



C O L O R A D O

CONVENTION CENTER

2015 Sustainability Accomplishments



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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

Highlights of the [Sustainability Program](#)



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Sustainability Certifications



The Colorado Convention Center received the CDPHE Environmental Gold Leader Recognition in October 2015. The Colorado Environmental Leadership Program (ELP) is a voluntary program, within the Colorado Department of Public Health and Environment (CDPHE), designed to recognize and reward organizations and businesses that demonstrate superior environmental/sustainability performance and, as a result, consistently operate at a level that goes beyond compliance with environmental regulations and are working towards the goal of sustainability.

To qualify for the Gold Leader award the Colorado Convention Center had to have:

- A fully operational and facility-specific Environmental Management System (EMS) with set future goals to improve environmental performance.
- A commitment to public outreach and environmental performance reporting.
- No serious environmental violations for three years, no criminal environmental violations for five years.
- Shown a clean compliance for a three-year period or longer.

In addition, the staff maintained the certified status to the following sustainability standards:

- LEED Existing Building: Operations and Maintenance GOLD
 - ASTM/APEX Sustainable Event Venue – Level Two
- ISO Standard 14001: Environmental Management System



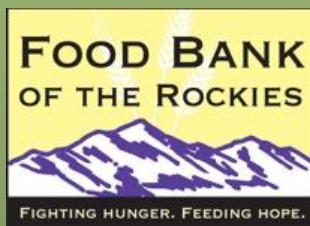
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Community

The Colorado Convention Center continued its efforts to support the community through both donation programs and volunteer hours. Some highlights include:

In 2015 a total of 359 Hours were volunteered by SMG Denver employees at the following events:

- 9 news Health Fair
- Habitat for Humanity
- Platte River Clean Up
- Denver Bike to Work Day
- Pack for Impact (Food Bank of the Rockies)
- Evergreen Hiking
- Special Olympic Bowling
- Salvation Army Dinners, Thanksgiving and Christmas Eve



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Community



In a continued partnership with RAFT Colorado (Resource Area for Teachers), the Colorado Convention Center donates left over conference materials to the organization. In 2015, the CCC donated a total of 4,500 lbs to RAFT.

Summary of 2015 Donations:

- Total Volume donated: 1,000 Cubic Feet
- Total lbs donated: 4,500 lbs of materials
- Items donated: foam core sheets, convention bags, chairs, TV screens, notepads/pencils/pens, t-shirts



Photos: RAFT Colorado



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Staff Wellness and Recognitions



Earth Day Green Week Challenge had 27 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.



A Wellness committee supporting staff activities including: Staff Ski trip, Bike club, Book Club, Museum Days, Film on the Rocks, and Fishing trips.



Staff Wellness

The Wellness committee hosted 35 events in 2015 with participation of over 150 employees



SMG

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Resource Management



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Energy



Our energy conservation programs are designed to optimize efficiencies in our energy consumption by focusing on infrastructure updates, best practices, and preventative maintenance. The program also tracks and record energy consumption to help monitor the impact of our efforts and establish benchmarking goals.

- 300kw roof top solar array produced a total of 335.26 MWh
- Replaced old VFD's on AHU-17,18,and 19
- Replaced an A/C unit with a fan coil unit that runs off the building chill water loop, meaning less maintenance and no refrigerants.
- Installed new VFD's on heating pumps 8,9,and 10
- Conversion of "wavy lights" over the stairs and escalators to 21watt LED lamps. For a total savings of 8,844 watts for both the A/F atrium and C/D atriums.
- Replaced fixtures along Welton Drive with 52watt LED fixtures
- Replace lights over the dock with 125watt Juno LED fixtures.



Waste Management








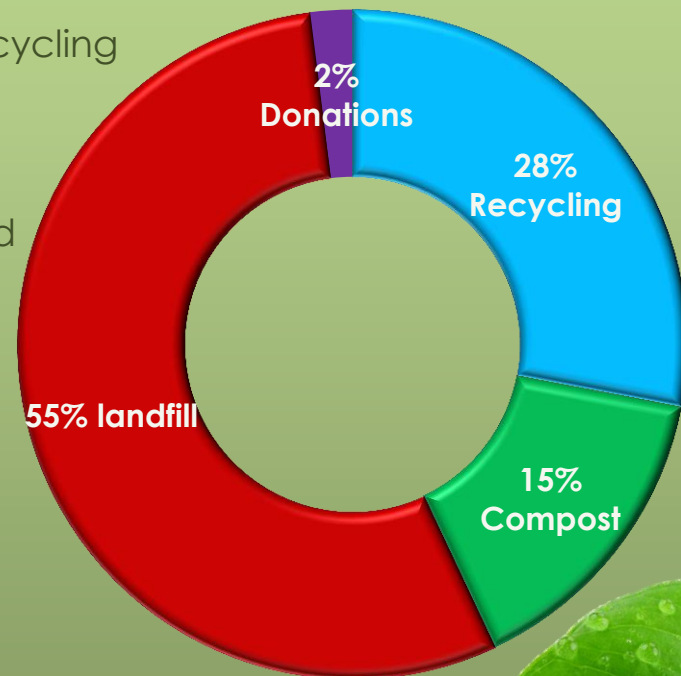
Our comprehensive waste management program plan focuses on identifying, reducing, and diverting the various waste streams created by venue operations, attendees, and clients. Components of this plan include a facility Waste Audit, as well as methods to reduce the amount of waste being created, manage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

These efforts resulted in a 2015:

- Waste Diversion from the landfill of **45%**
- **373.2 tons** of materials recycled in single stream recycling
- **195.6 tons** of material composted
- **67,105 lbs** of goods donated to local non-profits

The CCC recycled over 5,879lbs (2.94tons) of shredded paper through Bayaud resulting in the following environmental benefits:

- Conserved **51,296** gallons of oil 1.8% 
- Saved **5,131** trees .18% 
- Avoided **1,057,602** lbs of carbon 37% 
- Saved **1,691,665** gallons of water 60% 
- **12,054 kW** of energy saved .42% 
- **176 lbs** of pollutants kept out of the atmosphere
- Prevented **94 trucks** from going to the landfill



Additional Waste Reduction and Diversion efforts include:

- Clearly labeled trash and recycle bins were placed on all levels of the parking garage
- Repurposed TV's to eliminate the use of paper signs in the parking garage to display venue information, event information and rates.
- A shared drive allows CCC staff to access documents for information purposes, reducing event document distribution by approx. 50%.
- Event Managers encourage clients to utilize our Digital Display Monitors in order to reduce the need for separate signage outside the room.
- Event Managers utilize their Microsoft Surface in order to access necessary files for tours and servicing events.
- Site visit packets are "tailor designed" for the client. There is a generic packet that is premade; however, the EM only inserts necessary supplemental information when necessary. We also provide a printed copy of the EPG "Resource Page" so they understand that the EPG on our website has all of these resources for their use electronically.



CCC Digital Display Monitors



- The CCC website contains the electronic version of the Event Planner Guide (EPG) greatly reducing the need for a printed version. The EPG now contains more "click and go" resources imbedded within the EPG since the user can simply click on the topic and more detailed resource information is electronically provided.



Water



The Colorado Convention Center's water quality and conservation best practices address water quality and conservation methods including: chemical management, water efficient landscaping and irrigation, and building infrastructure (toilets, urinals, sinks, showers) efficiencies. The program tracks and records water consumption, and establishes benchmarking goals.

Replaced approximately 120 faucets with new Chicago self-charging, touchless faucets that only flow water when hands are under the faucet.



The CCC uses green cleaning supplies and practices to eliminate chemicals entering the waste water system.

Water usage is also monitored weekly for accurate tracking and leak



Air Quality



Our air quality program addresses improving the Air Quality within and surrounding the venue. Areas of focus include ENGINE'S OFF! anti-idling policy and enforcement, smoking policies, alternative transportation, fleet vehicle management, and management of VOC's and hazardous air pollutants.



- Sponsorship of (2) Denver Bike Share Stations located on property.
- Overall reduction of 4,117,826 lbs of CO2 through power generated by solar array since inception
- ECO Passes provided to all FT employees, resulting in over 50% of employees take alternative transportation methods when commuting to/from work.
- Purchased an electric golf cart to help drive elderly or handicap customers to and from their vehicle.



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Future Goals

Some of the goals for 2016 include:



Increase our waste management efforts with the goal of 60% materials diverted from landfill



Continue to support our community through numerous volunteer opportunities



Complete lighting retrofit updates in all bathrooms and elevators



Work with planners to implement sustainability initiatives at their events



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Learn More About Our Commitment

We welcome your feedback and suggestions on our Sustainability Program.

For more information please contact Lindsay Arell, Sustainable Program Manager or visit our [website](#).

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