



Deep Green at the Bardessono

by James Jenkins, O'Brien and Company

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The Bardessono takes environmental responsibility seriously. Sustainability transcends all parts of our business, from the materials used to construct the facility, to the natural spa products and the holistic treatment services we offer. We call this environmental commitment *Deep Green*, and it sets the Bardessono apart as one of the greenest and healthiest resorts in the world.

Deep Green Features

Our commitment starts with the resort's design, construction, and material selection. The Bardessono chose only the most environmentally sustainable design features and materials to aim for LEED[®] Platinum Certification, the highest level of the US Green Building Council's Green Building Rating System.

Our Deep Green commitment includes the following philosophies:

Tread Lightly

Our building is designed to protect the land and wildlife habitat to the greatest extent possible. During construction, we limited site disturbance to protect Hopper Creek and preserve open space. Food waste from our restaurant is composted using an Earth Tub system, and returned our grounds as fertilizer for our organic herb garden and landscape. The drought tolerant and native plants in our landscape require minimal watering and benefit our local wildlife. We tread lightly and gently to benefit nature and provide a serene guests experience.

Reduce Resource Use

The Bardessono Inn & Spa strives to foster resource efficiency among staff and guests. The MTM Luxury Lodging bath amenity program with Molton Brown uses beauty supply dispensers instead of individual bottles to minimize landfill waste. Guests are encouraged to drink our filtered tap water instead of bottled water. A towel reuse program allows guests to participate in our water reduction effort. We look for ways to reduce resource use and continuously explore ideas and tips that can help lighten our ecological footprint.

Choose to Reuse

To honor the historic significance of the old Bardessono residence, several materials were salvaged for reuse in our inn. Thin cuts of large original wine cellar stones were used as veneer on the building exterior. Redwood wine barrels from local vineyards were reused for the ceiling of the Porte Cochere,

¹ LEED (Leadership in Energy and Environmental Design) is a registered trademark of the US Green Building Council



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the interior of the concierge's station, and private dining room. Non-productive walnut trees from a local orchard were used for flooring in the guest rooms instead of being sold as nursery material. These salvaged materials provide a cultural experience to our guests, helped preserve virgin resources, and reduced the environmental impact of trucking materials from afar.

Recycle

What we cannot give back to the land, we recycle. The Bardessono offers a comprehensive single stream-recycling program in cooperation with Napa Valley waste services. Recycling centers throughout our resort encourage guests to participate in our efforts to recycle paper, cardboard, glass, plastic, aluminum, and food waste. Our construction management plan was designed to achieve a construction-recycling rate of at least 90%.

Conserve Energy

The Bardessono operates with elegant efficiency. Lighting and plumbing fixtures were chosen to conserve water and electricity, yet retain elegance for our guests. Individual thermal controls in every room maximize comfort without wasting energy, and automatic external shades provide the primary level of air conditioning. A looped system of geothermal pipes underneath our parking lot circulates water through the earth's constant temperature to help heat buildings in the winter and cool them in the summer. Roof-mounted photo-voltaic cells turn sunlight into electricity and provide over 30% of the Bardessono's electricity needs. The Bardessono also purchases electricity from utility generated renewable energy such as solar and wind power across the State of California.

Carbon Footprint Reduction

Bardessono staff drive alternative fuel vehicles, including bicycles, while at work! The Inn also operates an alternative fuel shuttle for guests, and offers a bicycle borrowing service to guests to encourage carbon free exploration of the Napa region.

Breathe Easy

Building materials and paints in each beautifully appointed room were chosen for their non-toxic and low-VOC emitting ingredients, promoting healthy indoor air quality. (VOCs are the volatile organic compounds that can cause problems for sensitive individuals.) During construction, utmost care was taken to prevent pollutants from entering the finished spaces. The Bardessono operates a green housekeeping program to ensure continued air quality protection by using 100% biodegradable and non-toxic cleaning products. Spa services and products focus on human health and healing, and use only nature's purest ingredients, free of chemical additives and scents.

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Project Details

Floor Space: 57,000 sf

Budget: in excess of \$60 million

Occupancy: in excess of 70%

Opening Date: October 2008

Owner: Yountville Investors LLC

Architect: WATG

General Contractor: Cello Maudru

Structural Engineer: I.L Gross Structural Engineers

Civil Engineer: Bartelt Engineering

Mechanical Engineer: Ecotope

Landscape Architect: Girvin & Associates

Sustainability Consultant: O'Brien & Company

Ongoing Commitment

Our green building and operations plan is only the beginning. The Bardessono is committed to ongoing carbon footprint reduction while providing guests with a serene, healthy, and memorable stay.

We invite guests to join our efforts by:

- Drinking filtered tap water instead of bottled products to save materials and energy
- Reusing bath towels to conserve precious water resources
- Participating in our recycling efforts
- Riding our free bicycles as you explore the Yountville area

Learn More

The Bardessono is a sustainable building that honors the natural environment and site history to comfort guests in a pure, natural, and allergy free environment.

Learn more about the Bardessono's environmental programs through an educational "Greenscreen" display in the lobby or on our website(www.bardessono.com). This computer program will provide real-time information on the amount of electricity generated by the solar arrays and showcases the sustainable materials, processes, and programs that make up our deep green ethic.

The Bardessono's commitment to Deep Green is the essence of gracious hospitality.

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