

# Green Building Update

an Allen Matkins  
market intelligence  
publication

**Allen Matkins**  
attorneys at law

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## **Stanford University chooses its own sustainability guidelines over LEED**

*The Harvard Crimson - Mar 5*

Stanford University recently unveiled an eco-friendly building that will use less than half the energy and a tenth of the water that a similarly-sized building would, according to University officials. The \$118 million, 166,000-square-foot building was built in accordance with Stanford's own sustainability guidelines, and the University will not seek certification from the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED). The University ultimately decided to use its own guidelines to regulate the construction of the building due to several problems it had with LEED, including the price of certification, estimated at \$100,000, which officials say could better be used to equip the building with better technology.

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### **Green Building Focus**

**[Want to become a LEED Accredited Professional?](#)**  
**[The new Green Building Certification Institute is now administering the LEED Credentialing Program.](#)**

In January 2008, the USGBC transferred responsibility for the LEED Professional Accreditation program to the newly established [Green Building Certification Institute \(GBCI\)](#). While the GBCI will serve as the independent administrator of the accreditation program, the USGBC will continue to manage the LEED Green Building Rating System.

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## **California adopting net-zero energy requirements for residential and commercial construction**

*Hybrid Living - Mar 10*

Every two years, the California Energy Commission (CEC) releases an integrated energy policy report in which it makes recommendations for energy policy in the state, including changes to Title 24, the energy efficiency portion of the building codes. In its 2007 report, CEC recommends adjusting Title 24 to require net-zero-energy performance in residential buildings by 2020 and in commercial buildings by 2030. According to Panama Bartholomy of CEC, the commission does not need new legislation to incorporate these goals and is already moving to put them in place. "The 2008 standards will get us closer to these recommendations," he said, referring to the Title 24 update currently moving through the state's rulemaking process.

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## **Applied Materials enters \$1.9 billion solar deal according to SEC filing**

*EETimes - Mar 4*

Applied Materials Inc. has entered into a \$1.9 billion solar equipment deal with an unnamed company, according to documents filed with the U.S. Securities and Exchange Commission (SEC). Sources believe that the

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customer could be Moser Baer India Ltd. of New Delhi. The factories are collectively expected to produce an annual output of solar photovoltaic modules capable of generating electricity on a gigawatt scale according to the filing. With the current project capacity of 40 MW, the new expansion will take the total manufacturing capacity to over 600 MW by 2010.

### **International Code Council to develop green building certification**

*Greener Buildings - Mar 6*

The International Code Council (ICC) will unveil a certification program to ensure that code officials understand the application of green building technologies. The group, which creates codes used to build residential and commercial buildings, also wants to ensure that green buildings are safe. Most U.S. cities, counties and states use the safety-related International Codes developed by the council, it said. The certification will test an official's knowledge about the dominant green building rating systems, such as LEED, Green Globes and National Green Building Standard for residential construction. The council is creating a committee of experts versed in green business practices to develop the certification.

### **Insurance company offers green building restoration policy**

*Greener Buildings - Mar 7*

The [ACE USA](#) insurance company has introduced coverage allowing policyholders to use green building methods when repairing or rebuilding damaged property, joining a number of other companies that offer similar programs. The stand-alone ACE Green Building Restoration policy would cover any damaged real property, and is available for banks, manufacturing facilities, universities and colleges, retail stores and other industries. With a typical limit of \$25 million, the coverage would allow improvements to heating and cooling systems, insulation, roofing and windows, and changes such as new carpets to improve indoor air quality.

### **Israeli photovoltaics startup Pythagoras Solar raises \$10 Million**

*PowerPulse.net - Mar 4*

Pythagoras Solar Inc., a solar energy startup developing photovoltaic technology, has completed a \$10 million series A financing round, led by Israel Cleantech and is aiming to grow into the world market. Pythagoras Solar will use the funds for Israel-based R&D and global commercialization of its technology and products that are claimed to be able to change the economics of solar power. Pythagoras has an R&D center in Israel and a U.S. office in San Mateo, California.

### **Green building demand rising in China**

*PBS - Mar 5*

By the year 2020, half of the world's new buildings are projected to be built in China. That's spurring a growing business for American engineers and consultants, primarily for makers of buildings. Real estate developers and the Chinese government are looking for eco-friendly alternatives to fuel the country's construction boom. Engineer Kenneth Law of the firm Parsons Brinckerhoff says demand for green design has helped double their sales volume in China. "For the new clients that we have contacted. [in China] I

would say one in five are asking for green designs already, and this trend is going up," he said.

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

#### [Coke gets LEED gold certification for "World of Coca-Cola" museum](#)

Coke's "World of Coca-Cola" attraction, which opened in Atlanta in 2007 was recently awarded a LEED Gold rating by the U.S. Green Building Council. Greg Koch, Coke's director of global water stewardship, says the building's greener design lets the company "put [its environmental] ideals into action and share the results with millions of visitors."

#### [Three developers in New York to build \\$7 million LEED certified industrial park](#)

A Long Island industrial park project will be the first such development in New York State to seek LEED certification. The 10-acre park will be designed to an unspecified rating and feature seven buildings offering 78,000 square feet of industrial space. The \$7 million project is set to open by the end of summer 2008.

#### [Coloplast to build LEED certified North American headquarters](#)

Denmark-based healthcare product and service provider [Coloplast](#) has begun the construction of its new North American headquarters campus in Minneapolis. The \$35 to \$40 million campus will be LEED-certified and will be home to one of the company's three global research-and-development Innovation Centers. Others are located in Denmark and France.

#### [New "green" ER built Longmont Colorado](#)

Longmont United Hospital in Colorado has opened a \$20.3 million emergency room. The new ER was built using Green Health guidelines by the U.S. Green Building Council. The 25,000-square-foot facility was built to treat 28,000 patients, almost double of what its previous 10,000-square-foot ER was built to handle.

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