

COLORADO CONVENTION CENTER

2010 SUSTAINABILITY REPORT

At the **Colorado Convention Center** we are committed to the core values of:

MINDFULNESS, INTEGRITY, TRANSPERANCY, and ACCOUNTABILITY.

Each year we strive to improve upon our current processes and implement new strategies to advance our sustainable program. This report highlights some of our successes and future goals.



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ENERGY CONSERVATION



Energy conservation is a major challenge for many convention centers. Our large buildings are often operating on a near 24 hour basis. While we understand there are some elements of our business that we can't compromise, such as our client's comfort, we look for creative ways to reduce our impact. These seemingly small actions add up for big savings.



Due to the countless variables that affect energy consumption over the course of a year, normalization of this data is not an easy task. As we continually improve our practices, we strive to reduce our per attendee consumption.

In 2010 we reduced the average energy consumption per attendee from 86kwh in 2009 to 77kwh.

HIGHLIGHTS of 2010

- In 2010 our 300kw Roof Top Solar Array generated 401,00 kwh of energy. Combining 2009 and 2010, this system has reduced CO2 emissions by 1,096,606lbs.
This is the equivalent of powering:
 - 6,781 computers for 1 year
 - A TV for 6,126,536 hours
 - 48 homes for 1 year
- Completed a major Lighting Retrofit: Total Annual Energy savings (kWh) 882,160. Annual cost savings \$63,500
 - Replacement of Metal halides in lobby A/F and C/D area from (2) 400 watt metal halides to .
 - 2) 250 watt metal halides—doubling the lamp life from 20,000 hours to 40,000 hours along with a 40% reduction in power.
 - Converted the P-3 Parking Garage pole lights with LED lamp/retrofits from 500 watts consumption to 80 watts and lamp life going 20,000 hours to 50,000 hours.
 - On the interior and exterior uplighting we installed LED lamp/retrofits for a dramatic reduction from the original (2) 400 watt metal halides in each light.
 - Converted the lobby "floating clouds" from 100 watt metal halides to a 24 watt LED.



WASTE REDUCTION and Diversion

While we recognize Waste is an inevitable aspect of our business, at the CCC we do our best to reduce our impact by working with our clients and staff to reduce, reuse, and recycle.

Some of our recent efforts include:

- 3 Waste Stream System of Compost, Recycle, Landfill.
- Diversion Rate of 48%.
- Donated over 5,300lbs of materials to various local non-profits.
- Composted 354,300lbs of material
- Recycled 537,600lbs of material
- New Signage for Recycling, Compost and Landfill bins throughout the building.
- Conversion to compostable service-ware for Centerplate operations.

Quick WOW:

Recycled 5,923 lbs of shredded paper alone!

This equated to savings of:

- 50 Trees
- 1125 Gallons of Oil
- 20,730 Gallons of Water
- 14,215 kwh of energy
- 296 cubic yards of landfill space



AIR QUALITY

Colorado is known for our blue skies and fresh air. At the Colorado Convention Center, we do our part to protect the health of the air we breath. Some of our 2010 efforts include:

- Sponsoring TWO B-Cycle Bike Share Stations on site.
- Adding additional Bike Racks around the venue.
- Continuing to offer FREE Eco-passes for employees.
- FREE Hybrid parking spots in our parking garage.



WATER CONSUMPTION and QUALITY

Water quality and consumption is a major area of focus for sustainability, especially in an arid environment like Colorado. Therefore, we work to reduce our water consumption and protect our water quality.

In addition to our existing water reduction programs, in 2010 water fill stations were permanently installed in our Grand Concourse to accommodate the growing number of clients providing water bottles for attendees.



COMMUNITY PROJECTS

- As part of the Colorado Convention Center and SMG's commitment to our community, we adopted 8 acres of land along the Platte River in Downtown Denver. Multiple times a year, convention center staff volunteer their time to get outside and clean up the area for others to enjoy.
- As part of our Reclaim Room Efforts, the CCC donated leftover conference materials to numerous non-profits, including: RAFT, Mission Ware, Resource, and Bolder Path.
- In one month alone, Centerplate donated over 7,100 meals to local shelters throughout Denver.



CERTIFICATIONS

In May 2010 the Colorado Convention Center announced its certification in Leadership in Energy and Environmental Design for Existing Buildings (LEED-EB), awarded by the U.S. Green Building Council (USGBC). The achievement makes the Colorado Convention Center the largest LEED certified building in the state and one of the three largest convention facilities to earn this designation in the U.S.



WANT TO LEARN MORE ABOUT THE COLORADO CONVENTION CENTER'S SUSTAINABILITY PROGRAM? CONTACT OUR SUSTAINABILITY MANAGER. LINDSAY ARELL larell@denverconvention.com or (303) 228-8123