



Environmental Quality Advisory Board  
Office of Environmental Initiatives  
City of Scottsdale  
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May 24, 2016

Paul Diefenderfer  
Desert Rat Forge  
P.O. Box 7766  
Cave Creek, Arizona 85327

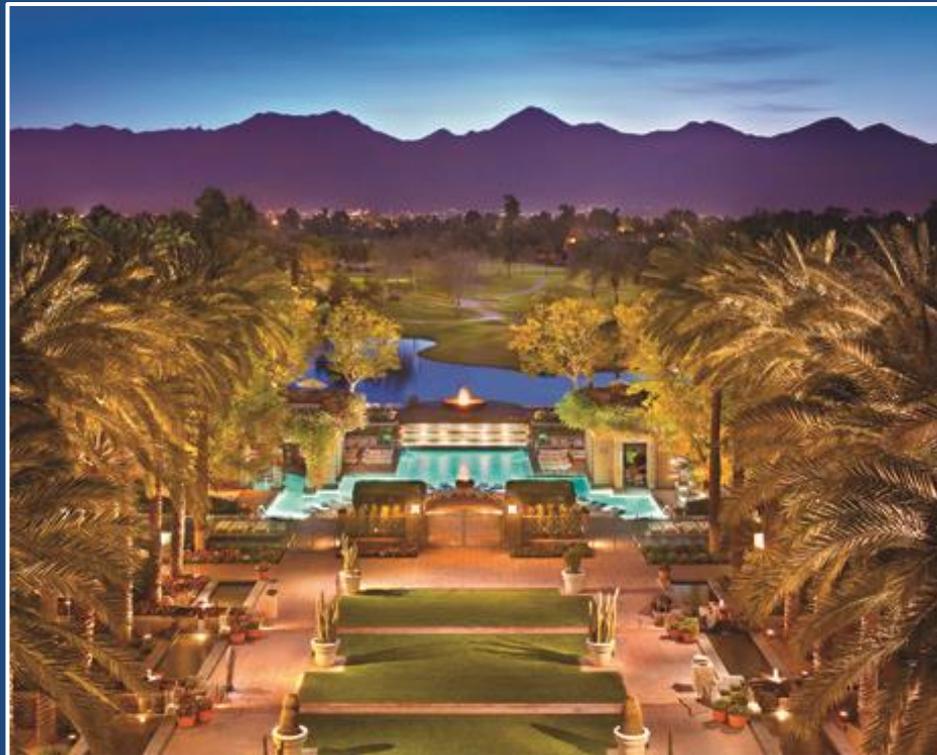
Dear Paul,

On behalf of the City of Scottsdale Environmental Quality Advisory Board (EQAB), thank you for designing, creating and donating the award for our Environmental Achievement Recognition Award to the Hyatt Regency Scottsdale. The personalization of the award made it very special. The resort's General Manager and Engineer who accepted the award were truly moved by its design (inspired by the Hyatt's "recycle tree" logo), materials (recycled and natural) and beauty. The award will be proudly displayed in the Hyatt Regency Scottsdale lobby. EQAB very much appreciates collaborating with a local artist to create a unique piece of art to commemorate our award. Thank you again, Paul.

Sincerely,

Alisa McMahon, Chair  
Environmental Quality Advisory Board  
City of Scottsdale

Environmental Quality Advisory Board  
ENVIRONMENTAL ACHIEVEMENT RECOGNITION AWARD



Hyatt Regency Scottsdale  
Resort & Spa at Gainey Ranch

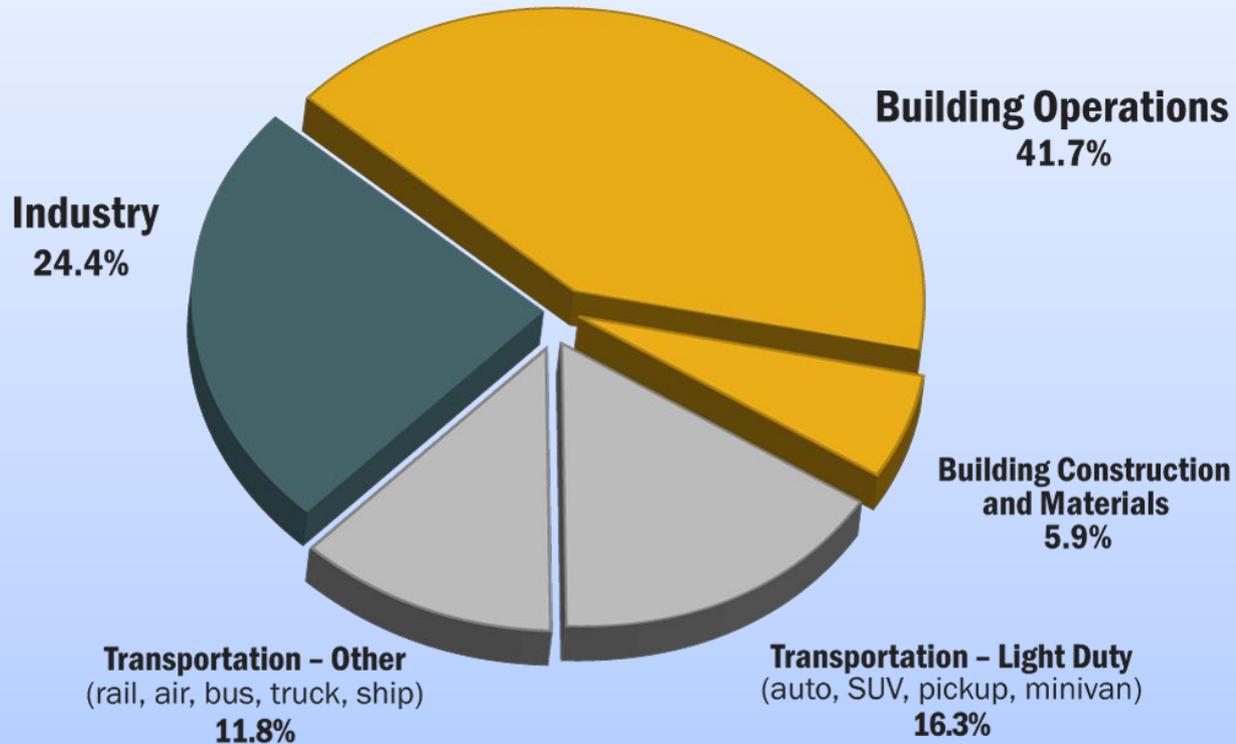
Environmental Quality Advisory Board

# ENVIRONMENTAL ACHIEVEMENT RECOGNITION PROGRAM

Benefits the City of Scottsdale by:

- fostering environmentally related partnerships with city-based businesses and organizations,
- encouraging environmental programs which enrich the lives of residents, and
- publicly recognizing exemplary environmental achievements

# Why Buildings?



## U.S. Energy Consumption by Sector

Source: ©2013 2030, Inc. / Architecture 2030. All Rights Reserved.  
Data Source: U.S. Energy Information Administration (2012).

# Energy & Heat Island Effect Reduction



Vegetative Roof  
reduced temperature inside  
ballroom by 8-10 degrees  
and on patios up to 5 degrees  
**6.5 year payback**

Sarnafil White Reflective Roof  
reduced temperature inside  
hotel by 8 degrees



# Energy Reduction

Solar Thermal Water Heating

3.5 year payback

2.8 million BTUs of solar production



High-efficiency Central Cooling

7 year payback



an average of 30% natural gas reduction and 20% electrical energy reduction since implementation 6 years ago

# Sustainable Design

Guestrooms, suites, casitas, corridors and ballroom have been transformed using green building practices.



Renovations include:

- ◆ LED lighting
- ◆ high-efficiency temperature controls
- ◆ water saving fixtures
- ◆ new textiles made with components of recycled material

70% of fixtures, textiles & building materials were recycled or donated to local organizations for reuse



# Water, Waste & Methane Gas Reduction



Food Digester

an average of 8 tons of organic waste diverted from landfill per month since implementation 9 months ago

Artificial Turf  
28,000 square feet of sod removed  
2 year payback

3.8 million gallons of water saved annually



# Energy, Water, Waste and Greenhouse Gas Reduction Initiatives



As part of our ongoing commitment to protect the environment, we invite you to participate in our linen and towel reuse program, designed to reduce energy consumption and water usage, while creating less waste. During your stay, we will change bed linens and towels every three days. We will refresh your guest room daily.

If you wish to have your linens and towels replaced daily, please Touch 73.

We appreciate your participation. Together, we can make a difference.

Hyatt Regency Scottsdale  
Resort and Spa at Gainey Ranch

printed on recycled paper



- ◆ Recycling program
- ◆ Linen and towel re-use
- ◆ Re-usable water bottle program
- ◆ Eco-pond



680 tons of recyclable material  
diverted over the last 4 years

# Sustainable Design



Electric Vehicle Parking  
free for guests and associates



Parking Lot Light LED Retrofit  
1.75 year payback

4,570 watts saved annually  
evenly distributed light  
for safety & security

As a result of operations initiatives and capital improvements over the past 7 years:

- ✓ Electrical consumption reduced by 20%
- ✓ Natural gas consumption reduced by 30%
- ✓ Water consumption reduced by 25%
- ✓ Recycling increased by 15%

and there's more to come . . .