to know your organization as well as your clientele; so whether you need branding and logo development, print collateral or a website, we can give a clear, concise voice—verbally and visually—to the information you want to distribute. We take pride in developing long-lasting relationships with our clients and vendors. Granite Sky Design is 100% woman owned, HUB Certified and Certified WBE. Visit graniteskydesign.com.

Spring into Action



**Need to inform your citizens
of their recycling days?
Consider
Calendar Magnets!**

By grouping several clients' together, we've been able to reduce some clients' costs by up to 50% on magnet mailers.

Spring into action—don't delay, get on OUR calendar now to save big on YOUR calendar later!



Call Mia: 704.892.6882

Visit us at booth 207

graniteskydesign.com

hibu, publisher of Yellowbook Booth 415

Matt Krug
matt.krug@hibu.com
319-790-3739

hibu, publisher of Yellowbook and the Local Search Association are promoting the opt-out website for phone books. Residents can select their directory delivery options at yellowpagesoptout.com. There is no cost to cities or tax payers and is funded by the phone book industry.

IAC SERVICES, INC Booth 611

Tina Bass
angela@semr.net
910-843-2121

Dry cell battery recycling. We actually consume alkaline batteries. We are interested in any quantity of dry cell batteries for our use.

International Paper Booth 313

Whitney Shoff
whitney.shoff@ipaper.com
704-334-5222

International Paper's Recycling Business has been providing marquee recycling services for more than 35 years, servicing customers in all industries. We are a consultative, full-service, business unit, providing reliable recycling services that exceed your needs.

L&P Wire Tie Booth 610

Jeff Davis
davissales@charter.net
828-279-8129

L&P Wire-Tie Systems is the leading manufacturer of wire tie systems. After serving the recycling for over 50 years, LPWT is ready to revolutionize the recycling industry with our new technology. We offer 3 wire tie machines including our newest Pinnacle Ili with Intelligent Control. Our revolutionary Pinnacle Wire Tie System introduces CORE technology which allows you to dramatically increase production time and provide a safe work environment. This new machine also provides a touchscreen allowing many great benefits. LPWT offers a full range of galvanized and annealed wire, bale ties and box wire. Every carrier of wire is quality tested to meet industry standards. Mill certifications ensure the necessary criteria are met to fit your recycling needs. With more than 20 technical sales/service people we are able to offer onsite or classroom style training as well as bilingual training. A partnership with LPWT starts with the delivery of consistent top-quality wire, wire tying operation systems and parts. It continues with all the benefits of working with the industry leaders; an expert team with knowledge, resources, and integrity to keep your operation online 24/7.

Leisure Craft Inc Booth 505

Richard Herman
dtrumann@leisurecraftinc.com
828-693-8241

Manufacturer of high quality outdoor site furnishings including trash receptacles, picnic tables, benches, bike racks, grills and fire rings.

Exhibitors

Liberty Tire Recycling **Booth 213**

Rick Payne
rpayne@libertytire.com
704-791-5567

Liberty Tire Recycling is the premier provider of tire recycling services in the United States. By reclaiming more than 33 percent of the nation's discarded tires, Liberty Tire annually transforms more than 110 million tires into raw materials for smart, sustainable products that improve people's lives.

Machinex Technologies **Booth 413**

Rusty Angel
rangel@machinextechnologies.com
336-665-2773

Machinex offers complete engineering design, manufacturing and installation of Material Recycling Facilities. Machinex provides turnkey projects for the recycling industry: Single Stream, Construction & Demolition, Front-end processing for Waste-to-Energy. The company also specializes in conveyors and offers a full range of high quality recycling equipment such as Ballistic and Disc Screens Separators, Balers, Trommels, Optical Sorting and more, giving customers a complete system integration. Over the years, our experts have designed and installed over 250 turnkey facilities in partnership with leading MRFs in Canada, the United States and Northern Europe.

Max-R **Booth 407**

Erin Goodchild
egoodchild@max-r.net
888-868-6297, ext. 1237

At Max-R, we manufacture commercial-grade waste & recycling solutions and site-furnishings made of maintenance-free 97% pure recycled plastic, Max-R Lumber™. Our material is an innovative alternative to wood since it doesn't rot, split or become food for termites.

Metal Conversion Technologies **Booth 615**

Steve Pledger
steve@metalconversion.com
678-721-0022

Metal Conversion Technologies, LLC is known exclusively for providing superior customer service. In 2003, MCT established its battery recycling facility just forty miles north of Atlanta in Cartersville, GA. In just eight years MCT has recycled more than 9,500 tons of batteries, and is on track to recycle an additional 2,600 tons this year.

Our staff has over 50 years of battery manufacturing and process application experience, in addition to process engineering and material handling knowledge.

MCT's patented Induction Melt Technology utilizes the metal components recycled from the batteries in its melt operations to manufacture its Remelt Alloy. This recycled product is a highly sought-after commodity in the United States' Stainless Steel Marketplace.



In Partnership with:

General Kinematics

Hartner Engineering

Pellenc Selective Technologies

PO Box 3217

Pawleys Island, SC 29585

Ph: (843) 237-5163

Fax: (843) 237-5164

Email: sales@metaltechsystems.com

Website: www.metaltechsystems.com

MetalTech Systems/General Kinematics . . . **Booth 202**

Paul Hanna
paulhanna@metaltechsystems.com
843-237-5163

MetalTech Systems is a designer, manufacturer and installer of complete solid waste recovery systems. In partnership with General Kinematics for screening, Hartner GmbH for Ballistic Separators and Pellenc Selective Technologies for optical sorting, we offer complete systems from a very basic single pick line to completely automated sorting systems including material sizing, optical and magnetic sorting, materials identification and automated material handling for C&D, Single Stream, Multi Stream and RDF.

MXI Environmental Services LLC **Booth 603**

Peggy Snead
peggys@mxiinc.com
276-628-6636
Household Hazardous Waste Collection Events.

Keep NC Beautiful **Booth 106**

Brenda Ewanger
nckab@carolina.rr.com
704-442-0791
Keep NC Beautiful is a non-profit 501(c)(3) organization that works toward developing partnerships that engage and empower organizations and individuals to take greater responsibility to keep North Carolina Beautiful.



OmniSource

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OmniSource is a multifaceted metals-recycling company—one of North America's largest processors of scrap and secondary metals.



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(864) 439-7039

www.omnisource.com

OmniSource Corporation, a wholly owned subsidiary of Steel Dynamics, Inc.

OmniSource Southeast Booth 408

Sandra Solomon
ssolomon@omnisource.com
OmniSource Corporation is one of North America's largest processors of scrap and secondary metals. Our more than 70 U.S. scrap collection and processing facilities, including 11 operating shredders, provide the capacity to process 7 million tons of ferrous scrap annually, and more than a billion pounds on nonferrous metals.

ORBIS Corporation Booth 904

Kelsey Lavinio
kelsey.lavinio@orbiscorporation.com
262-560-5364
Plastic reusable packaging products and services improve the flow of product all along the supply chain, to reduce costs. ORBIS helps world-class customers move their product faster, easier, safer and more cost-effectively with plastic reusable containers, pallets and protective dunnage. ORBIS uses proven expertise, industry-leading knowledge, innovation, superior products and supply chain services (pooling, cleaning and logistics) to implement plastic reusable packaging systems. To learn more, contact ORBIS, a subsidiary of Menasha Corporation, at 888-307-2185 or visit www.orbiscorporation.com.

NC DEACS Booth 210

Joe Fitzpatrick
heather.cashwell@ncdenr.gov
919-707-8127
The NC Division of Environmental Assistance and Customer Service provides technical and financial assistance to improve community recycling programs, expand recycling businesses, and increase the recovery of discarded materials.

New Life Plastic Recycling, Inc. Booth 102

Susan Newman
snewman@newlifeplastics.com
336-222-7775
New Life Plastic Recycling, Inc is a post-industrial scrap plastic recycling company. Susan Newman has been working in the plastics industry since 1986 and owned her own processing facility for over 14 years. She is available to assist you with any of your recycling needs.

Nexeo Solutions Booth 403

Leah Davis
ldavis@nexeosolutions.com
281-297-0079
Nexeo Solutions is focused on the business of connecting producers and customers of chemicals, plastics, composites and environmental services. From concept to commercialization, we provide broad logistics capabilities, in-depth market knowledge and dedicated technical expertise. With more than 2300 employees in operations across North America, Europe, Asia and Latin America, we are creating a new standard of excellence in global distribution. Discover your solution at www.nexeosolutions.com

Organix Recycling Booth 515

Jake Brashares
jakeb@organixrecycling.com
708-326-3900
At Organix Recycling we provide a service to collect food waste from large generators. The material is taken to Recycling Outlets and added to other organic matter to produce Green Energy (AD), Compost or Animal Feed.

Otto Container Management Booth 215

Greg Folmar
gfolmar@otto-usa.com
704-302-5215
Otto offers a full-circle approach to worry-free container management for waste, recycling and organic waste streams. Available are 2-wheeled carts, curbside bins, hybrid plastic dumpsters, and litter bins. Get your carts on the street and maintain them properly with Otto's assembly, distribution, and maintenance programs. Increase your carbon foot print by properly recycling your plastic containers with Otto's Plastic Recycling Program.

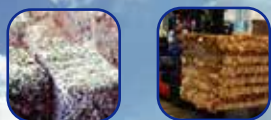
Plastic Revolutions Booth 113

Emily Kelly
ekellymeme@aol.com
410-215-2780
Plastic Revolutions is a full service plastic recycler located in a 300,000 square foot facility in scenic Reidsville, North Carolina. We recycle all forms and grades of plastic scrap, specializing in high molecular weight plastics, such as drums, IBC totes, sheet and other dunnage materials. We also process post consumer plastic bottles from used detergent, milk jugs and other consumer products.
We provide tolling and consulting services. Plastic Revolutions is managed by an eco-friendly staff of professionals with many years experience in Recycling.

Exhibitors



Pratt Industries Recycling Division offers residential, community, school, commercial, and industrial recycling programs.



We collect all types of paper; including newspapers, magazines, catalogs, office paper, books, mail and corrugated material that go into our 100% recycled containerboard.



We also collect pallets and other wood waste that is converted into electricity for our Conyers, GA mill.



Additionally, we collect plastic (# 1-7 containers as well as other types such as LDPE film and PET), glass, steel cans and banding, and aluminum cans.

Please visit us on the web at: <http://recycle.prattindustries.com/what-we-recycle/>

utilize these various feed-stocks, which makes us unique to many communities throughout the country.

To provide clean energy to its paper mill, Pratt diverts thousands of tons of materials from the landfill each week. These materials are used as fuel for a "waste to clean energy" fluidized-bed gasification facility. The gasification facility consumes 800 tons per day of wood and other high-BTU materials that were previously sent to the landfill. The steam and electricity created provides the energy to run the recycled paper mill in Conyers, GA.

Pratt Recycling has 15 Recycling Facilities in the region to assist you with reaching your zero landfill goals.

Re-TRAC Connect **Booth 305**

Rick Penner
conferences@emergeknowledge.com
204-772-7239

Re-TRAC Connect is the web-based software standard that sustainability professionals trust to efficiently collect, manage, and analyze recycling and solid waste data. All organizations including local governments, businesses, schools, and universities can sign up for FREE accounts to participate in reporting programs, track waste diversion, and publish waste reduction information online. Re-TRAC Connect is currently being used by over 10,000 recycling professionals in North America including 425 in North Carolina and 645 in South Carolina.

ReCommunity Holdings II, Inc . . **Booth 503**

Bill Leonidas
bill.leonidas@recommunity.com

A leading recycling company focused on repositioning waste as a strategic community resource.

Recover Incorporated **Booth 612**

Elizabeth Roller
elizabethroller@recoverusa.com
864-334-3212

Recover, Inc specializes in buying and selling various grades of paperboard in bale, roll and skid form for repulping both domestically and internationally. However, Recover, Inc deals in just about any grade of paper, post-consumer and post-industrial as well as plastics, and has the ability to add value through processing and warehousing operations.

Recycle Away **Booth 309**

Michael Alexander
michael@recycleaway.com
800-664-5340

Recycle Away Specializes in:

- Custom recycling containers for corporations
- Color-coded recycle bins for colleges and universities
- Outdoor recycling stations for parks and downtowns
- Recycled-content containers for LEED certified facilities
- Office recycling bins for businesses
- Fun and effective recycling containers for schools

Pratt Recycling **Booth 303**

Mary Place
mplace@prattindustries.com
803-318-6319

Pratt Industries creates new business solutions to solve 21st century resource recovery dilemmas, while assisting government, educational, public, private, commercial, and industrial companies, to reach their zero-landfill goals. As the 5th largest corrugated box manufacturer in the United States, we don't simply divert the material away from landfills, but we use it to manufacture 100% recycled packaging.

Pratt consumes a wide variety of recycled paper and corrugated cardboard, and uses non-reusable material in its waste-to-clean-energy facility as an alternate fuel. We don't only use cardboard in our recipe to manufacture 100% recycled paper, but we use newspapers, magazines, books, office paper, and discarded junk mail. Few other paper mills

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For more information, contact:
Bill Leonidas
Southeast Business
Development Manager
704.904.0493
Bill.Leonidas@ReCommunity.com
www.ReCommunity.com

Recycling Equipment Inc Booth 115

Joey Walls
peggy@gogreenrei.com
704-325-3535

Celebrating 20 Years of Business, Recycling Equipment Inc (REI), is a proven industry leader providing customers with the latest technology to meet their waste and recycling challenges. REI manufactures, sells, installs and services balers, shredders, roll shears, conveyors, wire processing equipment, electronic scrap equipment, tippers and sort systems. REI strives to produce equipment that creates a measurable difference in economics, social/environmental impacts and energy consumption while continuing to offer superior performance, durability and safety. For information about REI's products and services visit our web site: GoGreenREI.com The REI headquarters are located at 2052 Industrial Drive, Newton, NC, 28658. RECYCLING EQUIPMENT INC. - Providing recycling solutions that preserve our natural resources.

Rehrig Pacific Company Booth 509

Faith Zydowsky
fzydowsky@rehrigpacific.com
404-771-7005

Rehrig Pacific is a 100 year old, family owned and operated business. We provide our partners with high quality and durable Waste & Recycling containers as well as a full array of Environmental Services. Rehrig Pacific's service offerings are for new and established municipal and private collection programs. A partnership with Rehrig Pacific provides the care and management of your container assets leaving you free to focus on what you do best – your core business. With Rehrig's on-street service offerings, we can help you take your refuse and recycling collection operation to the next level of excellent service.

Republic Services Booth 103

Shawn Brady
sbrady@republicservices.com
828-695-2062

Republic Services is a leading provider of environmental services including solid waste collection, transfer, disposal, and recycling. The Company's various operating units provide solid waste services for commercial, industrial, municipal, and residential customers. Republic Service's approximately 31,000 employees currently serve markets in 40 states and Puerto Rico.

Roll-Tech Molding Products, LLC Booth 708

Patrice Bertrand
pbertrand@rolltech.net
828-431-4515

Roll-Tech Molding Products (RMP), LLC is a manufacturer of wheels for residential trash cans, hand trucks and dollies. Also, RMP manufacture rubber pavers for commercial and residential applications. All products made by RMP are issued of recycled plastics and recycled passenger/truck tires.

Santee Cooper Booth 404

Rusty Smith
rsmith@santeecooper.com
843-761-8000 x5186

Santee Cooper - also known as South Carolina Public Service Authority - is a state-owned electric and water utility with corporate offices in Moncks Corner, SC Santee Cooper provides power to more than 2 million South Carolinians and drinking water to 119,000 Low Country homes.

Schaefer Systems International, Inc. Booth 100

Larry Wiegman
jennifer.burns@ssi-schaefer.us
704-904-7925

Manufacturer of Residential Roll Carts for Trash and Recycling Collection.

Sonoco Recycling, LLC Booth 207

Suzanne Rogers
suzanne.rogers@sonoco.com
843-339-6362

Sonoco Recycling, LLC, offers comprehensive recycling solutions tailored to meet your unique sustainable needs, regardless of scale or complexity. Our experience in recycling and waste diversion dates back nearly a century. Today, we operate 49 recycling facilities throughout the world, providing customized services and innovative sustainability solutions to more than 15,000 commercial, industrial, municipal and government entities.

Exhibitors

Sonrai Systems/Recycling Perks **Booth 706**

Tammy Page/Bill Dempsey
tammy@sonraisystems.com/bdempsey@recyclingperks.com
630-622-9899/757-478-5225

Sonrai Systems is the leading provider of UHF RFID Event Capture systems for the Waste Industry. Sonrai's customer base currently reports more than 1 Million RFID Tag Reads every month. Sonrai's RFID Event Capture Systems are used by many municipalities to drive increased recycling participation programs and recycling incentive models.

Recycling Perks partners with haulers, municipal entities, and local businesses to improve and enhance residential curbside recycling. Recycling Perks includes rewards program management, community outreach and marketing, as well as measurement and performance tracking. The goal of Recycling Perks is to help drive local revenue and increase program participation. Recycling Perks operates through a combination of RFID technology, online database management, and hands-on community outreach efforts.

Southeast Recycling Technologies **Booth 605**

Steve Barnett
steve@recyclebulbs.com
423-534-6717

Southeast Recycling is a permitted Universal Waste Lamps processor for the proper recycling of all Mercury light bulbs, along with other UW waste.

Southeastern Agency Group Inc **Booth 604**

Brice Crigler
bcrigler@sagnc.com
336-218-7470

Southeastern Agency Group works with insurance companies to make sure we provide specialized coverage for the waste and recycling industry. We help municipalities, waste haulers, transfer facilities, material recovery facilities, scrap metal dealers, recycling collectors, portable restroom rental and service, C & D recycling, document shredders and much more. Our waste and recycling experts offer onsite loss control and claim prevention services. We provide a library of free safety and fleet maintenance programs. We also provide free OSHA compliance training and reporting on our website. Our mission is to work hard to build a long term relationship with our clients by knowing and protecting their business inside and out.

STADLER America LLC **Booth 105**

Gerben Nijland
gerben.nijland@stadler-usa.com
864-921-3039

At STADLER, innovation is the driving force for success. STADLER is one of the leading manufacturers of material recycling facilities in Europe and in the world, designing, manufacturing and installing recycling systems for all kinds of waste, including single stream, co-mingled, C&I, and MSW systems. STADLER's renowned high quality engineering is guaranteed by using in-house design and manufacturing capabilities, which gives 100% control over machine quality.

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Gerben Nijland

Vice President, Sales - Recycling Technology
phone 864.463.4352 (ext.149) | *mobile* 864.921.3039
mailing address PO Box 5561, Spartanburg, SC 29304
toll free 800.458.3194 | *fax* 864.463.4670

Strategic Materials, Inc **Booth 609**

Heather Bunn
hbunn@strategicmaterials.com
919-625-1540

Strategic Materials, Inc is the largest glass recycler in North America. We convert recyclable materials into valuable products, enabling industrial users to achieve increased operational efficiency. Our materials are utilized to create a wide range of products used in daily life, including: fiberglass insulation, food & beverage containers, reflective materials, and other consumer and industrial products. SMI has the scale, skill, and flexibility to serve clients across industry and geography. Contact us today to learn how we can leverage resource conservation on your behalf.

Synergy Recycling **Booth 111**

Megan Benham
mbenham@synergyrecycling.com
336-548-7014

Synergy Recycling is an R2/RIOS Certified Electronics Recycler located in Madison, NC. Services offered by Synergy include end-of-life electronics processing, certified data destruction, and asset management. Synergy facilitates recycling programs for municipalities, counties, schools, manufacturers, and other businesses.

Exhibitors



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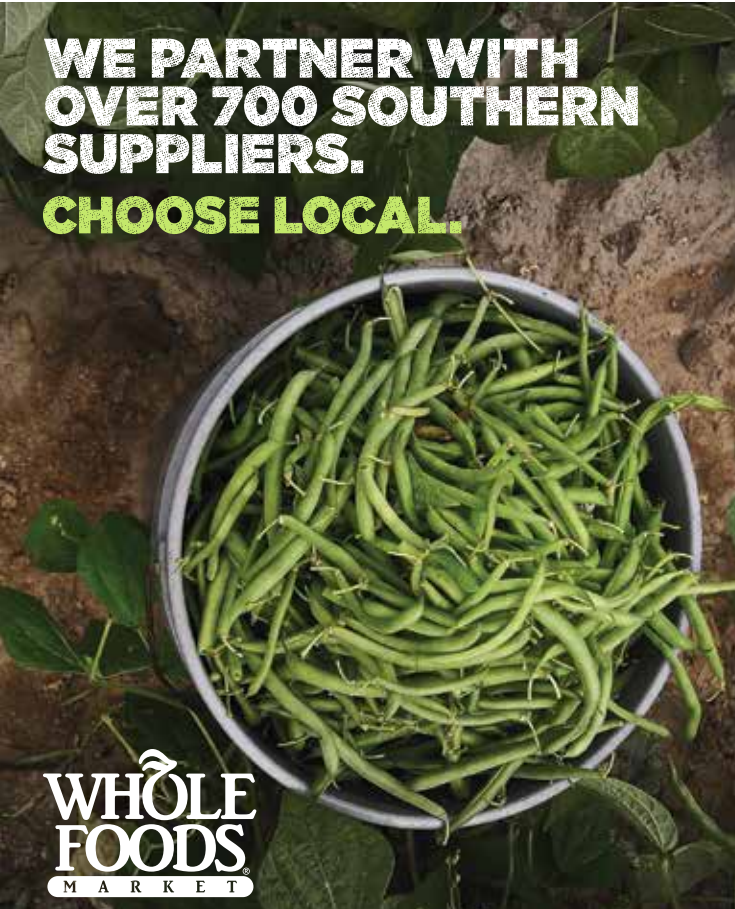


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Turtle Old Man Jewelry **Booth 912**

Jim Rice
jim@turtleoldman.com
828-264-4882
Turtle Old Man Jewelry is handcrafted by Jim and Cindy Rice and, since 2009, their son, Eric. We each excel at different types of jewelry, yet our work harmonizes. We each enjoy working with different materials.
Our goal is to provide an overwhelming selection of beautiful and unique jewelry at a reasonable price.

UNICOR (Federal Prison Industries)..... **Booth 613**

Drew Short
drew.short@usdoj.gov
850-526-7041
UNICOR is Federal Government owned and operated. ISO 9001, 14001, 18001 and R2 certified.

Universal Environmental Services..... **Booth 908**

Bill Laursen
blaursen@universalenviro.com
803-979-1212
Universal Environmental Services provides used oil, oil filter and antifreeze collection. We also provide Vac truck services.

Viva Recycling **Booth 203**

Rebecca Wilson
rebecca.wilson@vivarecycling.com
843-995-0711
Viva Recycling of SC is a fully integrated producer and marketer of high value recycled rubber products in South Carolina. We combine innovative product development, strong market knowledge and proprietary manufacturing process, to produce a line of recycled rubber products for athletic fields, playgrounds, landscaping, molded products, equestrian and road construction.

VLS Recovery Services, LLC..... **Booth 906**

Phillip McAbee
phillip.mcabee@vlsrs.com
864-962-9953
VLS Recovery Services operates one of the nation's leading full service non-regulated waste processing facilities in Mauldin, South Carolina. Services provided include Industrial recycling and beneficial re-use, full service waste water treatment, supplemental fuel management, landfill solidification/preprocessing. VLS recently opened in Gray Court, South Carolina a 30,000 square- foot Industrial Recycling Facility (IRF) this is a one-of-a-kind industrial waste processing center providing the industry's most affordable solution to zero landfill compliance.

North Carolina and South Carolina Beverage Associations

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Waste Industries **Booth 608**

Norma Yanez
norma.yanez@wasteindustries.com
252-241-2056

Waste Industries, LLC is a regional, vertically integrated solid waste service and recycling company. We provide solid waste collection, transfer, disposal and recycling services to commercial, industrial and residential customer locations in North Carolina, South Carolina, Virginia, Tennessee, Maryland, Kentucky, Delaware and Georgia. Our principal operations consist of 37 collection operations, 23 transfer stations, approximately 72 county convenience drop-off centers, 12 recycling facilities and 8 landfills serving more than 836,000 municipal, residential, commercial and industrial service locations. We have provided efficient, innovative, cost-effective solid waste solutions for our customers since 1970.

Waste Management Recycling **Booth 311**

Chersten Cohn
ccohn@wm.com
919-247-9678

WM Recycling provides manufacturers with the secure, consistent stream of high-quality raw materials they need to maintain operational efficiency. We offer municipalities cost-efficient, environmentally sound recycling programs. And we deliver opportunities for improved return on investment all along the recycling chain.

Waste Pro USA, Inc **Booth 310**

Brandi Hunter
bhunter@wasteprousa.com
407-869-8800

Waste Pro is one of the fastest growing, privately owned solid waste companies, serving 8 states and two million customers with commercial and residential solid waste and recycling collection, processing, and disposal services from more than 70 locations.

Wastequip/Toter **Booth 414**

Debbie Johnson
djohnson@wastequip.com
704-872-8171

Toter is a manufacturer and marketer of high quality plastic containers for residential, industrial, commercial and retail accounts. Toter is the leading supplier of wheeled, roll out carts used for curbside automated waste and recycling by cities and private haulers.

Weisenbach Recycled Products **Booth 902**

Dan Weisenbach
dan@weisenbach.com
614-251-8444

Manufacturer of Recycled Products for awareness campaigns involving litter prevention, beautification, recycling, and pollution prevention. Weisenbach features recycled and environmentally preferable products such as promotional products made from recycled plastic, recycled paper, and tire rubber; awards made from recycled glass; plus printing with soy inks on recycled paper.



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2014 Inaugural
Manufacturers Zero Waste Conference
A Peer Sharing Event for Businesses



April 1-2, 2014

Manufacturers Zero Waste Conference

“Zero Waste to Landfill” is rapidly becoming a normal way of doing business in manufacturing operations around North and South Carolina. The inaugural Manufacturers Zero Waste Conference provides a unique opportunity for companies pursuing ZWTL to learn and share techniques on how to reach their goals. Held in conjunction with the 24th annual Carolina Recycling Association Conference, attendees will have valuable access to market contacts, service providers, government agencies, and peer networks that can help their company achieve ZWTL goals.

Tuesday, April 1		
9:00 – 10:30am	Registration	Sammons Wing
10:30am – 12:00pm	Featured Manufacturers Zero Waste Initiatives	Heritage C
12:00 – 12:45pm	Lunch	Skyline Room
12:45 – 1:25pm	Getting Started: Approaches, Tools and Resources for Recycling Challenges	Heritage C
1:25 – 2:15pm	What’s in Your Dirt? – Finding Value in Your Program	Heritage C
2:15 – 2:30pm	Break	Heritage C
2:30 – 3:30pm	Integrated Resource Management Opportunities – Vendor Panel	Heritage C
3:30 – 4:30pm	ZWTL Achiever Panel	Heritage C
4:30 – 6:30pm	CRA Trade Show Exhibit Hall Grand Opening Reception	Exhibit Hall

Wednesday, April 2		
9:00 – 10:15am	General Session – Business Leaders in Recycling and Zero Waste	Heritage A & B
10:15 – 10:45am	Break	Heritage C
10:45 – 12:15pm	ZWTL Solution Matchmaking	Heritage C
12:15 – 1:15 pm	Lunch with Exhibitors	Exhibit Hall

TUESDAY, APRIL 1

OPENING SESSION

10:30am – 12:00pm

Featured Manufacturers Zero Waste Initiatives

Heritage C

Leading manufacturers across the Carolinas have achieved Zero Waste to Landfill status as part of their pursuit of the triple bottom line. Hear the journey to zero waste told by executives at Glen Raven and BMW. What were the drivers? What were the challenges and successes? And, how have the programs evolved and been sustained? Learn how two distinctively different industrial sectors met this goal and participate in an extended Q&A dialogue.

MODERATOR: Terry Albrecht, NC Division of Environmental Assistance and Customer Service

WELCOMING REMARKS: Preston Howard, NC Manufacturers Alliance

SPEAKERS: Randy Blackston, Glen Raven; Wes Westbrooks, BMW Manufacturing Company

12:00 – 12:45pm

LUNCH - Skyline Room

12:45 – 1:25pm

Getting Started: Approaches, Tools and Resources for Recycling Challenges

Heritage C

This fast-paced session will begin with an “ABC’s” presentation about how to launch a zero waste to landfill initiative building upon the strengths of your organization and its people. Industry leader, Daimler Truck North America will share insight on how to get started and establish a framework for a successful program. State representatives from both North and South Carolina will provide briefings on tools, technical resources and programs that can assist with your zero waste program whether in the formative stages or the home stretch.

MODERATOR: Chantal Fryer, SC Department of Commerce

SPEAKERS: Ryan Pennington, Daimler Trucks North America; Scott Fister, NC Division of Environmental Assistance and Customer Service; Stacey Washington, SC Department of Health and Environmental Control

1:25 – 2:15pm

What’s in Your Dirt – Finding Value in Your Program

Heritage C

All Zero Waste to Landfill initiatives face cost constraints and

some must be cost neutral. This session presents case studies from manufacturers that have used value-added strategies to improve processes, save money and reduce waste. Learn how companies are creatively working with their suppliers and customers to achieve these waste reduction goals. Come hear these benefits from the manufacturers’ perspective.

MODERATOR: Angela Barger, NC Division of Environmental Assistance and Customer Service

SPEAKERS: Scott Delorme, International Automotive Components; John Foster, Keihin Carolina Systems Technologies; Jason Haritos, John Deere Turf Care; Gary Williamson, Bridgestone Americas Tire Operation

2:15 – 2:30pm

BREAK - Heritage C

2:30 – 3:30pm

Integrated Resource Management Opportunities – Vendor Panel

Heritage C

This session will introduce waste management and recycling vendors who offer services that can assist manufacturers working towards zero waste to landfill. Vendors will provide a brief overview of their services, ranging from recycling common commodities, recycling unique waste streams, and accessing waste to energy options.

MODERATOR: Jan Foster, Waste Reduction Partners

SPEAKERS: Larry Gay, ICE Recycling; Amanda Fairley, Waste Management; Michael Lettre, Sonoco Sustainability Solutions; Platt Moore, VLS Recovery Services; Mary Place, Pratt Industries

3:30 – 4:30pm

ZWTL Achievers Panel

Heritage C

Industry leaders will share experiences in their company’s efforts to attain zero waste to landfill. Each panel participant will share specific challenges stemming from their manufacturing process and discuss how these challenges were addressed. Topics include conducting a dumpster dive, promoting employee engagement, and managing residuals on recyclable material. A discussion period will take place after the presentation period for sharing of other attendees’ experiences.

MODERATOR: Marshall Goers, Waste Reduction Partners

SPEAKERS: Steve Street, Corning Cable Systems; Sam Vedder, Grifols Therapeutics; Tim Hamel, Thermofisher Scientific; Tony Soto, The Boeing Company

Manufacturers Zero Waste Conference

TUESDAY, APRIL 1

4:30 – 6:30pm

CRA Trade Show Exhibit Hall Grand Opening Reception

WEDNESDAY, APRIL 2

9:00 – 10:15am

Joint Session with the CRA: Business Leaders In Recycling and Zero Waste

Heritage A & B

Companies in the Carolinas are among the leaders in both recycling and zero waste. Two in the forefront are Unifi and Sierra Nevada, each striving to improve recycling and to eliminate their plants' dependence on landfills. The two firms will share the story of their commitment to positive action against waste on multiple fronts.

MODERATOR: Scott Mouw, NC DEACS

WELCOMING REMARKS: John Skvarla, Secretary NC DENR

SPEAKERS: Fred Indermaur and Eddie Ingle, Unifi; Cheri Chastain, Sierra Nevada

10:15 – 10:45pm

BREAK - Heritage C

10:45am – 12:15pm

ZWTL Solution Matchmaking

Heritage C

This innovative session format will feature multiple presenters stationed at tables. Attendees can have focused, sit down discussions with presenters in a small group setting. Attendees will have three rotations among tables, selecting topics of their choice. Focused subjects will include vendors' services, resource providers and other specific ZWTL topics including: composting programs, ZWTL certification programs, leaning and analysis tools, feeding your marketing efforts, boutique services, and more.

MODERATOR: Scott Fister, NC Division of Environmental Assistance and Customer Service

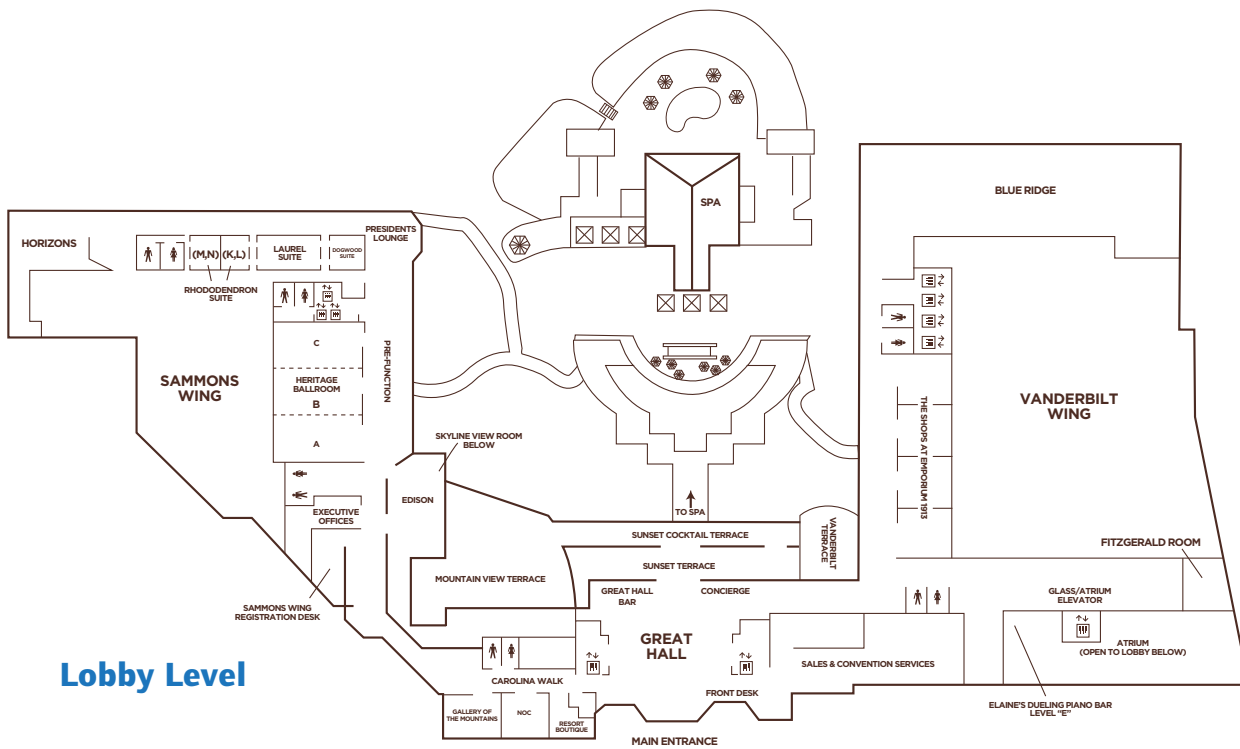
SPEAKERS: Danny Yount, Asmo North Carolina; Irma Villagas, Bridgestone Americas Tire Operation; Jamie Morgan, Santa Fe Natural Tobacco Company; Alice Rimer, Thomas Built Buses; Kurt Wirgau, Heritage Environmental; Anna Mangum, NCSU, Industrial Extension Service; Stacey Washington, SC Department of Health and Environmental Control; Jan Foster, Waste Reduction Partners; Angela Barger, NC Division of Environmental Assistance and Customer Service

12:15 – 1:15pm

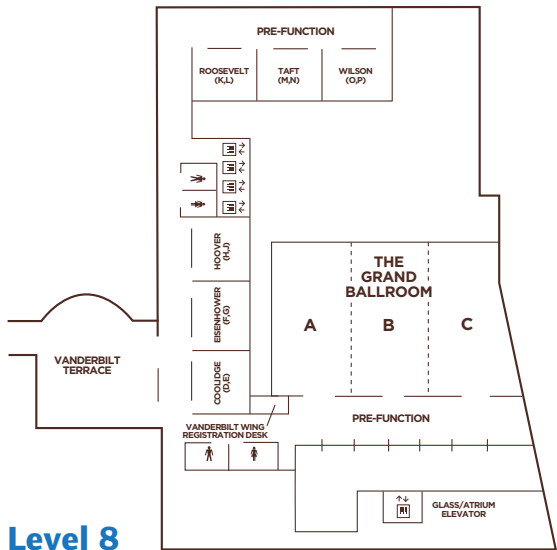
LUNCH - Exhibit Hall

Meeting Rooms

The Omni Grove Park Inn



MEETING ROOM LAYOUT



Level 8



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Manufacturers Zero Waste Conference

