Strategic Opportunities in Sustainability

MARRIOTT

Background

- Marriott is a large player in the hospitality industry with 3,420 lodging properties worldwide
- Multiple business segments/brands
 - From Courtyard to Ritz-Carlton
- Existing environmental strategies
 - Five-point plan developed with Conservation International
 - Carbon Footprint Monitoring
 - 3 million metric tons annually; certified by ICF International

Sustainability Challenges

- Current environmental vision excludes the s-word
 - "Marriott's environmental vision is to be the global hospitality leader that demonstrates how responsible hospitality management can be a positive force for the environment and create economic opportunities around the world..."
- Proposal: a sustainable hospitality industry which preserves our world for all stakeholders including future generations
- Opportunity areas:
 - Sourcing
 - Energy
 - Waste

Sustainability Frameworks

Cradle-to-Cradle (C2C)

- Technical or Biological nutrients
- Closed Loop vs. Downcycle

The Natural Step (TNS)

- Four System Conditions
- TNS Resource Funnel

Daly's Triangle

- Economy, Environment, and Equity
- Preserve each component of the triangle

Sustainable Sourcing: Challenges



Sustainable Sourcing: Solutions

Area of Improvement	Possible Solution	Status	Framework
Building Materials	Certified FSC Wood		TNS
Drapes, upholstery	Regionally sourced material		
Wallpaper & paint	Non-toxic, zero VOC	√	TNS
Carpets	Natural carpets		TNS
Furniture	Recycled materials		C2C
Uniforms	Organic wool/cotton, bamboo		C2C
Food	Waste = Food		C2C
Conference materials	Recycled and recyclable		TNS, C2C

Energy Reduction Challenges

- Low incentives for guest conservation
- Low utilization of rooms during peak energy demand
- High customer sensitivity to comfort & amenities

Energy Reduction Solutions

- Expanded Demand Response Programs
- Expand Solar/White roofing to more hotels
- green roofing (thermeleon)
- Advanced building management
- Smart thermostats
- Hot water timers

Waste Reduction Challenges

- External (Customer Facing)
 - Reduce waste without affecting customer experience
 - Single use items (toiletries, coffee)
 - Newspapers
 - Maintain or exceed current quality
- Internal (Operations)
 - Reduce excess packaging
 - Decrease waste to landfill ratio

Waste Reduction Suggestions

External

- Implement dispenser system in every room
 - Use brand name shampoo and conditioner
- Add recycle bin to every room
- Create area in lobby for newspaper pick-up

Internal

- Expand sustainable supply chain beyond Europe
 - Biodegradable laundry bags, low-phosphate laundry detergent

Next Steps

- Develop a vision for a sustainable hospitality industry – consumers want this
- Create a sustainability working group of customers, employees, vendors to suggest sustainable business practices or identify new products to meet sustainability goals
- Run analysis to identify positive NPV project
- Implement sustainability projects for compatitive advantage

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