



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Marriott International Headquarters

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Corporate Headquarters / Hospitality
Member since May 2010

Management and Leadership

Environmental Team

There are two independent teams with distinct purposes at Marriott Headquarters. The first team which was formed in 2007 is the Executive Green Council which is comprised of executives and senior leadership of the company. Arne Sorenson, President and Kathleen Matthews, EVP Communications and Public Relations are the co-chairs of this 18 person team. The Executive Green Council develops the environmental mission for Marriott International operations globally and sets the tone for the overall goals of the company. The second team is the Marriott HQ Green Champions which was also formed in late 2007. This team is comprised of 35 volunteers who hold various positions in all departments of the company but have a passion for the environment and sustainability. These associates are led by a member of the Corporate Facilities department and their mission is to "Educate and inspire fellow associates about the benefits of going green." The key function of this team is to champion initiatives within the building while educating others.

Environmental Restoration or Community Environmental Projects

Marriott International as a company pledged in 2008 to protect 1.4 million acres of rainforest in Amazonas through not only monetary donations but also education and protection of the local inhabitants. The Juma village is located in Amazonas, Brazil and is home to over 300 families who are now receiving education in how to protect their land against deforestation. In addition, in 2009 alone, the CO₂ emissions reduction amounted to over 77,000 tons of carbon and the project has already successfully cataloged the various

native species and listed out all protection of these species. Guests of our hotels can take part in this program as well by “greening their stay” and donating \$1 per day to the Juma Foundation.

In addition to this amazing offsite project, Marriott HQ Green Champions and other volunteers from Headquarters and neighboring hotels participate in various local clean up efforts including the bi-annual Potomac Watershed Cleanup Day and Earth Day cleanups at places like the National Zoo, etc. The HQ Green Champions recently were approved by Montgomery County to adopt a local road (Fernwood Road) and have pledged to keep the stretch of 1.03 miles clean from trash and debris.

Waste



Recycling

Marriott International Headquarters always recycled typical waste streams as part of the Montgomery County regulations, but in 2007 adopted a thorough recycling plan including the following waste streams: Mixed paper, cardboard, plastic, glass, cans, white office paper, organic waste for composting, yard waste, carpet, toner cartridges, construction and demolition waste, wood, scrap metal, PC components (laptops, monitors, PC, etc.), CD/DVD/Video, and recently even began “upcycling” Frito-Lay branded bags through Terracycle.

In 2009, we recycled the following:

Mixed Paper – 132,538 pounds
White Office Paper – 213,340
Corrugated Cardboard – 71,575
Commingled Materials – 58,547
Yard Trim – 15,000
Scrap Metal – 46,773
Food Waste – 112,425
Toner Cartridges – 2,976
Computer Components – 18,052
Carpeting – 7, 148
Construction & Demolition – 72,200
Wood – 39,420
Lightbulbs – 9,852
Video/CD/DVD Media – 1,050

Total Recycling: 800,896 lbs.

Overall percentage of diverted waste: 69%

Total savings attributed to our recycling and reuse programs: \$38,098.

Energy

Energy Efficiency

Several projects have been completed in recent years to achieve a higher level of energy efficiency. The three most recent projects include a relamping project, lighting controls teamed with a daylight cleaning program, and installation of new cooling towers. The first project is the relamping project for our headquarters building that reduced our wattage in all ceiling lamps by 4w per bulb. The building contains approx. 28,000 bulbs and the project is estimated to save us 1,100,000 kWh annually in usage and approx. \$142,000 annually. In addition we recently replaced the cooling towers that were original to the building (30 years old) with newer, more efficient models. Not only do we have more control over the new towers and the ability to run portions of the towers rather than the full system, but in addition the motors for the new towers are half the size of the old towers.

The final significant change recently implemented was a key process change for our Housekeeping staff that changes them to a daylight cleaning program. Previous to this change the building was fully lit for their shift from 10pm to 6:30am essentially requiring the lights to be left on 24 hours per day. Since the change the Housekeeping staff now works from 1:30pm to 10:00pm allowing for timed lighting controls to power down all non-essential / non-emergency lighting for 7 hours at night during the week and 24 hours per day on the weekends. This change is expected to provide approximately the same benefits as the lighting upgrade bringing our savings to \$280,000 annually with a reduction in usage of 2,200,000kWh.

Water

Water Conservation

Marriott International Headquarters has completed several projects linked with water conservation including installation of touch free and low flow fixtures as well as improvements to our irrigation system. The touch free fixtures ensure water is not running when the sink or toilet are not in use. In addition to the replacement of fixtures, new aerators were installed that are 30% more efficient than mandated by the Uniform Plumbing Code (UPC) 2006, which is the basis for LEED certification. In addition we have made improvements to our irrigation system at Headquarters including drip sensors to ensure we are not irrigating when unnecessary as well as tuning up the overall system to make sure it runs at peak efficiency.

Green Building

LEED Gold - *Existing Building Operations & Maintenance* – February, 2010



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Maryland

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