Turning today's waste into tomorrow's resources

# Summit for Recycling





Pueblo Convention Center Pueblo, Colorado

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### iBienvenidos a Summit for Recycling!

Welcome to southern Colorado and the beautiful City of Pueblo, our host for the 2012 Summit for Recycling! On behalf of the Colorado Association for Recycling (CAFR) Board of Directors, the Summit Planning Committee, and CAFR staff, we encourage you to take full advantage of the next two and a half days. This time provides many opportunities to gather with fellow CAFR members and Summit attendees to network, learn, share, relax and have some fun as we celebrate the many accomplishments achieved over the past 12 months.

Whether participating in the Summit as an exhibitor, sponsor, speaker, moderator, attendee or volunteer, your being here is crucial to ensuring a successful event. It is your direct contribution that allows the Summit to come alive each year, providing an extremely valuable networking environment for all attendees. This year, we have 12 Student Scholarship winners, four Poster Contest winners and many prestigious 2012 CAFR Recycling Award recipients in our midst, allowing us to recognize the next generation of recyclers as well as numerous tremendous accomplishments in the recycling industry. We offer a special 'thank you' to each of our exhibitors (page 6) and sponsors (pages 7-8) for their financial support and participation. And we recognize and thank each of you for taking take time away from family and job to assist CAFR in building a prosperous future for recycling in the Rocky Mountain region.

### Recycling Makes Dollars and Sense

Waste diversion and recycling continue to make an economic impact in Colorado. Your organization, your work, your volunteer efforts all combine to improve the opportunities, infrastructure, and education required to make this possible and to increase that impact each and every year. In the 2012 Colorado legislative session, the recycling community achieved a major milestone with the passage of SB-133, which came through both the Colorado House and Senate with bipartisan support. The bill bans disposal of electronics from landfills in Colorado and requires state agencies to use a recycler certified to R2 or E-Steward type standards. Local electronic recyclers expect that once the landfill ban kicks in, their businesses could double in size from the increase in electronic devices collected and processed in the state. This is a tremendous achievement, which embodies this year's Summit theme - Recycling Makes Dollars & Sense - in the truest sense of the phrase. We, as an organized membership, continue to raise the bar and push the envelope. Whether your goal is to increase waste diversion, foster sustainability, raise awareness on product stewardship and extended producer responsibility, or figure out how to better measure data across the state - your participation in this event helps keep the fundamental and grassroots efforts of our membership alive.

We strongly urge you to take full advantage of the sessions, tours, and networking opportunities provided at the Summit. Also, know that we ask for and value your honest feedback and constructive criticism to allow us to continue to build on the success of the Summit for years to come.

Warmest regards,

Michelle Kincheloe
Summit Planning Chair

Marjorie Griek CAFR Executive Director



### Program At-A-Glance

### Sunday, June 10

1:00pm Southern Colorado Recycle Rally

5:00pm Welcome Reception

### Monday, June 11

8:00am Opening Plenary

• Recycling is Magic!

• Recycling, Energy & The Economy

9:30am Concurrent Sessions I

• Recycling 101: Laying the Foundation

• The Bottom Line for Organics

• Creating Jobs Through Urban Mining of

Electronics

11:15am Concurrent Sessions II

• Recycling 201: Creating A Profitable

Recycling Business Model

• Expanding Institutional Recycling Efforts

• Product Stewardship - Taking Action

12:30pm Luncheon Plenary

• Local & Regional Approaches to Growing

Recycling & the Economy

2:30pm Tours

• EVRAZ Rocky Mountain Steel Mill

Vestas Wind Towers Plant

Pueblo Recycling Loop

• Bestway Recycling

• Mountain Park Environmental Center

6:00pm Recycling Awards Gala and Silent Auction

(\$50; purchase your tickets at registration)

### Tuesday, June 12

8:15am Concurrent Sessions I

Approaching Rural Recycling

 Legislative Shenanigans - They're Nothing to Sneeze At

The Role of ReUse & Hard-to-Recycle
 Itams in Peaching Zoro Waste

Items in Reaching Zero Waste

10:15am Concurrent Sessions II

• Construction & Demolition Case Studies

• Statewide Data Reporting Methodology

• Lightning Round: RREO Grants

11:30am Luncheon Plenary

• National Recycling Roundtable

1:15pm Concurrent Sessions III

 Addressing Recycling & Waste Diversion in the Sustainability Equation

• The Latest in Innovative Programs

 Increasing Recycling Through Education, Outreach, & Social Marketing

2:45pm Closing Plenary

 Recycling Markets: What's On The Horizon

### Recycling, Energy & The Economy

### Monday, June 11 - 8:00am

Join Roger Freeman and Eric Lombardi as they engage in an informative debate about how recycling can save energy and spur the economy throughout Colorado and the Rocky Mountain region.





### Local and Regional Approaches to Growing Recycling and the Economy

### Monday, June 11 - 12:30pm

Businesses and governments face continued economic challenges which affect their success and longevity. Join Senator Gail Schwartz and Bill Sheehan as they share their insight on growing our economy.





### National Recycling Roundtable

### **Tuesday, June 12 - 11:30am**

Industry leaders from around the country share their lessons learned in recycling, waste diversion, economic development and legislative challenges.

### Recycling Markets

### **Tuesday, June 12 - 2:30pm**

Listen to experts in the industry discuss the latest commodity trends for materials in the curbside cart and beyond. From supply and demand and exports to material qualities and the latest success stories.

### Council Meetings

CoPSC Sunday, June 10 - 3:00pm
RMOC Monday, June 11 - 3:00pm
ERRC Monday, June 11 - 5:00pm



Chris K. Kaufman President

Steve Nawrocki Vice-President



Sandy Duff Leroy Garcia Eva E. Montoya Chris Nicoll

### OFFICE OF THE CITY COUNCIL

### Welcome to Pueblo, Colorado's Southern Capital!

On behalf of the community of Pueblo and the City Council, I am honored to welcome attendees, exhibitors, speakers, and guests to the 23rd annual "Summit for Recycling," being held in Pueblo for the first time!

Pueblo has been referred to as the "Steel City," home of Evraz Rocky Mountain Steel, established in 1881 as a mill for the Colorado Fuel and Iron Co. Also, as the hometown to four Medal of Honor recipients - more, per capita, than any other city in the United States - we also fondly are known as "The Home of Heroes"!

Pueblo is undergoing a renaissance and has been getting a lot of attention nationwide. Its prized urban river walk recently received the EXCELLENCE on the WATERFRONT award from the Waterfront Center for helping anchor more than \$260,000,000 in private and public development since it was built just 10 years ago.

Located at the confluence of the Arkansas River and the Fountain Creek, our community has been an important crossroad for transportation and trading for more than 160 years, making it the economic hub of southeastern Colorado - or Colorado's southern capital.

This fact blends well with the theme of your Summit, "Recycling Makes Dollars and Sense." Pueblo has a great opportunity to reach out and create 'spokes' in rural southern Colorado towns to divert solid waste through recycling and remanufacturing. The old ways of managing discards is not necessarily the best for the environment, people, and economy. Pueblo stands ready to create a system and build partnerships.

We welcome the attention the CAFR "Summit for Recycling" conference brings. Whether you've visited our community recently, or if you've never been here, we're certain you will choose to return again and again! Welcome to Pueblo!

Chris K. Kaufman President of City Council

### Out and About in Pueblo

The Historic Arkansas Riverwalk of Pueblo (HARP), known as "the Riverwalk," has casual eateries, bars, lighted fountains, outdoor sculptures, a natural history area, excursion boat rides, pedal boat rental, and the Veteran's Memorial Bridge. Just one block from the Convention Center, it is a perfect place to enjoy during the day or evening. www.puebloharp.com

#### Map of Pueblo

See the large map of downtown Pueblo displayed at registration to

find nearby food and drink and to find out how to get from the convention center to El Pueblo History Museum for the Recycling Awards Gala.



### **Downtown Restaurants**

Open Sunday evening and during the conference.

Angelo's Pizza Parlor Riverwalk at Union Ave. Bridge 719-544-8588 - Open until 9pm

Charlie B's at the Marriott 110 W. 1st St. 719-542-3200 - Open 5pm-10pm

Cock and Bull Tavern 325 S. Union Ave. -719-404-1800 - Open noon-5pm

Patti's Restaurant and Bar 241 S. Santa Fe Ave. 719-543-2371 - Open noon-7pm

Shamrock Brewing Co. and Grill 108 W. 3rd Street 719-542-9974 - Open 12pm-12am

Nachos' Mexican Restaurant 4th and Santa Fe Ave. 719-544-0733 - Open 11am-8pm

Rojas Mexican Restaurant 126 E 4th St. (719) 543-1055 - Open 9am-9pm

### Southern Colorado Recycle Rally June 10

**Free**! 1:00pm to 5:00pm in the Exhibit Hall Open to the public and conference attendees.

### Recycled Art Market

Open through 10:00am Monday, June 11. Artists from around Colorado showcase reuse as another solution to waste. Purchase jewelry, home décor, beautiful artwork and other unique items made from repurposed materials.



### CF&I Parlor Car Display

Visit this mobile museum in the parking lot of the convention center, Sunday only. The renovated display showcases the early days of mining and steel making by the Colorado Fuel and Iron Company and explains the historic origins of what is now the largest recycler by weight in our state, Evraz Rocky Mountain Steel-Pueblo.

### CJ May the Resourcerer<sup>SM</sup>



### Recycling is Magic!

Don't miss the live performances by Yale University's recycling coordinator at 2:30pm on Sunday and 8:00am on Monday, June 11.

### Student Poster Contest Awards

Join us at 3:00pm, Sunday, in the Exhibit Hall as we recognize the K-12 winners of the 6th annual statewide poster contest.





**Grandprize Artwork by Rachel Vaughan** 

### 6th Annual Poster Contest Winners!

See the winning artwork online at www.cafr.org and get details on how students in your area can enter the contest next year!

Order your 2013 calendar today at registration and save \$5.

#### Kindergarten through 2nd Grade

1st Bella Butler, 2nd grade Frisco Elementary, Frisco

2nd Jacob Latek, 2nd grade Frisco Elementary, Frisco

3rd Annika June Harlan, 1st grade Rooney Ranch Elementary, Lakewood

#### 3rd through 5th Grade

1st Lucas McLaughlin, 5th grade Goodnight School, Pueblo

2nd Karli Fryberger, 5th grade Northridge Elementary, Highlands Ranch

3rd Ella Paulman, 5th grade McClelland School, Pueblo

### 6th through 8th Grade

1st Jasmine Godinez, 6th grade Boys & Girls Clubs of Metro Denver

2nd Savannah Raisor, 8th grade Mountain Ridge Middle School, Highlands Ranch

3rd Scott Mol, 8th grade Mountain Ridge Middle School, Highlands Ranch

### 9th through 12th Grade

1st Rachel Vaughan, 12th grade Thompson Valley High School, Loveland

2nd Evan Merriam, 12th grade Thompson Valley High School, Loveland

3rd Paulet Modqueda, 10th grade Fort Morgan High School, Fort Morgan

### Things You Need to Know

### Summit Attendee List

The Summit for Recycling attendee list will be distributed electronically, in PDF format, after the conference.

### Your Feedback is Important

Please take a moment to fill out your Summit evaluation. An electronic evaluation will be distributed via e-mail to all attendees after the conference. Please let us know what you think. We value your opinions and use them to shape future events.

### SWANA CFUs Available

CAFR and the Solid Waste Association of North America are partnering to offer Continuing Education Units (CEUs) for Summit for Recycling attendees. Report forms are available at the registration desk.

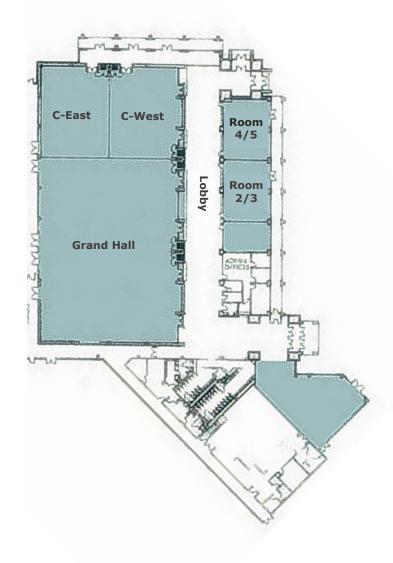
### Carbon Offsets

CAFR encourages attendees to offset the emissions from your trip to Pueblo via the Colorado Carbon Fund. All contributions to the Fund support new clean energy projects in Colorado that reduce greenhouse gas emissions. www.coloradocarbonfund.org

### Sustainability and Recycling at The Pueblo Convention Center

The Pueblo Convention Center is dedicated to saving energy, reducing, reusing, and recycling. A few of the green initiatives in place include providing recycling bins for paper, plastic, and aluminum; using glass service ware whenever possible; and donating any leftover food to the Pueblo Community Soup Kitchen and the YWCA Women's Shelter. Feel free to refill your coffee mugs and water bottles at the beverage stations, and don't forget to recycle your name tags at registration before you leave.

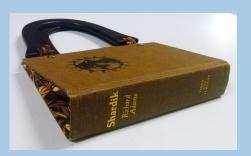
### **Pueblo Convention Center** Wireless internet is available throughout the facility.



### Visit the Silent Auction at the Recycling Awards Gala

This year your only chance to bid on items in CAFR's silent auction is at the Recycling Awards Gala, Monday night at El Pueblo History Museum. Bidding starts promptly at 6:00pm and ends at 8:30pm. Items to bid on this year:

- Royal Gorge gift certificate for two, plus dinner and train ride
- Half-day rafting trip on the Arkansas River
- Hunter Douglas Honeycomb Duette Architella shades
- State Fair tickets
- Lexmark printer
- Wine rack made from skis
- Recycled, reused and up-cycled art, jewelry and clothing
- And much, much more...



Bid on this unique book purse!

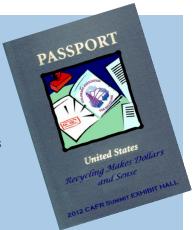
### **Exhibit Hall**

All Recycling, Inc. Altitude Recycling Equipment, LLC Amazing Recycled Products American Iron & Metal Bestway Recycling Bio Pappel Can Manufacturer's Institute Colorado Product Stewardship Council **Electronic Recyclers International** eSCO Processing and Recycling **EVRAZ** Genesis Electronics Recycling Geocycle Green Earth Environmental Solutions Intercon Solutions Larimer County Solid Waste Metech Recycling Otto Environmental Systems Power Screening, LLC recycOil, LLC Republic Services Rocky Mountain Bottle Company Rocky Mountain Recycling Sims Recycling Solutions Stage 2 Studios Trex Company University of Colorado Recycling Services UNICOR Federal Prison Industries, Inc. Vision Recycled Aggregate Waste Management Wastequip/Toter Western Metals Recycling

### Don't forget your passport!

Get 12 or more stamps from around the 'world' of the Exhibit Hall and enter to WIN free registration and 2 nights lodging at the 2013 Summit. A duty-free prize valued at more than \$600!

Summit for Recycling May 19-21, 2013 Keystone, Colorado



Entry forms are included in registration packets.

The passport drawing will take place on Tuesday at the close of the afternoon plenary session.

### **Exhibit Hall Hours**

Grand Hall

**Sunday - Open 1:00pm to 7:00pm** 

1:00pm - 5:00pm Open to the public 5:00pm - 7:00pm Welcome Reception

Monday - Open 7:00am to 3:00pm

Dedicated exhibit hall time:

7:00am - 8:00am Networking Breakfast 9:00am - 9:30am Break in Exhibit Hall 1:30pm - 2:30pm Break in Exhibit Hall

Tuesday - Open 7:00am to 1:15pm

Dedicated exhibit hall time:

7:30am - 8:15am Networking Breakfast 9:45am - 10:15am Break in Exhibit Hall 12:45pm - 1:15pm Break in Exhibit Hall



### Summit for Recycling Sponsors

Gold

American Iron & Metal
Ball Corporation
Bestway Recycling
Boulder County Resource Conservation
City of Loveland
City of Pueblo
EVRAZ
Larimer County Solid Waste
Metech Recycling
Pueblo County
Republic Services
Waste Management
Western Disposal Services

Silver

Alpine Waste & Recycling
Electronic Recyclers International
Geocycle
MillerCoors

### Summit for Recycling Sponsors

### Bronze

A-1 Organics
Atlas Metal & Iron Corp.

C&C Disposal and Recycling
CAFR Board of Directors
Carton Council
Eco-Cycle
El Paso County
Gallegos Sanitation, Inc.
Hi-Tec Plastics Recycling
Hunter Douglas

New Belgium Brewing Company
Power Screening, LLC
Rocky Mountain Recycling
Waste-Not Recycling

### Copper

Bechtel National, Inc.

ColorPro

Curbside Recycling, Inc.

Greater Pueblo Chamber of Commerce

Recyclebank

Sustainable Pueblo

Wastequip/Toter

Western Metals Recycling, LLC

# Summit for Recycling Scholarships

Each year, CAFR offers scholarships to high school and university students to attend the Summit for Recycling and learn about recycling and waste diversion.

This year, CAFR awarded scholarships to twelve students – a record number! Please take the time to get to know each student over the course of the conference. This is a great time to share your experiences, your knowledge, and your stories. Join your fellow CAFR members in fostering the next generation of recyclers and composters!

Each scholarship includes Summit registration, lodging and transportation.

### Scholarship Sponsors

Angel of Shavano Recycling
Black Hills Energy
Blue Star Recyclers
City of Fort Collins
Colorado State University

Colorado State University Facilities Management Services

LBA Associates, Inc.
Recycle Creede
recycOil

University of Colorado Recycling Services Western Disposal Services

Friends of CAFR

And... thanks to a generous grant from

Southern Colorado Community Foundation

### 2012 Scholarship Recipients



**Desiree Archuleta** Colorado State University -Pueblo



Jessica Johnson University of Colorado at Boulder



Jennifer Armstrong University of Denver



Amber Lesser University of Colorado at Boulder



Alex Devieux University of Denver



**Natalie Walter**Ponderosa High
School



Kelsey Jo Freeman Colorado Rocky Mountain School



LeeAnn Westfall Colorado Technical University



**Kira Headrick**Fairview High
School



**Dimitri Zaugg**Colorado State
University Fort Collins



Johnson
University of
Colorado at
Colorado
Springs



**Cindy Zou**Fairview High School

### Sunday, June 10

### **Southern Colorado Recycle Rally**

1:00pm - 5:00pm Grand Hall and Parking Lot

See page 4 for details.

### **Colorado Product Stewardship Council Meeting**

### **Welcome Reception**

5:00pm - 7:00pm

Following the Southern Colorado Recycle Rally, relax in the Exhibit Hall with the CAFR Board of Directors and staff, Summit Planning Committee, sponsors, exhibitors, and local dignitaries for hors d'oeuvres and refreshments. Take a stroll along Pueblo's Riverwalk after the reception!

### Monday, June 11

#### **Fusion Yoga**

7:00am - 7:45am Room 2/3

#### **Networking Breakfast**

7:00am - 8:00am *Grand Hall* 

### **Opening Plenary**

8:00am - 9:00am *Grand Hall* 

#### Welcome

Speaker: Chris Kaufman, Pueblo City Council President

### Recycling is Magic!

Join CJ May the Resourcerer<sup>SM</sup> in a 'magical' opening to the 23rd annual Summit for Recycling. CJ combines his experience as an environmental professional, magician and storyteller to educate Summit attendees about recycling and waste diversion as they relate to the economy, kicking off the Summit in a fun and memorable way. www.betterworldmagic.com

#### Recycling, Energy & The Economy

Waste minimization, reuse, and recycling of materials that would otherwise become waste are an often overlooked form of energy, revenue generation and environmental gain. By focusing on recycling, energy and the economy throughout all aspects of business and government...*Recycling Makes Dollars* &

**Sense**. During this plenary, Roger Freeman, member of the Colorado Solid and Hazardous Waste Commission, and Eric Lombardi, Executive Director of Eco-Cycle, engage in an informative and engaging debate on their perspectives on recycling and energy issues within Colorado and the Rocky Mountain region.

Moderator: CJ May, Yale University

### Break in Exhibit Hall

### Concurrent Sessions I

### **Recycling 101: Laying the Foundation**

9:30am - 11:00am

Grand Hall

C-West

Building and expanding waste diversion and recycling programs can be daunting for any local government; and available information may be misleading and often complicates decision-making. This session addresses the components that recycling managers and officials should consider when building and expanding waste diversion and recycling programs. Key 'fact versus fiction' topics include: debunking the more 'trashy' myths, factual information and critical data for setting up waste diversion programs, waste composition, municipal versus private collection, C&D management, Pay-As-You-Throw, 'free' recycling, regulations, and hauler contracting/partnerships. Key examples from communities across Colorado will be shared.

Speakers: Laurie Batchelder Adams, LBA Associates, Inc.; Linda Kogan, University of Colorado at Colorado Springs; Carrie McCausland, City of Colorado Springs; LeeAnn Westfall, Pikes Peak Community College.

Moderators: Susan Finzel-Aldred, Pueblo City and County Health Department and Chris Kaufman, Pueblo City Council President

### The Bottom Line for Organics: Technological Innovations & Case Studies

9:30am - 11:00am

C-East

Waste diversion programs that fail to address organics recovery miss out on the "biggest bang for their buck" in terms of overall diversion potential. Research results continue to remind us that organics are the largest component of the municipal solid waste stream. Even if you're familiar with composting operations, this session will broaden your horizons with new developments within the organics industry. Topics include anaerobic digestion as an alternative to managing waste, the latest technologies to remove film plastics from food waste composting programs, and energy production as a method to manage source separated organics.

Speakers: Aaron Burman, Resource Recycling Systems; Todd Dunderdale, Komptech USA; Bob Yost, A-1 Organics. Moderator: Tom Lincoln, T-Mark Enterprises

### **Creating Jobs Through Urban Mining of Electronics**

9:30am - 11:00am

Room 4/5

Electronics have changed the way we communicate, how we do our jobs, and how we think. Economic development and innovation increase the demand for electronics. Partner the economy and job creation and you have the key attributes to making any community thrive - locally, statewide, and nationally. In this panel session, electronics recyclers share their perspectives on how "urban mining" is creating jobs in Colorado, on local and national electronics recycling trends, and on what innovations have been initiated within the electronics recycling industry to further job creation within their regions.

Speakers: Dag Adamson, Lifespan Technology Recycling; Matt McLaughlin, Electronic Recyclers International; Chad Miller, Waste Management; Bill Morris, Blue Star Recyclers; Allyson Weaver, Metech Recycling.

Moderator: Kim Bartels, EPA Region 8

### Concurrent Sessions II

### Recycling 201: Creating A Profitable Recycling Business Model

11:15am - 12:30pm

C-West

Once your waste diversion and recycling program is in place, ensuring that programs maintain their cost effectiveness and efficiency is key to their longevity. This session focuses on taking programs to the next level. Speakers address pros and cons of privatization for both recycling and organics recovery programs - when privatization makes sense and when it doesn't; strategies used across the nation including incentives, bans, and mandates; design alternatives and how they impact program performance; and outreach options to help communities meet their goals, and finally the high level issues to consider when adding a compost program to the services offered within a municipal system.

Speakers: Kevin Berg, Summit County; Mike Dempsey, Pebble Creek Partners; Juri Freeman, Skumatz Economic Resource Associates, Inc. *Moderator*: Tyler Bandemer, City of Loveland

### **Expanding Institutional Recycling Efforts**

11:15am - 12:30pm

C-East

Tackling the commercial waste streams of small and large businesses, colleges and universities, and multifamily complexes provides the biggest impact for increasing recycling and organics diversion rates within communities that already have recycling programs. Presenters in this session share traditional and non-traditional initiatives, research, performance data, and real-life experiences on topics ranging from price/incentive options for increasing diversion to technical assistance programs and university recycling initiatives - all of which provide attendees with tools to take the next step with recycling in their communities.

Speakers: Dana D'Souza, Skumatz Economic Research Associates, Inc.; Jamie Harkins, City of Boulder; CJ May, Yale University. *Moderator*: Kristen Bertuglia, Town of Vail

### **Product Stewardship - Taking Action**

11:15am - 12:30am

Room 4/5

Senator Gail Schwartz and members of the Colorado Product Stewardship Council provide an in-depth look at product stewardship in Colorado and across the nation. This session provides an overview of product stewardship actions being taken within the state, how to map stewardship's road ahead, strategies on how to avoid roadblocks in reaching product stewardship goals, and an in-depth look at the pros and cons of framework legislation.



### CAFR Recycling Awards Gala

Monday, June 11, 6:00pm

El Pueblo History Museum

Cost: \$50

Join us Monday evening as we recognize leaders in the recycling industry. The Recycling Awards Gala is a night of fun, food, and entertainment just a short walk from the convention center. The museum showcases the city's history and the region's many cultural and ethnic groups. Enjoy an authentic Mexican buffet outside in the re-created 1840s adobe trading post and plaza. Entertainment provided by the *Haunted Windchimes*. Tickets include appetizers, dinner and two drinks.

#### Schedule:

6:00pm Networking, silent auction, and tour

the museum

7:00pm Dining under the stars
7:30pm Recycling Awards Ceremony
8:15pm Live music and dancing

9:00pm Silent auction winners announced

10:00pm Thank you and good night!

Congratulations to the 2012 Award Recipients:

#### **Outstanding Outreach**

Andy O'Riley, Blue Star Recyclers

**Outstanding Business Recycling Program**John Basso, Amadeus Consulting

**Outstanding Government Recycling Program**Boulder County Resource Conservation

#### **Outstanding Elected Official**

State Representative Laura Bradford

#### Volunteer of the Year

Susan Finzel-Aldred, Pueblo City & County Health Department

### Recycler of the Year

Shaun LaBarre, Center for ReSource Conservation

### **Lifetime Achievement**

Chuck Wilson, A-1 Organics

Speakers: Hilary Collins, Boulder County Resource Conservation Division; Annmarie Jensen, Jensen Public Affairs; Anne Peters, Gracestone, Inc.; Bill Sheehan, Product Policy Institute. *Moderator*: Senator Gail Schwartz

### **Luncheon Plenary**

12:30pm - 1:30pm

Grand Hall

### Local and Regional Approaches to Growing Recycling and the Economy

Given the continued challenges faced by businesses and governments, the ability to take advantage of new and unique opportunities is key to success and longevity. This lunchtime plenary allows local and state policy leaders to discuss their perspectives on how to generate industry growth for recycling, waste diversion and the economy.

Speakers: Senator Gail Schwartz and Bill Sheehan, Product Policy Institute

### Break in Exhibit Hall

1:30pm - 2:30pm

Grand Hall

### **Tours**

To register for tours, visit the registration desk.

All tours meet on the sidewalk in front of the Medal of Honor Statues outside the west doors and depart promptly at 2:30pm. Tours are scheduled to return between 5:00 and 5:30pm.

#### **EVRAZ Rocky Mountain Steel Mill**

The Steel Mill recycles the most metal by weight in Colorado, using iron and steel recovered from automobiles, farm equipment, household appliances, steel beams, bridges, railroad tracks, and ships to make a variety of products. Formerly known as Colorado Fuel and Iron (est.1881), these facilities feature some of the most sophisticated equipment in the world.

### **Vestas Wind Towers Plant**

Opened in 2010, the Vestas Towers Pueblo facility is the largest wind tower manufacturing facility in the world. This tour will highlight the company's history, efforts to increase renewable energy use worldwide, and internal sustainability goals. Learn how the scrap metals and welding slag are recycled.

#### **Pueblo Recycling Loop**

Pueblo has recently seen the creation of locally-owned, private recycling operations. Hop on the bus to see how smaller businesses deal with single-stream materials, ewaste, cooking oil, paint, glass crushing, and vermicomposting. This trip will visit 3-4 facilities in one trip.

#### **Bestway Recycling in Colorado Springs**

Bestway Disposal and Recycling is a local family-owned and operated company that most recently invested in the construction of a material recovery facility (MRF). The 50,000-square-foot building houses state-of-the-art

equipment for collection and automated separation of recyclable materials. Tour transportation is provided by Southern Colorado Clean Cities in the first propanepowered school bus in the Pikes Peak region!

#### **Mountain Park Environmental Center**

Venture to the ponderosa pine forest to tour the renovated visitors center, originally built by the WPA in the 1930s. The facility boasts beautiful overnight rooms for retreats and groups, complete with composting toilets and a biomass boiler for heat. MPEC is an award-winning environmental education center focusing on eco-literacy. A short, moderate hike is planned, weather permitting.

### **Council Meetings**

### **Rocky Mountain Organics Council Meeting**

3:00pm - 4:00pm

Room 4/5

Electronics Recycling and Reuse Council Meeting 5:00pm - 6:00pm Room 4/5

### CAFR Recycling Awards Gala

6:00pm - 10:00pm El Pueblo History Museum

See box on page 11 for details. Cost: \$50

### Tuesday, June 12

#### **Fusion Yoga**

7:00am - 7:45am

Room 2/3

### **Welcome and Breakfast**

7:00am - 8:15am

Grand Hall

#### Concurrent Sessions I

#### **Approaching Rural Recycling From All Angles**

8:15am - 9:45am

C-West

Providing recycling in rural landscapes is challenging anywhere in the country. This session highlights what public, private and non-profit organizations are doing to address rural recycling at the city, county and state levels. Topics include: hub-and-spoke; recycling commodities improvements; statewide planning efforts to generate pragmatic solutions to regional collaboration, market opportunities and state funding opportunities to increase waste diversion; and how to strike a balance between economics, society and the environment in rural county collection efforts.

Speakers: Larry Christley, Tennessee Department of Environment and Conservation; Craig McOmie, Wyoming Department of Environmental Quality; Jenifer Winward, Southern Utah Recycling Coalition. *Moderator*: Jen Schenk, High Country Conservation Center

### Legislative Shenanigans -They're Nothing to Sneeze At

8:15am - 9:45am *C-East* 

This session takes a fresh approach to learning the ins and outs of state-level policy development. Attendees will be entertained by CAFR's production of 'Three-Ply,' a cutting-edge play that follows the life of a piece of legislation created to recycle used tissue. 'Snot' just for beginners but policymakers of all levels, this session exemplifies the tools and insights of the legislative process, from the initial development of the bill concept to its successful passage through the General Assembly.

Narrator: Randy Moorman, Colorado Environmental Coalition. Moderator: Laurie Batchelder Adams, LBA Associates, Inc.

### The Role of Reuse & Hard-to-Recycle Items in Reaching Zero Waste

8:15am - 9:45am *Room 4/5* 

The reuse and hard-to-recycle segments of the waste diversion and recycling industry are critical pieces of the equation to achieve zero waste goals. This session highlights how four organizations have achieved success. Topics include: repurposing materials such as advertising billboards and conveyor belts; turning old toilets into needed raw materials for municipalities; methods to reuse clothing and shoes; incorporating reuse into a municipality's master plan; and creating community partnerships to achieve zero waste.

Speakers: Damon Carson, Repurposed Materials; Frank Kinder, Colorado Springs Utilities; Elizabeth Vasatka, City of Boulder; Tom Mott, USAgain. *Moderator*: Stephanie Welsh, RAFT

### Break in Exhibit Hall

9:45am - 10:15am

Grand Hall

### Concurrent Sessions II

### **Construction & Demolition Case Studies**

10:15am - 11:30am *C-West* 

Successfully addressing the construction and demolition (C&D) waste stream is a critical component when diverting materials from landfills. In a good economy C&D debris can be nearly 50% of the total waste managed by Colorado landfills. This session highlights three C&D success stories. Topics include recycling carpet, scrap metal, and ceiling tiles at Sandia National Laboratories in Albuquerque, NM; deconstruction and marketing reclaimed salvaged building materials within the residential marketplace; and how to economically implement a C&D processing facility within an existing solid waste and recycling facility.

Speakers: Shaun LaBarre, Center for ReSource Conservation; Dennis Pino, City of Cheyenne; Ralph Wrons, Sandia National Laboratories. *Moderator*: Susie Gordon, City of Fort Collins

### Statewide Data Reporting Methodology

10:15am - 11:30am *C-East* 

There are many challenges to establishing consistent definitions and standards for gathering and reporting solid waste information so that data is comparable between communities. This session features an overview of the EPA's recently developed measurement methodology and EPA's Sustainable Materials Management (SMM) paradigm, what mandatory reporting exists within Colorado, what other states have done when tackling data reporting, and a dialogue on how Colorado can improve the quality of reported data while also minimizing the impact on regulated parties.

Speaker: Benjamin Bents, EPA Region 8.

Moderator: Wolf Kray, Colorado Department of Public Health and Environment

### Lightning Round: Recycling Resources Economic Opportunity Grant Projects

10:15am - 11:30am Room 4/5

The Recycling Resources Economic Opportunity Act (HB 07-1288) created the RREO Grant Program to fund projects that promote economic development through the productive management of recyclable materials that would otherwise be treated as discards. Since its inception in 2007, the RREO Grant Program has awarded more than \$5.3 million to local governments, non-profit groups, schools and universities, and businesses throughout Colorado to help develop recycling infrastructure. Attend this fast-paced session to hear directly from the project coordinators about the highlights of their recent grant programs. Whether you plan to apply for a future RREO grant or just want to learn about the diversion innovations RREO has supported, this is a must-see session!

Speakers: Cary Bush, Recycle Creede; Kari Gallegos-Doering, Gallegos Sanitation, Inc.; Becky Goyton, Denver Recycles; Janice Hard, Hi-Tec Plastics; Todd Loose, Earth Enterprises; Andy O'Riley, Blue Star Recyclers; Justin Parker, We Recycle Co-Op; Jerry Williams, Denver International Airport. Invited: Steven Abbath, University of Northern Colorado; Ashton Hargrave, Four Corners Recycling Initiative; Lynda James, Park County Vision 2020; George Michael, Town of Haxton; Brad Palmer, Lake County. Moderator: Eric Heyboer, Colorado Department of Public Health and Environment

### **Luncheon Plenary**

### **Networking Lunch**

#### **National Recycling Roundtable**

12:00pm - 12:45pm

Grand Hall

Considering different perspectives and approaches to recycling, waste diversion and economic development is critical to continuing the growth of recycling in Colorado. Industry leaders from around the country share their lessons learned in recycling, waste diversion, economic development and legislative challenges.

Speakers: Larry Christley, Tennessee Department of Environment and Conservation; Aaron Burman, Resource Recycling Systems. *Moderator*: Randy Moorman, Colorado Environmental Coalition

### Break in Exhibit Hall

12:45pm - 1:15pm

Grand Hall

### Concurrent Sessions III

### Addressing Recycling and Waste Diversion in the Sustainability Equation

1:15pm - 2:30pm

C-West

Sustainability is a phrase that is finding its way into many business and municipality programs. Typically, these programs address the more popular topics of renewable energy, green building, and sustainable living, without specifically mentioning waste diversion. This session features leaders from around the state who have made waste diversion practices key components of their sustainability programs, using waste reduction, reuse, and recycling activities to maximize their overall success.

Speakers: Alicia Archibald, Bestway Recycling; Eric Lombardi, Eco-Cycle; Kate Nowak, Yampa Valley Data Partners. *Moderator*: Mary Jo Lockbaum, Metech Recycling

#### The Latest in Innovative Programs

1:15pm - 2:30pm

C-Eas

Stay up to date on the latest innovations and newest industry practices by attending this session, which highlights the latest 'green' innovations from across the nation. Topics include: how the U.S. Forest Service and National Parks use nature's scientific principles and design to address waste diversion and zero waste; building single-use item reduction programs that provide valuable environmental efforts and consumer awareness; an overview of the U.S. Composting Council's recently launched Consumer Compost Use and Seal of Testing Assurance Program to classify uses of compost; and approaches used by the Colorado Governor's Energy

Office to diversify the state's transportation fuels mix with natural gas.

Speakers: Ashley Cantrell, City of Aspen; Alex Schroeder, Governor's Energy Office; Bob Yost, A-1 Organics; Marie Zanowick, EPA Region 8. *Moderator*: Graham Russell, Trupoint Advisors

### Increasing Recycling Through Education, Outreach & Social Marketing

1:15pm - 2:30pm

Room 4/5

Building communication strategies that combine traditional and non-traditional outreach methods leads to successful programs, especially in a world of changing technology. This session focuses on tailoring comprehensive education programs for both face-to-face participants as well as the 'anonymous' public; strategies and tips on what works and what doesn't in the social media realm and how to connect online tools and targeted demographics to increase recycling; and methods to maximize the rapidly changing world of communication created by the onslaught of the SmartPhone and the 'app' for that. Don't miss this session to help launch your program into the technological future.

Speakers: Barbara McConnell, Recycling Calendars.com; Dan Powers, Western Disposal Services; Rose Watson, Larimer County Solid Waste. *Moderator*: Emily Nagle, Green Apple Supply

### Closing Plenary

### **Recycling Markets: What's On The Horizon**

2:45pm - 3:30pm

Grand Hall

Hear from experts in the industry about the latest commodity trends, for materials in the curbside cart and beyond. From supply and demand and exports to material qualities and the latest success stories, this must-see session ends the Summit in style.

Speakers: Debbi Dodson, Carton Council; David Keeling, Steel Recycling Institute; Brad Pollack, Waste Management; Michael Smaha, Owens-Illinois, Inc. *Moderator*: Alek Orloff, Alpine Waste & Recycling





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See your organization's name listed here next year. Membership information is available at registration or online at www.cafr.org.

Join today!

Colorado Association for Recycling's

## Annual Meeting

### October 2012

This annual event is a networking meeting for CAFR members to learn about what others are doing around the state and includes an annual update of the program, services, and state of CAFR. It is also an opportunity for members to be introduced to the CAFR Board of Directors and officers.

### Thank You Summit Planning Committee

Many thanks go to the Summit Planning Committee, who contributed countless hours, resources, and expertise over the past 12 months to plan and implement the 2012 Summit:

Eric Anderson, Kathy Andrews, Alicia Archibald, Darla Arians, Mickey Barry, Kim Bartels, Laurie Batchelder Adams, Dianne Beal, Dianne Bennett, Cary Bush, Jack DeBell, Susan Finzel-Aldred, Jacqueline Francis, Lisa Friend, Shirley Garcia, Becky Goyton, Marjie Griek, Eric Heyboer, Jenny Kedward, Michelle Kincheloe, Joy Morauski, Amy Randell, Tim Towndrow

Special thanks to the Pueblo Host Committee, who worked for more than six months helping to organize the Southern Colorado Recycle Rally, Recycling Awards Gala and Recycled Art Market.

And thank you to our session moderators, speakers, sponsors, and exhibitors. This event would not be possible without their involvement.