

Green Businesses and Events:

“You get what you give”

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GBENN 2016 Summit

October 19, 2016







Energy independence ...
it's up to us.



HAWAII STATE
Energy Office

Green Interns



KUPU
LEARN • SERVE • RESTORE

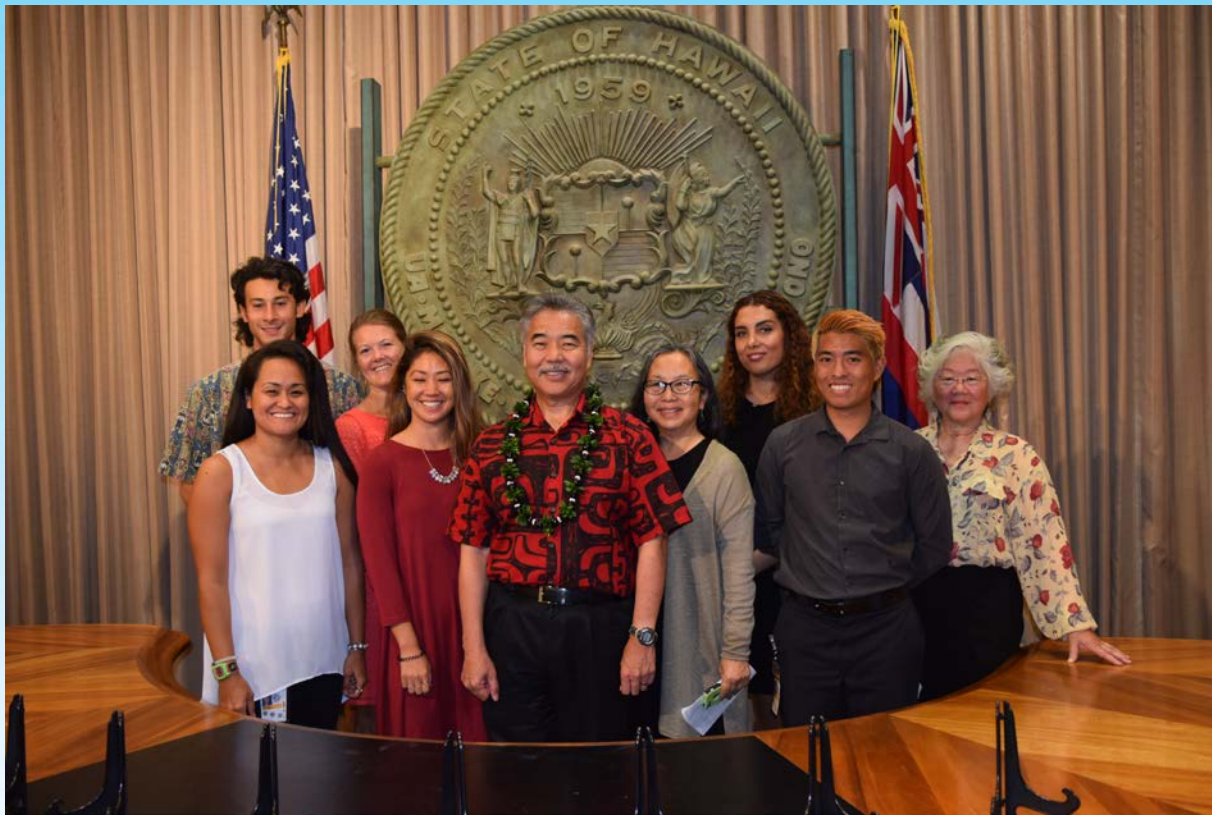


R.I.S.E.
Rewarding Internships for Sustainable Employment



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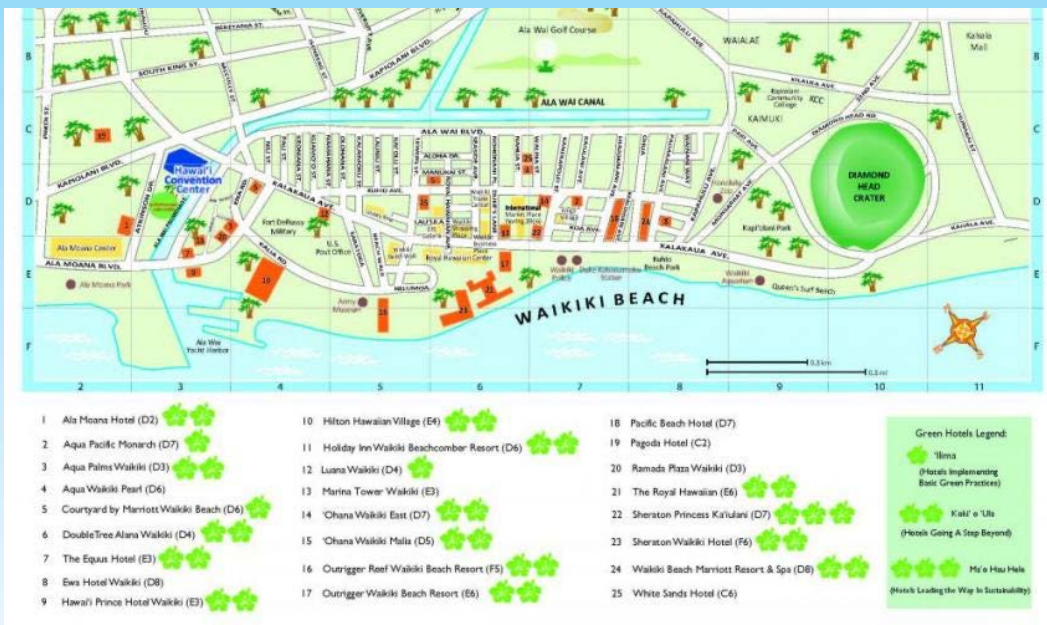


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Energy Office**



Hotels in IUCN's 2016 WCC Room Block



Hawaii Green Business Program

Green Hotel Initiatives Recognition Levels

Level 1 'Ilima 🌸

Top 10 Green Actions

Level 2 Koki'I o 'ula 🌸 🌸

- Option 1: HGBP Checklist - Kulia i ka nu'u + ENERGY STAR benchmarked
- Option 2: HGBP Checklist - Kaulike Levels
- Option 3: Trip Advisor Green Leader + ENERGY STAR benchmarked
- Option 4: Green Key + ENERGY STAR benchmarked



Level 3 Ma'o Hau Hele 🌸 🌸

- Option 1: HGBP Checklist - Kela Level + ENERGY STAR labeled
- Option 2: HGBP Checklist - Po'okela Level
- Option 3: HGBP Checklist - Kela Level + LEED certified
- Option 4: HGBP Checklist - Kela Level + NZE building or beyond





IUCN
World
Conservation
Congress
Hawaii 2016

TEN ENTRY LEVEL GREEN ACTIONS – FOR HOTELS

ENERGY CONSERVATION

1. Lighting:
 - a. At least 75% of all lamps in building are energy efficient LEDs, CFLs, T-8 or T-5 s with electronic ballasts (not T-12) fluorescents or equivalent energy efficient lighting
2. Policy and practice of turning off lighting and HVAC in unoccupied space and/or install lighting and HVAC controls in areas such as:
 - a. Occupancy Sensors and/or Room Key cards
 - b. Bypass/delay timers
 - c. Photocells for exterior lighting and/or areas with significant natural daylight
 - d. Timers/sensors for lights on circuit breakers that generally operate only at night
3. Equipment and Appliances:
 - a. Purchase ENERGY STAR equipment and products: Include language in your procurement policy to require ENERGY STAR products when buying new equipment
4. Benchmark using ENERGY STAR Portfolio Manager



WATER CONSERVATION

5. Water efficient fixtures and equipment – such as aerators and pre-rinse spray nozzles
 - a. At least 75% of bathroom and kitchen fixtures are High Efficiency and/or WaterSense
6. Offer linen & towel reuse option for guests
 - a. Signage must be visible in bathroom and by bed



SOLID WASTE REDUCTION & RECYCLING

7. Water stations: Provide guests with reusable water bottles (through purchase or giveaways with marketing on them) and set up water filling stations
8. Purchase paper products (tissues, toilet paper & office paper) with 50% or higher recycled content
9. Recycle paper, cardboard, metal, glass, plastic throughout the property and provide recycling containers in guest rooms and public areas



POLLUTION PREVENTION

10. At least 50% of janitorial products are certified as environmentally preferable (Safer Choice, Eco-Logo, Green Seal)



ENTRY LEVEL GREEN ACTIONS

Certain hotels may qualify for Level 1-'Ilima by meeting 10 basic green actions. These actions will be awarded in the following sustainability categories. Contact us for more details!

- **ENERGY CONSERVATION**
- **WATER CONSERVATION**
- **SOLID WASTE REDUCTION & RECYCLING**
- **POLLUTION PREVENTION**



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Hawaii Green Events



Hawai'i Green Events Checklist

Checklist

Data
Verification

Green Event
Recognition!



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BIOLOGICAL ECONOMY & DEVELOPMENT



 HONOLULU BOARD
OF WATER SUPPLY

1. Energy & Water Efficiency	Yes	No
1. Use naturally light/natural ventilation meeting space or space that uses CFL or LED lighting		
2. There is signage to encourage staff and guests to turn off lights and electrical equipment when not in use and/or signage for water conservation in restrooms		
3. Event is hosted in an Energy Star, LEED, or other certified building		
4. Review past event energy usage and waste generation to establish baseline. Develop ways to improve upon the baseline and track your results of the current event		
5. Plan your event properly (looking at numbers, duration, size of venue and number of guests required) then select the right venue to fit as you use minimum energy and resources		
6. Work with the venue to ensure lights and air conditioning are switched off when not in use		
7. Venue site has occupancy sensors installed		
8. A renewable energy source is used to power part of event (e.g. solar panels on building)		
9. Venue site has green roof/green wall/drought tolerant plants		
10. Facility has low flow fixtures (faucets, toilets, etc.)		
11. Equipment used is Energy Star, EPEAT, Vitaflex, etc. certified		

12. Catering	Yes	No
1. Water is provided upon request or in stations and/or large dispensers		
2. Donate excess food waste for animal feed or composting		
3. Donate excess food to a charitable organization		
4. Vegetarian and vegan options are provided		
5. Attendance is tracked and type (e.g. vegetarian) and amount of food is tailored according to food numbers		
6. Information is provided on the sustainable qualities of the food		
7. Serve buffet style meals instead of boxed lunches		
8. Serve finger foods that are not individually wrapped and do not require utensils		
9. The caterer has a Green Policy (see resource page for example)		
10. Select fish from certified sustainable fishing methods (see resource page for more info)		
11. Food is purchased from local and/or organic vendors _____%		
12. Have your food & beverage service provider use bulk dispensers for sugar, salt, pepper, cream and other condiments		
13. Reuse food and beverage packaging is recyclable and that it will be recycled		
14. Reuse of surplus food from own supply or from organizations like Aloha Harvest or Food Bank		
15. Use organic food from own garden or farm		

Please provide product names here or give examples of other noteworthy accomplishments:

e.g. - What charitable organization did you donate excess food to?



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August 5, 2016

Hawaii Green Business Program Award Ceremony

Hilton Waikiki Beach Hotel



The Royal Hawaiian



Waikiki Beach Marriot



Hyatt Regency
Waikiki Beach



Moana Surfrider



Sheraton Waikiki



Sheraton Princess Kaiulani



HGBP Hotel Awardee

Highlight: The Hyatt Regency Waikiki Beach Resort

The Hyatt Regency Waikīkī Beach Resort & Spa is a five time Hawai'i Green Business Program Awardee for their outstanding efforts to reduce, reuse and recycle, and restore:

- Replaced a waterfall basin with an aquaponics garden to grow vegetables while also saving \$50,000/year on the electricity it took to power the waterfall.
- Added low flow water fixtures to all sinks and showers.
- Installed water bottle filling stations to help reduce plastic waste.
- Started their own bee colonies to help counteract the loss of bees nationwide, and they use the honey in the hotel's restaurants.

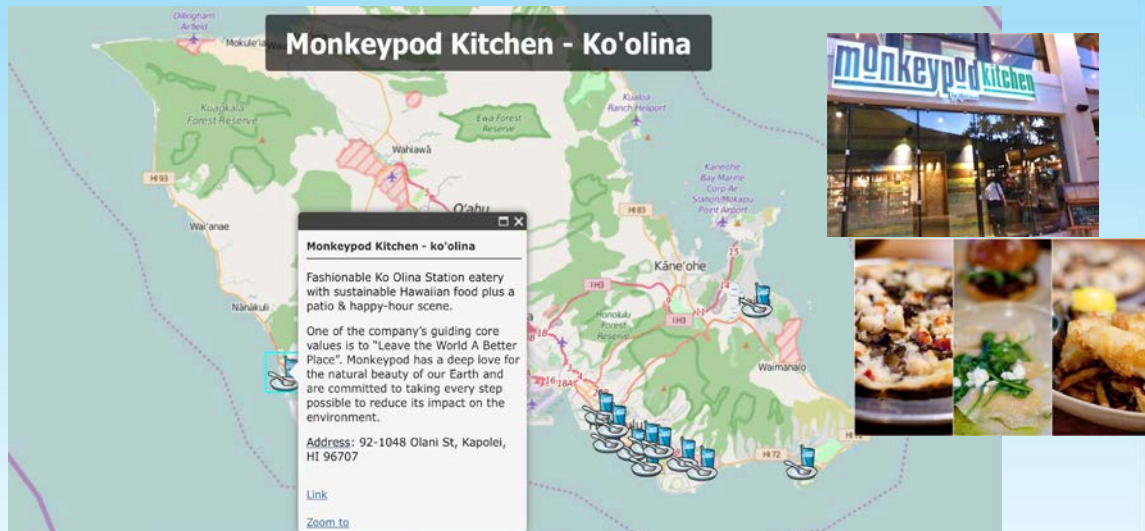


HGBP Restaurant / Food Service Awardees

- Artizen Restaurant by MW
- Bills Sydney
- Blue Hawaii LifeStyle
- Downtown & Town Restaurants
- Gyotaku Japanese Restaurant
- Hard Rock Cafe Honolulu
- Il Gelato Hawaii
- Kona Brewing Company's Kona Pub & Brewery)
- Kona Brewing Company Koko Marina Pub
- Lanikai Juice – Kailua
- Lanikai Juice – Kaka'ako
- Monkeypod Kitchen
- the nook neighborhood bistro
- Whole Foods Market- Kahala
- Whole Foods Market- Maui



HGBP Restaurant / Food Service Awardees Highlights



Monkeypod Kitchen - Ko'olina

Monkeypod Kitchen - ko'olina

Fashionable Ko Olina Station eatery with sustainable Hawaiian food plus a patio & happy-hour scene.

One of the company's guiding core values is to "Leave the World A Better Place". Monkeypod has a deep love for the natural beauty of our Earth and are committed to taking every step possible to reduce its impact on the environment.

Address: 92-1048 Olani St, Kapolei, HI 96707

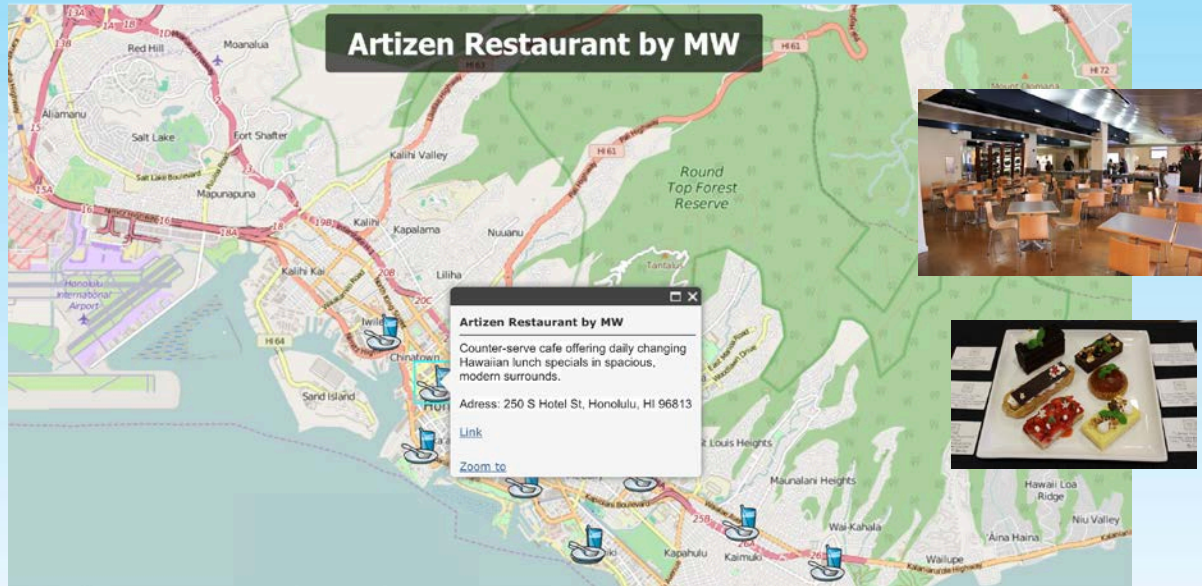
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Highlights



Highlights



Highlights

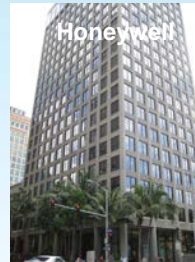


HGBP Retail/Office Awardees

- Belt Collins
- Bishop Square
- Boca Hawaii
- Central Pacific Plaza
- Core Group One
- East West Center
- Ferraro Choi
- Hau'oli Mau Loa
- Hawaii Pacific University
- Honeywell Smart Grid Solutions
- Kupu



- KYA Design Group & Sustainability Studio
- Pacific Instruments
- Patagonia, Honolulu
- PBR Hawaii & Associates
- Philip White Architects
- Sustainable Island Products
- Swinerton
- The Limtiaco Consulting Group
- Topa Financial Center
- Valley Isle Excursions
- WATG Architects



HGBP Event Awardees

- Build & Buy Green Conference
- Chaos of SustAINability by HISCI
- Concert on the Lawn by East-West Center
- Hawaii Tourism Conference by Hawaii Tourism Authority
- Hawaii Clean Energy Initiative E-Drive Charrette by DBEDT and Blue Planet
- Plastic Fantastic? by Honolulu Museum of Art
- Green Apple Day of Service event at Kaahumanu Elementary School
- Green Apple Day of Service Pearl City High School Bokashi Garden Workday
- Green Classroom Professional Certificate Toolkit & Workshop
- Green Hotel Forum by Outrigger Reef Waikiki Beach Resort

**Honolulu Museum of Art:
Plastic Fantastic**



**Green Hotel Forum by
Outrigger Reef Waikiki Beach**



HGBP Event Awardees

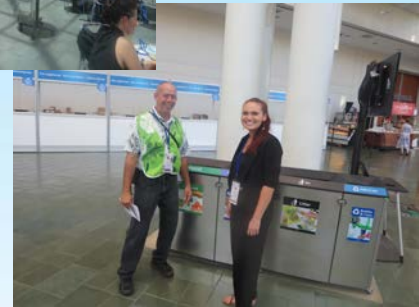
- IUCN 2016 World Conservation Congress
- Lemongrass Café Geisha Event
- Pop-Up Pupus by Hawaii Theatre and Sweetbreads
- Presidential Lecture Series on Global Leadership and Sustainability by Hawaii Pacific University
- Sony Open in Hawaii
- Sustainability Unconference by Important Media
- Sweetbreads
- TEDxHonolulu
- travel2change
- UH Sustainability in Higher Education Summit
- KYA Design Group & Sustainability Studio
- Verge Hawaii 2016



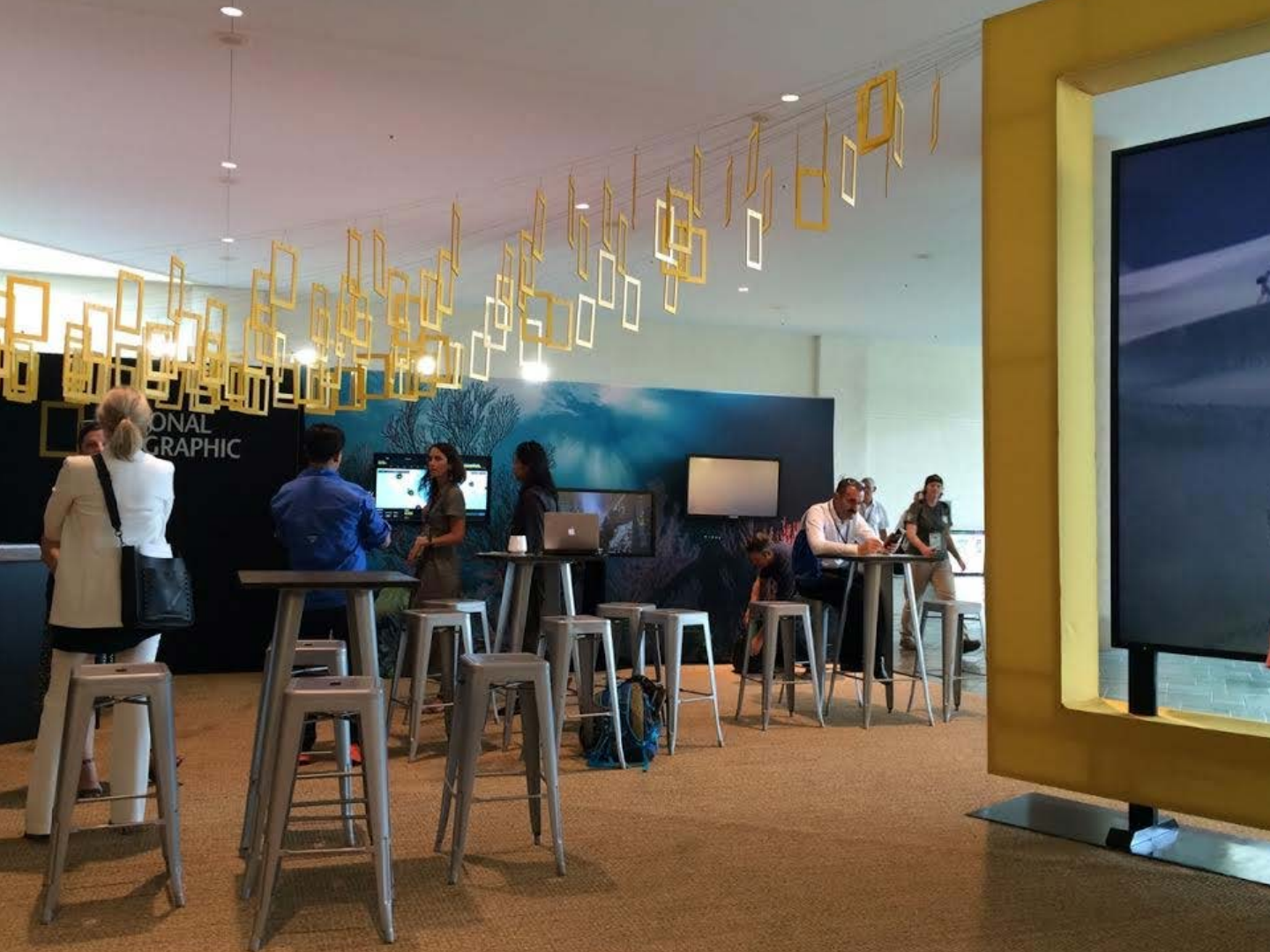
Highlights

IUCN World Conservation Congress

- Used naturally lit and ventilated meeting space that also used LED lighting
- Hosted in an Energy Star, HGBP, or LEED certified building
- Has green roof/green wall/drought tolerant plants
- Used organic food from local farms
- Donated excess food waste for animal feed or was composted
- Provided public transportation timetables, maps, and routes were made available to the participants
- Non-toxic cleaning supplies were used







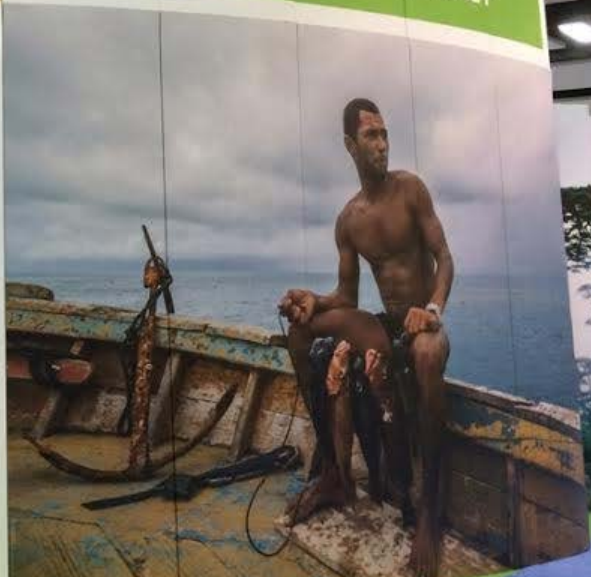
Pilot Project: Venue Checklist

Hawaii Convention Center



PROTECTED PLANET

DELIVERING
THE PROMISE OF SYDNEY





My Green IUCN Congress Guidebook

Green Hotels at IUCN Congress and Beyond

Single-use Plastic-free and Zero-Waste Goal

Local Food

Composting Food Waste

Carbon Neutral and ISO 20121



Hawaii Green Business Program Process

1. Contact Us.

The first step is to contact us.

2. Complete the Checklist.

Applicants must implement measures within this checklist which apply to their business.

3. Site Visit and Verification.



Hawaii Green Business Program Process

4. Recognition.

After the first three steps are complete, applicants will be eligible for recognition. Annual Ceremony in the Governor's Office.

5. Maintaining Recognition.

Improving the efficiency of your facility, helping improve the environment, employee morale, and conserving our resources.





Resources

- Visit these websites for more info:
<http://energy.hawaii.gov/green-business-program>
- Energy Star Conservation: energystar.gov
- Water Conservation:
<http://www.epa.gov/WaterSense>
- Pollution Prevention: <http://www.greenseal.org/>
- My Green IUCN Guidebook:
<http://www.iucnworldconservationcongress.org/my-green-iucn-congress-guidebook>



Top Ten Green Actions

Energy Conservation

1. Replace interior incandescent lamps with CFLs or LEDs
2. Purchase ENERGY STAR equipment and products
3. Benchmark using ENERGY STAR Portfolio Manager



Water Conservation

4. Install 'High Efficiency' aerators and fixtures
5. Offer linen & towel reuse option for guests
6. Use energy & water efficient washers



Solid Waste Reduction & Recycling

7. Purchase 30% to 100% RC tissues & toilet paper
8. Recycle paper, cardboard, metal, glass, plastic
9. Provide recycling containers in guest rooms and public spaces



Pollution Prevention

10. Use 30% green cleaning products







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