

# Green Building Update

an Allen Matkins  
market intelligence  
publication

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## AIA's top 10 green building projects

*Greener Buildings - April 15*

The American Institute of Architects announced its 2009 Top 10 List of outstanding environmentally responsible architecture. These projects will be honored at the AIA's annual National Convention, set for April 30 to May 2 in San Francisco: [Charles Hostler Student Center](#), Beirut, Lebanon, which features a green roof; [Chartwell School](#), Seaside, Calif., rated LEED-Platinum; [Gish Apartments](#), San Jose, Calif., which features a rooftop solar array, sited near light rail and rated LEED-Gold for Homes and LEED NC; [Great River Energy Headquarters](#), Maple Grove, Minn., an office building rated LEED-Platinum; [Jewish Reconstructionist Congregation](#), Evanston, Ill., rated LEED-Platinum and features natural ventilation; [Portola Valley Town Center](#), Portola Valley, Calif., features a solar system that provides 40 percent of its energy needs; [Shangri La Botanical Gardens and Nature Center](#), Orange, Texas, a LEED-Platinum project that was damaged during construction by Hurricane Rita and incorporated fallen trees into the structure; [Synergy at Dockside Green](#), Victoria, British Columbia, huge LEED-Platinum rated mixed-use built on a former brownfield site that includes a nine-story residential mixed use tower, a two-story townhouse, a six-story mixed use building, and a four-story residential building; [The Terry Thomas](#), Seattle, Wash., a mixed use project rated LEED-Platinum for commercial interiors and LEED-Gold for core and shell; [World Headquarters for the International Fund for Animal Welfare](#), Yarmouth Port, Mass., rated LEED-Gold and built for \$220 per sq. foot using low-tech, low-cost strategies.

## Green Building Focus

### Two new studies on green building value

*Seattle Post Intelligencer - April 14*

With 60 proposed [Living Building Challenge](#) projects in design or under construction in North America, a new [study](#) concludes that Living Building projects pay back their added cost within a reasonable period in most cases, compared to LEED-Gold buildings. Another [study](#) indicates that some green schools may not be saving enough energy to recover extra construction costs.

### Report: Latest green building technologies

*Research and Markets - April 20*

Frost & Sullivan's report entitled "Green Buildings A Detailed Technology Analysis" reviews green trends in HVACs, BEMs, BIPVs, smart windows, insulated glass, etc.



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### Proposed CA law requires zero net energy homes by 2020

*Mercury News - April 12*

The proposed legislation would require all homes built after January 1, 2020 to be zero net energy. The homes would produce enough power to offset any electricity they draw from the grid. The measure is on the agenda of the Assembly Natural Resources Committee on Monday.

### Colleges increasingly going green

*Seattle Post Intelligencer - April 13*

Colleges receiving the highest marks on the College Sustainability Report Card include Harvard,

Dartmouth, University of Washington, Middlebury, Carleton, and University of Vermont. Some of the key results of the report card include: 45% of campuses have made strides to fight global warming by cutting carbon emissions; 59% have high-performance green building standards for new buildings; 42% use hybrid or electric vehicles; 37% purchase renewable energy, 30% produce some of their own with wind or solar generators; 70% buy food from local farms, and 64% serve fair trade coffee.

**Related story:** [Miami, Chicagoland, San Francisco schools win green makeovers](#)

### **Brainstorming Portland's greenest of buildings**

*Green Inc. - New York Times blog - April 15*

Thinkers in green design, Portland city officials and state officials recently gathered at the Gerding Edlen Development Company offices to dream up features for the city's proposed [Sustainability Center of Excellence](#). The Center will be a state-of-the-art high-rise that would function both as an emblem of hyper-green design, and as a locus for green-building research and education in the region.

### **Indian River to be the fourth Florida county to receive green designation**

*TC Palm - April 13*

Indian River County, Florida, counts as one of only four counties in Florida designated green by the [Florida Green Building Coalition](#). In October 2007, the FGBC authorized county officials to apply for the designation, which rewards cities and counties throughout the state for outstanding environmental stewardship. Orange and Sarasota counties are already certified at the gold level and Pinellas county has the silver level designation. Indian River County encourages environmentally preferable purchasing programs, maintains an electronic database of all building energy code compliance and maintains a green fleet. Future consideration may also be given to establishing a green building awards program, county officials say.

### **From Green Buildings to Green Cities in the U.S. and China: conference, May 1, in**

## **San Francisco**

*Asia Society - April 20*

This one-day conference is said to be the first to bring together leading green design specialists from the fields of research, technology, architecture, business, and policy from the U.S. and China to build dialogue and collaboration. The U.S. and China are rapidly becoming the global centers for green design promotion, development, and investment, and many other Asian countries are beginning to follow suit. The conference will feature more than 20 speakers, and registration can be made [here](#).

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### **Notable green building projects...**

#### **San Francisco's Orchard Hotel is fourth in the world to get LEED-EB certification**

*Green Building Elements - April 17*

The [Orchard Hotel](#) recently nabbed LEED Existing Building certification, making it only the second hotel in California and fourth hotel in the world with this certification. Among other green attributes, the hotel is Energy Star rated and 90% more energy efficient than comparable hotels, contains a [plate and frame heat exchanger](#) installed on the rooftop which decreases power needed for climate control and cooling, and offers guests beds with the mattress covers made from organic and naturally anti-microbial fibers.

#### **Montage Beverly Hills awarded LEED gold**

*Montage Hotels & Resorts - April 13*

Montage Beverly Hills, the 201-room luxury hotel that opened November 2008 in Beverly Hills, California has earned LEED Gold certification under the USGBC's New Construction rating system. This is the first certified ultra-luxury hotel in Southern California achieving such certification. Montage Beverly Hills is also the first newly constructed mixed-use hotel and residential project to be LEED certified as a single development, denoting it as a high performance building that is a responsible, efficient and healthy place to live and work.

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### **Biodiesel to fuel "World's Greenest Building" in Oregon**

*Biodiesel Magazine - April 20*

Independence, Oregon will soon be the home to what developers have dubbed the "world's greenest building." The \$15 million building is expected to be finished by early 2010. It will house 15 condominiums and multiple office and retail space, possessing a multitude of green characteristics including rainwater collection and reuse, extensive day lighting, composition from recycled and reclaimed building materials and components, and power generated from biodiesel. The 57,000 square-foot building is also expected to be awarded the highest rating recorded by the USGBC's LEED certification program, according to main project developer and owner Aldeia LLC.

### **Drury to construct new LEED Silver event center**

*KSPR - April 14*

Missouri's Drury University Board of Trustees has approved going forward with construction of the O'Reilly Family Event Center, which is expected to receive a minimum of a LEED Silver certification. Construction will begin as soon as possible with a goal of opening the facility in the fall of 2010. The event center will seat 3,100 spectators with the ability to expand to around 3,600 seats for concerts and special events. Killian Construction of Springfield will build the arena for \$10.5 million, with a total cost approaching \$13.5 million.

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