



2016 Sustainability Report



Environmental Policy

The Colorado Convention Center and SMG commit to operations which reduce our environmental impact, focus on conserving resources, and utilizing products, technologies, and methods which continually improve in these efforts. Our sustainable initiatives focus in the areas of: Waste Reduction and Diversion; Energy Conservation; Water Quality and Consumption; Air Quality; Procurement; and Community.

Sustainability Certifications

The Colorado Convention Center maintained their certification to the following programs:

- LEED Existing Building: Operations and Maintenance Level GOLD
- ASTM/APEX Sustainable Event Venue – Level Two
- ISO Standard 14001: Environmental Management System
- The CDPHE Colorado Environmental Leadership Program (ELP) - Gold

Maintaining these certifications demonstrates a an on-going commitment to sustainability, continual improvement, and transparency of our sustainability efforts.



Photo by Ellen Jaskol



Resource Management

Energy:

- Numerous energy saving lighting retrofit projects including:
 - ABC dock side from induction lights to LED.
 - “Cloud” lights in the D/C lobby area
 - The “wavy light” over the escalators/stairs.
 - 4’ pole lights that run along 14th street.
 - Four Seasons ballroom to LED
 - Retrofit of bathrooms at exhibit level to LED. Project to be completed in 2017
 - Grand Concourse to LEDs for 550 fixtures.
 - Converted all 400W metal halide wall washer lights on Welton drive to 80W LED.
 - Converted all pole lights on P3 from 250W metal halide to 80W LED.
 - Updating stairwell lighting to LED as they burn out.
- Reallocated all of our 1000W and 400W metal halides and High pressure sodium lamps and ballasts to other SMG properties instead of throwing away or recycling.
- 300kw roof top solar array produced a total of 379 MWh of power consumed onsite.
- Solar changeover to feed Fan Room from the Emergency/Solar power.



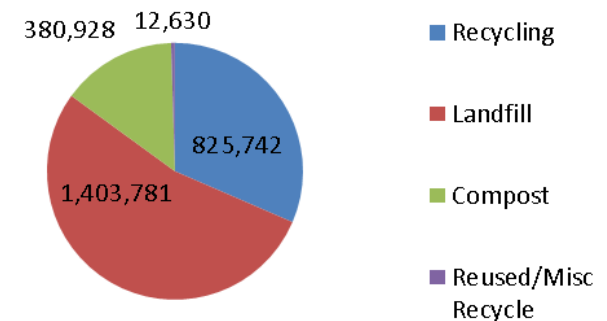
Waste Management:

Our comprehensive waste management program focuses on identifying, reducing, and diverting the various waste streams created by venue operations, attendees, and clients. Components of this plan include a facility Waste Audit, as well as methods to reduce the amount of waste being created, manage inevitable waste, and divert waste from landfill by means of reuse, repurposing, recycling, and composting.

In 2016, these efforts resulted in:

- 609.5 tons of material diverted from the landfill
- 46% Waste Diversion
- 412.8 tons of materials recycled in single stream recycling
- 190.5 tons of material composted
- 12,360 lbs of goods donated to local non-profits

Colorado Convention Center: Year End 2016



Paper Shredding

The CCC recycled over 2,641lbs of shredded paper (a reduction of almost 50%) through Bayaud resulting in the following environmental benefits:

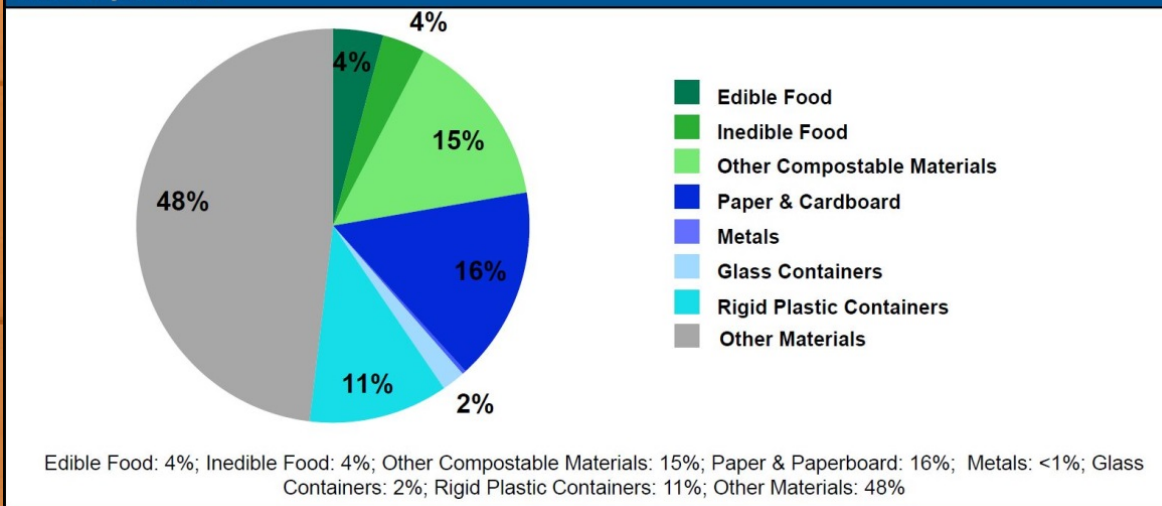
- 22 trees saved
- 9,240 gallons of water saved
- 5,412 kW of energy saved
- 76 lbs of pollutants kept out of the atmosphere
- 7 cubic yards of landfill were saved



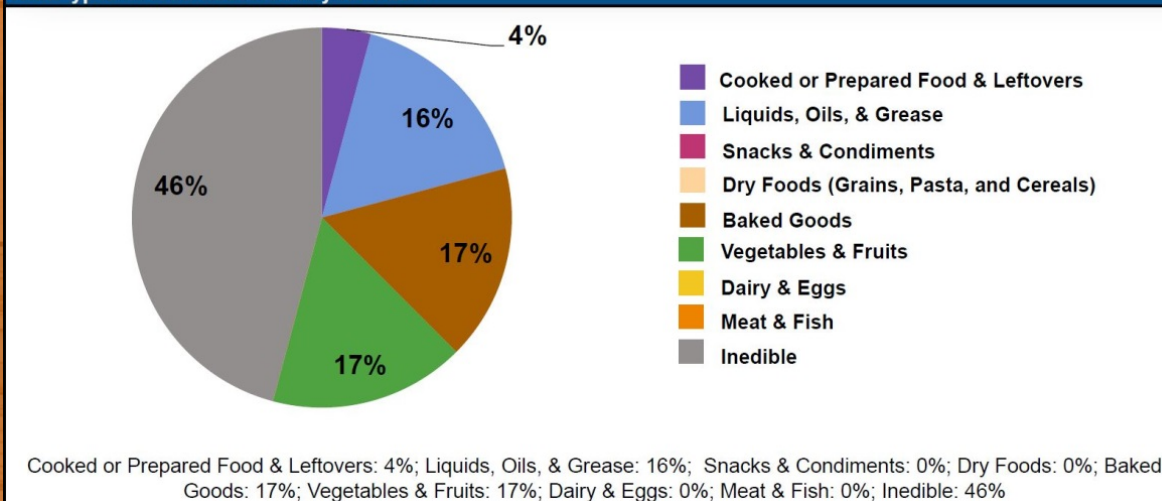
Food Waste Analysis

In November 2016, the CCC participated in a food waste analysis conducted by the National Resources Defense Council (NRDC). The study analyzed 60 lbs of waste material from the trash and compost bins.

What is in your trash?



What types of food waste are in your trash?



Material Donation Highlights

Since 2009, the CCC has partnered with RAFT Colorado (Resource Area for Teachers), to donate left over conference materials to the organization. In 2016, the CCC donated a total of 3,900lbs to RAFT.

Highlighted items donated:

- Foam core sheets (many of these end up going to Denver Parks & Rec. for their annual haunted house/ also Denver East High School after prom used many)
- Convention bags
- Chairs
- TV screens- one of the screens was used at our annual fundraiser to show our presentation and the Broncos Game
- Funnel Cake kits-made many teachers happy to have funnel cakes for their classrooms/used for cooking projects with kids
- Candles
- Notepads/pencils/pens/various classroom supplies
- Water bottles- many went to Boys & Girls club
- T-shirts-go to pre-schools for painting smocks

"The Colorado Convention Center is one of RAFT's most valuable material donors. We help hands-on activities happen for over 250,000 kids across Colorado. That's a lot of kids! The quantity and variety of materials CCC provides is truly remarkable; we are so grateful to have them as a resource for materials that help kids learn to think critically and creatively about meaningful problems."

-Stephanie Welsh, RAFT
Executive Director



Employee E-Waste Recycling Event:

In December 2016, SMG sponsored the first ever employee E-Waste Recycling program. For a week, employees were given the opportunity to bring in old electronics to be recycled responsibly by Metech. Many employees took advantage of this no-cost opportunity, resulting in 1,088 lbs of various electronics being recycled.



Air Quality

- Continued Sponsorship of (2) Denver Bike Share Stations located on property.
- Eco Passes provided to all FT employees, resulting in over 50% of employees take alternative transportation methods when commuting to/from work.
- Over 98% of cleaning supplies used to maintain the venue are Green Seal or equivalent.



Community

The Colorado Convention Center continued its efforts to support the community through both donation programs and volunteer hours. CCC staff volunteered almost 300 hrs to 10 events throughout 2016:

- 9Health Fair
- Platte River Cleanup/Centennial Garden Project
- Habitat For Humanity
- Wish For Wheels Build a Bike
- Special Olympics Colorado/DPS Bowling Tournament
- Project Homeless Connect
- Rock It Forward Charity Concert
- Salvation Army Thanksgiving
- Habitat For Humanity Renovation
- Salvation Army Christmas Dinner



Staff Wellness and Recognitions

- Earth Day Green Week Challenge had 31 employee participants who committed to sustainable actions for the year.
- Awarded (4) Champion for the Environment Awards to convention center employees for their continued leadership in our programs.
- The Wellness Committee offered numerous staff activities including: Painting class, Ski Trip, Furry Scurry, Spartan Race, KIFAC Kickball, Bike to Work, Habitat for Humanity, Muckfest, Horseback Riding, Broncos 7K, CF Xtreme Hike, Race for the Cure, Banjo Billy Bus Tour.



Looking Ahead

The Colorado Convention Center strives to continually improve our sustainability performance. As part of this commitment, we are looking to implement the following actions in 2017:

- Increase total landfill diversion by 10% over 2016 diversion rate to 55%
- Complete 100% of lighting retrofits in bathrooms and elevators for a reduction from 80,000W to ~33,000W.
- Retrofit of Parking Garage lighting to LED.
- Revise our guide for event planners hosting events at the CCC to help implement more sustainable practices.
- Continue to conduct semi-annual recycling and sustainability training for all AV staff.

Want to learn more about our Sustainability Program or have a suggestion? Please contact our Sustainability Manager, Lindsay Arell at: larell@denverconvention.com or 303.681.1768.

