



# Green Initiatives Fact Sheet

The newly expanded Phoenix Convention Center is on pace to host over 1,000,000 delegates each year. Research results indicate (USEPA, 2000) that an average conference delegate produces a significant amount waste over a three day conference:

- Produces 61 lbs of solid waste
- Produces 1419 lbs of greenhouse gas emissions
- Uses 846 gallons of water

The Phoenix Convention Center takes environmental issues very seriously. The Phoenix Convention Center understands the vital responsibility of lessening the environmental impact for all events, through building design, resource management, and education.

## Comprehensive Recycling Program

The convention and conference centers practice comprehensive recycling with receptacles throughout the public and office areas. From 2007-2009, the Phoenix Convention Center recycled about 1000 tons of materials!

Co-mingle Recycle Program- all aluminum, glass, water, sod, metal and plastic are gathered together, separated, and processed for recycling.

Distinct recycling bins throughout all of the facilities.

Donate leftover food to WasteNot Food Bank.

PCC's Solar Power Plant will reduce the convention center's carbon dioxide emissions by 95 metric tons per year and generate enough electricity required to power about 12 to 14 average Phoenix homes each year

The west and north buildings were architecturally designed to create more shade on and around the building and provide natural lighting in the lobby and pre-function areas.

Support a Water Harvesting Garden with run off water from air conditioning condensation.

Purchased 31,000 ultra-comfortable KI Daylight chairs that are made of recycled car batteries and seat belts.

Use biodegradable, compostable products including cups, plates, flatware and paperware.

95% of cleaning supplies are environmentally safe and biodegradable.

Paper products (housekeeping) – 40% post consumer recycled toilet paper and paper towel throughout the building.

Low-flow lavatories, water faucet sensors and auto flushers were installed through out the facility to reduce water usage.

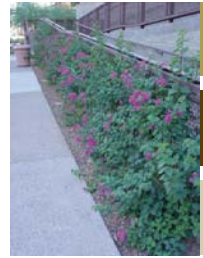
## Transportation

METRO Light Rail Serves the Greater Phoenix Area

Hybrid Cabs

Downtown buses operate exclusively with low emission CNG (low emissions natural gas).

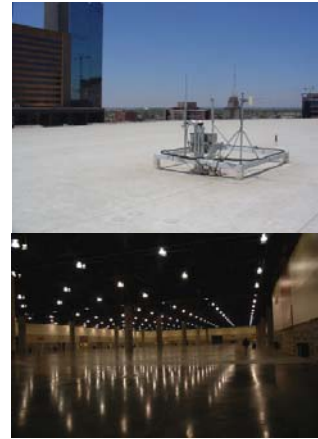




## Daily Operations

Our convention facilities were designed to reduce natural resources usage and to operate at the highest green potential. To achieve these high goals, we:

- Monitor computer readings of thermostats, light sensors, air in-takes and controllable systems.
- Monitor Carbon Dioxide (CO<sub>2</sub>), Carbon Monoxide (CO) and Nitrous oxide (NO<sub>2</sub>) levels inside and out.
- Use low- or no-volatile organic compounds (VOC) in paints, carpeting, adhesives and sealants.
- Use of environmental friendly office supplies. i.e.: wooden pens with refillable soy ink, chairs, folders.
- PCC's Finance Division coordinates the city's bid incentive and reserve contract programs for certified Small Business Enterprises (SBE).
- Use Integrated Pest Management to control pest without using dangerous pesticides.
- Run lights at 10% in exhibition halls when not being used.
- Run escalators in the building based on occupancy and event needs.
- Use vendors and suppliers who use eco-friendly practices.



## Leadership

The PCC supports a Sustainability Committee and an Energy Task Force, this diverse employee team's mission is to proactively develop, implement and encourage sustainable practices for events and business conducted in our building that protect the environment and conserve our natural resources for future generations.

## Administration Green Practices

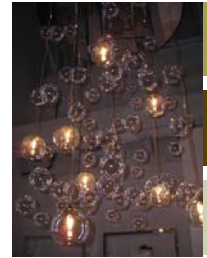
- At the Phoenix Convention Center, not only do events operate green; but so does our office. The PCC:
- Established a Sustainable Committee and an Energy Task Force with diverse representatives from each division that meet bi-weekly.
- Pre-set thermostats, light sensors, and controllable systems during normal business hours.
- Aggressively recycle all office products and materials including batteries and light bulbs.
- Purchase recyclable products and goods in bulk.
- Use environmentally efficient printers and copiers to conserve power and recycle toner cartridges.



## Merging With Our Clients

A diverse Phoenix Convention Center Green Team manages and advances the facility's sustainability efforts. This employee committee works to educate staff, clients, exhibitors, vendors, partners, and the public on the importance of working toward a more sustainable future. Tell us how we can collaborate with you to meet your events needs or concerns.





## Awards

- Phoenix - 2009 All America City Award
- The Phoenix Convention Center's West Building is Silver LEED Certified
- West Building received the 2007 Valley Forward, Environmental Excellence Awards.
- The Official Best Of Arizona 2009 Honored the Phoenix Convention Center as Best Meeting and Event Venue
- IACC Sustainability Certified Conference Center

### The Phoenix Convention Center Values Sustainable Partnerships

#### Phoenix Convention Center Exclusive Food and Beverage Provider Green Facts

Through innovative resource management, Aventura continues to implement sustainable environmental policies and processes that not only provide our clients efficient service solutions, but leave a positive and lasting impact on the larger environmental footprint within a community.

Aventura is focused on solutions that address:

- Building a system design - Green Design and construction, energy management, maintenance procedures
- Resource Management – Water and energy conservation, recycling and waste reduction
- Procurement and Transportation – Environmentally friendly products and services
- Sustainable Agriculture – Organics, locally sourced, fair trade, shade grown

#### Other Sustainable Initiatives Include:

Condiments served in bulk

Left over food donated to "Waste Not" food bank

5% of meal guarantee available in vegetarian/vegan option

China service as first preference for meal service

Proud participant in the Monterey Bay Aquarium's Sustainable Seafood Initiative

All coffee is Starbucks's Fair Trade coffee

Formed partnership with a local farm to provide guests naturally grown produce for convention center functions

Free range protein available upon request

All kitchen appliances are Energy Star rated

Participates in city of Phoenix co-mingled recycling program

5-gallon water dispensers for groups are placed throughout the facility

Bulk Beverages; Soda, Iced Tea, Coffee and Water are available for most events

New dishwashers installed 2007 reducing water consumption by more than 66%



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# Hyatt Regency Phoenix Eco-Meetings and Events

The Hyatt Regency Phoenix recognizes the importance of providing eco-friendly meetings and events. We strive to minimize waste and maximize conservation. By eliminating, reducing and recycling waste, the Hyatt Regency Phoenix effectively contributes towards a sustainable and “green” future. We encourage all guests and associates to participate and take responsibility in the following environmental initiatives:

## **Waste Reduction and Energy Efficiency**

- ✓ Turn off lights, shut blinds and turn down heat/AC in vacant guestrooms and meeting rooms
- ✓ Set temperature control in meeting rooms at 73 degrees for setup/teardown
- ✓ Utilize aerators in sinks that flow .5 gallon/minute, shower heads that flow 2.5 gallons/minute and toilets that flush 1.6 gallons/flush
- ✓ Set hot water at 120 degrees and use high-efficiency fluorescents in guestrooms
- ✓ Recycle florescent lights, batteries, refrigerants, cleaning fluids and scrap metal
- ✓ Utilize Siemens Apogee building automation system to reduce hotel carbon footprint
- ✓ Recycle paper by offering blue recycle bins for guestroom and meeting room use
- ✓ Change towels and linens every 3 days unless guest requests otherwise
- ✓ Replace unused amenities only when empty, under half used or requested by guests
- ✓ Donate used uniforms, sheets, towels and linen
- ✓ Use eco-friendly cleaning products

## **“Green” Cuisine and Service**

- ✓ Source food from local growers and markets & organic and hydroponic farmers, keeping transportation and delivery within 50 miles when possible
- ✓ Purchase only sustainable farm-raised fish when wild fish is not available
- ✓ Use China instead of plastic disposables
- ✓ Set water stations for large groups eliminating individual bottled water service
- ✓ Promote the use of digital formats containing meeting content to eliminate handouts
- ✓ Print collateral materials on double-sided paper
- ✓ Collect name badge holders for future reuse
- ✓ Reuse boxes and packing materials

## **Front Office and Concierge Contributions**

- ✓ Provide electronic paperless check-in and check-out
- ✓ Promote the local public transit systems, shuttle services and eco-friendly tours

## **Associate Commitments**

- ✓ Associate formation of the Green Team enforces, implements and supports environmental policies and initiatives throughout hotel
- ✓ No Styrofoam cups are used in Employee Cafeteria
- ✓ Employees are strongly encouraged to carpool, bike, walk and ride the bus (rewards are given through Ride-Share incentive program)
- ✓ Energy Savings Board at employee entrance is updated daily and keeps us on track as it is everyone’s responsibility (monthly drawing pays for an Associate’s gas and electric bills if we beat our goals)

Implemented practices current as of July 2009

## J&S Greening

J&S Audio Visual continues to work with its employees and customers to create a more consistently green environment by identifying new greening opportunities.

Our Installation and Design Division in the J&S Houston has announced they are the first audio visual company in the State of Texas to become a member of the U.S. Green Building Council. The audio visual industry as a whole is making tremendous strides in becoming more conscientious of our environment. In an effort to continue its leadership role within our industry, J&S recently joined USGBA, the leaders in "green" building and education.

James Ledbetter, J&S Audio Visual Principal Designer, explains:

"For years J&S has installed systems which, through appropriate use of control systems, have allowed clients to control and monitor the energy consumption of their audio visual and lighting systems. As a natural next step, J&S Audio Visual has taken a leadership position as the first Texas audio visual company with membership in the U.S. Green Building Council. This membership raises our profile among clients and architects looking for partners committed to environmentally responsible systems, and provides J&S access to better information with respect to broader, more effective steps that can be taken to make positive environmental impacts through our product choices and implementation practices."

In addition, our J&S offices participate in the following greening practices to create a more environmentally friendly company.

- Recycling program for paper, aluminum and plastic, cardboard and batteries.
- Replacing light bulbs with energy efficient fixtures.
- Purchasing 'green' cleaning products for our offices.
- Enforcing a 'no idling' policy for all delivery vans to minimize use of fuel.
- Combining trips by focusing on delivery windows instead of set times for delivery and set up of equipment.
- Purchasing recycled paper products when available.
- Turning off all power when the offices are closed.
- Unplugging unused appliances.
- Employees are encouraged to print documents only when necessary and have placed a reminder at the bottom of their e-mails to encourage others to print only when necessary.
- Replaced paper plates and plastic utensils with reusable products.
- Cancelled duplicate magazine subscriptions while the office shares just one copy.
- Recycling all computers, electronics, toner & ink.
- Donating older model audio visual equipment to local charities.
- Replacing paper towels with cloth hand towels in the restrooms.

# George Fern Company

Expositions • Corporate Events • Exhibits

Nationwide

## Green Initiative

### George Fern Company Green Initiatives

#### THE GEORGE FERN COMPANY IMPLEMENT'S THE FOLLOWING PROCEDURES AND PRACTICES ON-SITE:

- **Minimize energy use** - Reducing the lights, power and HVAC during move in and move out times in the exhibit hall.
- **Exhibitor Kits/Service** - Kits will be available electronically via the website. If clients still require paper kits, any binders that are mailed to exhibitors will be made from 35% post consumer recovered fiber and recycled paper. The contents of the binder are printed on post consumer recycled paper.
- **Tabletop Coverings** - Use of pre-cut, to length, table top vinyl, wooden tables, bio-degradable trash can liners.
- **Booth ID's** – Should be made from renewable forest by products with water-based ink.
- **Aisle Signs / Show Signage / Double-sided signs, graphics and logos** – Use products made of environmentally responsible components with water based inks...
- **Registration Counter** – Use lighting that is Energy Star Saver approved with T-8 ballast and bulbs – using 30% less energy. Counters are to be re-usable.
- **Magazine Bins** - Use re-usable bins. Logos are printed with water based inks. The shelves are made of renewable resources or certified forest products may not contain tropical hardwoods or endangered wood species.
- **Computer Kiosks** - Use re-usable kiosks with logo and graphics printed with water based inks.
- **Booth and Aisle Carpet** – We will use approved carpet products as provided by our Official Carpeting Supplier, Master Touch of Georgia. Carpet is made from and fully recyclable fiber and backing.
- **Equipment** - Use natural gas Fork Lifts and hand carts to move exhibitor freight in and out of the show to assist in the air quality.
- **Transportation** - Reduce the environmental impact resulting from transportation while supporting regional economy. Minimize transportation to from show site. Use bio-diesel fueled or alternative fuel trucks when feasible.
- **Staff Training** - Staff will be trained to assist facility with properly disposing of recyclable materials and other waste. Personnel will be informed about the environmentally responsible practices to be implemented during this show.

# George Fern Company

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## Green Initiative

### THE GEORGE FERN COMPANY IMPLEMENT'S THE FOLLOWING PROCEDURES AND PRACTICES ON OUR WAREHOUSE:

- **Foam** – We recycle the scrap foam by returning it to vendor who reprocesses it for our use.
- **Aluminum** – George Fern Company recycles all scrap aluminum. Our SST department utilizes the bulk of our aluminum and through the process of customizing our structures we end up with a lot of scrap which is all recycled.
- **Foamcore** – Inherently a "non-recyclable" resource, we use the scrap foamcore for packing trailers, slip-sheeting our metal and protecting props.
- **Sintra** – We reuse most sintra from show-site, many pieces of sintra that are not reusable we print and laminate graphics on-top of.
- **Cardboard and Bulk Paper** – We recycle cardboard and bulk paper.
- **Standard Carpet** – After the life of the carpet is extinguished we are looking to give this to a company who grinds it into material used for asphalt. This has not been implemented.

**None of the items listed under the Green Initiative would cost the Association or Exhibitors anything additional.**