Green Building Update

an Allen Matkins market intelligence publication

April 28, 2010

GSA funds \$4 billion for green building projects

Phoenix Business Journal - Apr 16

The U.S. General Services Administration (GSA) funded \$4 billion in construction projects to make federal buildings more energy efficient. More than 500 companies received contracts for 391 projects include retrofits of existing buildings and construction of new buildings. The GSA requires its new buildings and major modernization projects to earn LEED silver certification.

Green Building Focus

Study: Green buildings too quiet for comfort

DiscoveryNews - Apr 14

Based on a larger U.C. Berkeley study, the GSA studied 20 federal LEED certified buildings. Most buildings have mechanical noise that provide background sound, which give occupants a sense of privacy when talking. But some green buildings are too quiet to allow this sense of privacy. The designs and materials that help make the LEED buildings more energy efficient, less polluting and more productive spaces may have unintended acoustical consequences. Industry standards for acoustics are needed. The EPA's 40-year-old Noise Abatement and Control Act which was never funded or enforced, may provide insights.

Study: Infrastructure investment imperative

Urban Land Institute - Apr 19

ULI and Ernst & Young examined global trends in infrastructure and water issues and warn that failure to address water risks and related issues posed by aging or inadequate infrastructure could impede the economy and U.S. attempts to regain global competitiveness.

Harvard/USC Business Growth Conference 2010

- May 6

Join more than 1,000 elite business leaders, innovators and entrepreneurs at the 26th Annual Southern California Business Growth Conference on Thursday, May 6, 2010. Co–hosted by the Harvard Business School and the USC Marshall Alumni Association, this conference offers practical advice to help grow your business. The "Going Green to Earn Green" panel will feature <u>Nikhil Jain</u>, CEO of the Clean Green Guy, <u>Bryan Jackson</u>, Chair of Allen Matkins' Green and Sustainable Construction Practice and adjunct professor at USC, and <u>Rick Crandall</u>, Director of Sustainability for Albertsons and Bristol Farms.

<u>Cities implementing green strategies</u>

guardian.co.uk - Apr 19

Cities are adopting green construction standards, emissions goals, energy efficiency rules and renewable energy requirements, to comply with state standards. For example, California's AB 32 requires the reduction of carbon emissions to 1990 levels by 2020 and 80% of 1990 levels by 2050. To comply, many local jurisdictions are implementing green building standards and programs designed to conserve, reduce waste and reduce emissions. For example, Santa Monica, Pasadena and Los Angeles, adopted "green" building ordinances that require new and renovated buildings to meet LEED Silver requirements. San Francisco, Berkeley, Chicago, Seattle, Portland and Boulder developed Climate Action Plans that outline strategies to lower emissions and prepare for climate change.

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<u>Hines' GreenOffice® program</u>

Hines - Apr 22

Hines GREEN OFFICE® program, which launched on Earth Day, 2009, now includes more than 400 tenants, including Bank of America, Coca-Cola, Deloitte & Touche, GE Healthcare, JPMorgan Chase, KPMG, Shell, TIAA-CREF, Verizon and Wells Fargo, who collectively occupy more than 19 million sq. ft. The program is available to all of Hines' office tenants, which occupy 120 million square feet in the U.S., Mexico, Canada, Panama, Brazil, China and Russia. GREEN OFFICE® encourages tenants to identify and implement no-cost and low-cost alternatives to operating standard office environments. In 2010 Hines earned, for the third time, ENERGY STAR's Sustained Excellence Award. Hines has ENERGY STAR labels on more than 147 buildings (75 million sq. ft.). Also, 192 projects, representing more than 100 million sq. ft., are certified, pre-certified or registered under LEED.

Top 50 green buildings in the world

Top Online Engineering Degree - Apr 19

The top 50 greenest buildings in the world include the following top five buildings:

- 1. Alamaden Tower, San Jose, California
- 2. India Tower, Mumbai, India
- 3. William J. Clinton Presidential Library, Little Rock, Arkansas
- 4. Robert Redford Building, Santa Monica, California
- 5. RIT's University Services Center, Rochester, New York

Switzerland and U.S. meet on green building

ThinkSwiss - Apr 19

The U.S. and Swiss leaders gathered for a three-day conference on energy efficiency and green building. The event took place in Washington, D.C., and was hosted by Switzerland Trade and Investment Promotion, swisscleantech, ThinkSwiss and the Embassy of Switzerland.

BOMA's 40 green strategies for buildings

BOMA - Apr 19

The Building Owners and Managers Association (BOMA) listed 40 earthfriendly tips to optimize building performance including monitoring energy consumption with ENERGY STAR Portfolio Manager; installing occupancy sensors; landscaping with perennial plants; harvesting rainwater for landscaping; and using recycled paper products.

Canada researching better green buildings

Government of Canada - Apr 16

Canada hopes to reduce 75% of GHG emissions from heating, cooling and construction of buildings, through the Asia-Pacific Partnership funding of research led by the Okanagan Science & Technology Council.

Related:

Canada researches green buildings under the Asia-Pacific Partnership (Government of Canada) Home construction to benefit from Built Green Canada Program (Built Green Canada)

Online green building products directory

Manitoba Green Building Products - Apr 19

The Manitoba Green Building Products directory is a partnership between the government agency named "Green Manitoba" and the Canada Green Building Council's Manitoba chapter. The directory lists green building



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materials for the construction, renovation and operation of commercial and institutional buildings.

Notable Green Building Projects

Trail Blazers earn LEED Gold

NBA - Apr 12

The Portland Trail Blazers' Rose Garden is the first NBA sports facility to earn LEED Gold. The project features recycling, alternative transportation, and a commitment to the health of fans and employees with locally sourced food and environmentally friendly cleaning products.

Twins' earns LEED Silver

GreenerBuildings - Apr 9

Minnesota Twins' new ballpark, Target Field, earned LEED Silver. The ballpark features high-efficiency lighting, a special rainwater filter system, and recycled construction materials.

Barona Resort & Casino earns LEED Gold

Hotel Interactive - Apr 16

Barona Resort & Casino in Lakeside, CA, is the first Tribal resort to earn LEED-EB Gold. The project features extensive recycling, green maintenance and cleaning products, a shuttle program, parking spaces for alternative fuel vehicles and an educational program.

CalSTRS's earns LEED Gold

Business Wire - Apr 7

Headquarters for the California State Teachers' Retirement System's (CalSTRS) earned LEED-NC Gold. The project features 12% less energy usage than comparable buildings, and 40% less water usage from low-flow fixtures and high-efficiency irrigation.

Benedictine Monastery earns LEED Platinum

BuildingGreen.com - Apr 12

Southern Wisconsin is home to two LEED-Platinum buildings, the Holy Wisdom Monastery and the Aldo Leopold Legacy Center. The Monastery will accommodate future upgrades to achieve net-zero carbon emissions including customized glazing, high-albedo roof and hardscape surfaces to decrease the heat-island effect, large windows that invite daylight and minimize electric lighting demands, operable windows for natural ventilation and a ground-source heating and cooling system involving 39 closed-loop, 300-foot-deep wells.

OWC earns LEED Platinum

PRLog - Apr 8

Other World Computing's (OWC) corporate campus earned LEED Platinum. The OWC project features (1) geo-thermal ground-coupled heat pump systems, (2) fiber optic rooftop light-harvesting technology, (3) high insulation value glass windows and exterior sunshade technology for reduced cooling costs, (4) high insulation value materials throughout the building for reduced energy use, and (5) "smart" sensors to detect and adjust energy in unused rooms.

Pratt & Whitney -- first LEED Platinum in China

GreenerBuildings - Apr 8

In a joint venture with China Eastern Airlines, Pratt & Whitney's Shanghai Engine Center become the first facility in China to earn LEED Platinum. The 250,000-square-foot project features (1) energy produced by solar thermal, photovoltaic, wind, geothermal and canal water; (2) high performance, energy efficient windows; and (3) a roof manufactured with reflective material to keep the building cool.

Video of Panduit's LEED Gold HQ

YouTube - Apr 12

This video shows Panduit's efforts to build a sustainable network in its new headquarters that benefits the company, its employees and the environment including Connected Buildings and Smart Data Centers.

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