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Green Building Update

an Allen Matkins market intelligence publication

January 21, 2010

California's green building code -- mandatory 01/01/11

San Francisco Chronicle - Jan 13

Developed in 2007, made voluntary in 2009 and set for state-wide mandatory application on January 1, 2011, California's first-in-the-nation Green Building Standards Code will require all new buildings to reduce water consumption by 20%, divert 50% of construction waste from landfills, install low VOC materials, install separate water meters for nonresidential buildings' indoor and outdoor use, require moisture-sensing irrigation systems for larger projects, and require mandatory inspections of energy systems in buildings over 10,000 sq. ft. Projects that pass state inspection may be certified CALGREEN I or II.

Related:

<u>California approves new green building code</u> (Business Green) <u>California's building code turns green</u> (GreenerBuildings)

Green Building Focus

Green Building Survey

Allen Matkins - Jan 21

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Results will be presented in the Green Building Insider newsletter and in the <u>Green Building Update</u>.

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Commercial green buildings to reach 50% of market by 2015

Wall Street Journal - Jan 8

Several studies forecast high growth in the green building sector over the next three to five years. The latest study from venture capital firm Good Energies Inc. finds that 50% of non-residential building stock will be green buildings by 2015, up from the current 15%. Driving the trend is the realization by many developers that costs are not as high as expected to implement green practices.

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Pacesetting green regulations, increasing demand for alternative energy and technologies, and sizable procurement budgets are generating enormous economic opportunities and challenges for entrepreneurs, manufacturers, builders and investors.

Use the discount code **VXAIIenMatkins20** to receive a 20% discounted rate courtesy of Allen Matkins. *Green Building Update* Editor **Bryan Jackson** will participate in two panels at VerdeXchange.

Is California's green building code too weak?

L.A. Times - Jan 11

Several groups criticized the CALGREEN I and II rating system as not providing a rigorous verification system and creating confusion in the green building market place. <u>Northern California Chapter of the U.S. Green</u> <u>Building Council</u>, <u>Build It Green</u>, <u>Global Green</u>, <u>Natural Resources Defense</u> <u>Council</u>, <u>Environmental Defense Fund</u>, <u>Sierra Club California</u>, <u>StopWaste.org</u>, <u>Environment California</u>, and <u>Planning and Conservation</u> <u>League</u> lauded portions of the California green building code but believe the code falls short of the rigorous standards adopted by more than 50 California jurisdictions aligned with the LEED certification program including LA, SF, San Jose, Pasadena, Santa Monica, W. Hollywood, Culver City and Calabasas.

Related:

<u>Is California's new green building code green enough?</u> (L.A. Times) <u>Last-minute about-face on green building</u> (SF Gate)

Energy costs go on line for D.C. commercial buildings

Washington Post - Jan 1

Companies seeking to lease space in Washington's large commercial buildings will be able to compare the size of their future energy bills. Starting in 2010, buildings with more than 200,000 square feet of office space are required by law to record energy and water usage rates on a web site run by the EPA.

Mandatory green building ordinance in San Mateo

City of San Mateo - Jan 18

San Mateo's mandatory green building law became effective January 1, 2010. The green building law follows (1) LEED certification guidelines for municipal and commercial buildings and (2) Green Point Rated guidelines for single-family and multi-family dwellings.

Six states to develop building retrofit policies

SustainableBusiness.com - Jan 6

The National Governors Association (NGA) announced that Colorado, Hawaii, Massachusetts, North Carolina, Utah and Wisconsin have been chosen to develop comprehensive action plans to improve the energy efficiency of existing buildings. Building retrofit programs may include weather stripping; insulation; upgrading heating or hot water systems; and upgrades in lighting, windows, appliances, use of ENERGY STAR products; solar hot water; and energy management systems.

Autodesk launches online green building game

Autodesk - Jan 11 Autodesk launched RETROFITS, an on-line game designed to educate



Enhancing value for commercial real estate





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managers.

A non-profit organization of professionals working to improve our skills as environmental practitioners and natural resource



EAI's ten green building trends for 2010

EcoHome Magazine - Jan 14

Earth Advantage Institute (EAI) believes ten trends will emerge in 2010, helping to drive interest and market acceptance of green building. The list includes tracking real-time energy usage, energy performance labeling, the use of building information modeling, and reduced-rate loan products and insurance packages.

List of Green building case studies

CalRecycle - Jan 18

CalRecycle compiled a list of case studies to highlight green and sustainable design features. The list is divided in three sections: California, Out-of-State and Links to other case studies sites.

USGBC commits to helping rebuild Haiti

Mother Nature Network - Jan 14

The USGBC is committed to helping rebuild Haiti after its devastated earthquake. Also, the USGBC is encouraging donations through the Clinton Foundation Haiti Relief Fund.

Elastra launches green IT initiative for data centers

BusinessWire - Jan 12

Elastra Corp hopes to assist companies to create and maintain energyefficient data centers. Elastra software optimizes the distribution of applications in a data center to maximize energy efficiency.

Notable Green Building Projects

Jack London Market earns LEED silver

San Francisco Business Times - Jan 12

Oakland's Jack London Market earned LEED Silver with building efficiency 15% above California standards.

Palm Beach Zoo first to earn LEED certified

Palm Beach Post - Jan 08

The Palm Beach zoo is the first LEED Gold zoo in the country. The animal care center has 80 solar panels for 13% of the building's energy use.

Wachovia earns Miami's first LEED Gold

Environmental Leader - Jan 13

The 1.2 million square fee Wachovia Financial Center is Miami's first office tower to earn LEED Gold.

Tapei 101 to become the tallest green building

National Post - Jan 4

Tapei 101, which recently lost the tallest building title to Burj Dubai, now strives to become the tallest green building in the world. The Empire State Building is the only other tall LEED skyscraper. Related: <u>Burj Khalifa opens as the tallest but not greenest building in the</u>

world (Associated Content)

SF's Transamerica Pyramid earns LEED certification

ABC 7 - Jan 4

San Francisco's Transamerica Pyramid earn the LEED certification with an efficient co-generation plant and extensive recycling.

JPMorgan Chase Tower earned LEED Gold

RealEstateRama - Jan 5

JPMorgan Chase Tower, a 1.6 million-sq. ft., 75-story office building (tallest

in Texas) earned LEED Gold. With an ENERGY STAR rating of 91, the building is 46 percent more energy efficient than average buildings with annually energy saves of \$1.48 per sq. ft. Green features include low-flow fixtures; gray water reclamation; energy efficient lighting; green cleaning products; recycling; green tenant TI guidelines; and a re-commissioning program.

Excelsior & Grand earns LEED certified

Finance & Commerce - Jan 4

Excelsior & Grand, a 17-acre, mixed-use residential and retail community in St. Louis Park, Minn., earned the first LEED for Neighborhood Development certification.

NASA enhancing green building's efficiency

Environmental-Expert.com - Jan 16

NASA is collaborating with Integrated Building Solutions (IBS) to enhance energy efficiency, maximize worker performance and enhance comfort. 'Sustainability Base,' the building under constructed at NASA's Ames Research Center, slated for completion in late 2010, will be the "testbed" for several new smart systems.

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