

Green Building Focus



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White House's \$4B green building initiative

USGBC - Dec 2

President Obama and former President Clinton, joined by 60 organizations participating in the Better Buildings Challenge, **announced** \$4 billion in federal and private sector energy upgrades to buildings over the next two years.

Jones Lang LaSalle to reduce energy use by 20%

Green Real Estate Daily - Dec 5

Jones Lang LaSalle plans a 20% reduction in energy usage by 2020 throughout its entire managed portfolio of over 98 million sq. ft. of commercial space as part of the White House's **Better Buildings Challenge**.

LEED existing buildings outpacing LEED new construction

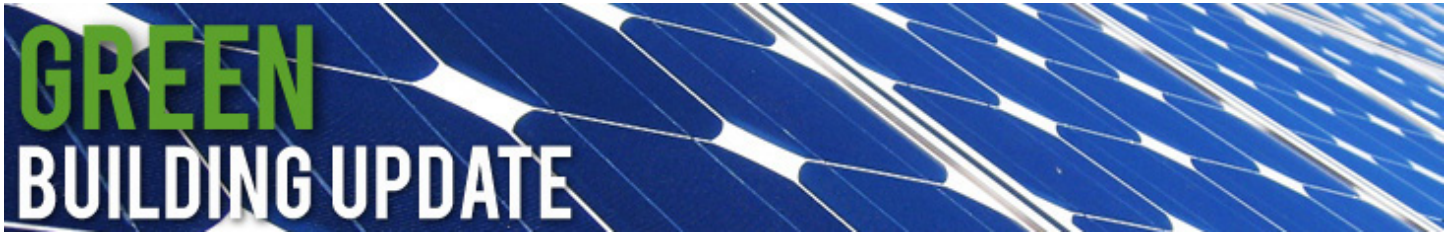
USGBC - Dec 7

LEED-certified existing buildings are outpacing their newly built counterparts. As of December, LEED-certified existing buildings surpassed LEED-certified new construction by 15 million sq. ft. on a cumulative basis.

School & College Building Expo offers discount

SCBE - Dec 19

The **School and College Building Expo (SCBE)** is offering a discount to Green Building Update readers. SCBE will take place on January 24-26, 2012 at the Orange County Convention Center in Orlando, Florida. The conference features sessions, field trips, and keynotes regarding the industry's hot-button issues, including green trends and sustainability, adaptive reuse, and zero net energy design. For a 10% discount on **registration** costs, enter code CYBR10.



CCC releases Building Performance Tracking Handbook

California Commissioning Collaborative (CCC) - Dec 19

The California Commissioning Collaborative (CCC) released The Building Performance Tracking Handbook, a free resource to help monitor and improve the energy and system performance of commercial buildings. The handbook explains how to manage building performance using various tracking tools and offering guidance on how to select the most appropriate management strategy.

Green building on the rise

Sustainable Industries - Dec 19

Green building continues to grow globally despite ongoing economic difficulties for several reasons including (1) improvements in LEED; (2) support from the White House; (3) increased global participation by more countries; (4) more green building incentives; and (5) increased usage of solar power.

ULI considering Best of the Best Awards

Urban Land Institute - Dec 19

The **application process** is now open for the Urban Land Institute (ULI) Orange County/Inland Empire's second annual Best of the Best Awards to be held April 19, 2012. ULI wants examples from business, government and the non-profit sectors of key principles of sustainable development. The early submittal deadline is January 31.

D.C., 33 states plan to nominate Green Ribbon Schools

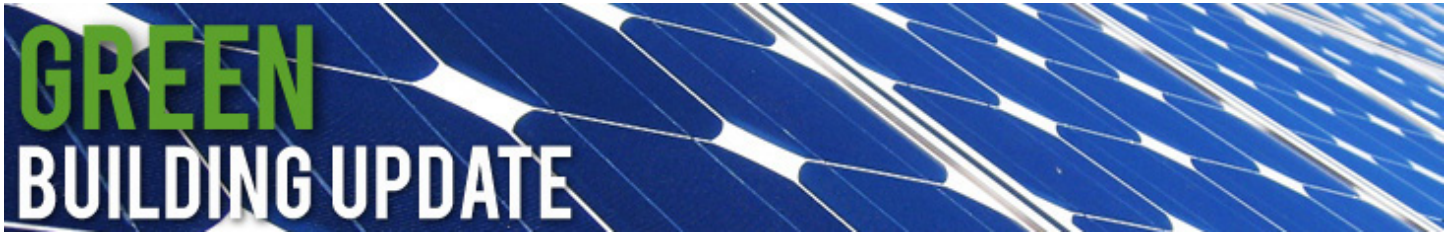
U.S. Department of Education - Dec 19

The U.S. Department of Education announced that 33 states, including California, and D.C. have submitted intents to nominate schools for the **Green Ribbon Schools** awards program. States will nominate schools in their jurisdiction that come closest to achieving: (1) net zero environmental impact of facilities; (2) net positive health impact on students and staff; and (3) 100% environmentally literate graduates.

GAO: Green buildings lack performance measures

Federal News Radio - Dec 19

Economic, environmental and health concerns have encouraged green building, but the agencies need to do a better job of measuring the success of these initiatives, according to a GAO **report** that examined 94 federal projects run by 11 agencies.



Shasta County achieves increased energy efficiency

California Energy Commission - Dec 8

With a low-interest loan from the California Energy Commission (CEC) and federal stimulus funds totaling \$936,024, Shasta County recently completed a series of energy upgrades that will result in lower electricity bills and greenhouse gas emissions.

Reduced energy consumption at SDSU

Business Wire / Vigilant - Dec 19

The Associated Students of San Diego State University (SDSU) reduced the energy consumption of its Aztec Recreation Center by more than 31%, with an 88% savings in fan energy alone, through the use of the Vigilant Intelligent Energy Management System.

San Francisco, New York win WGBC awards

USGBC - Dec 5

The USGBC announced San Francisco and New York as the recipients of the World Green Building Council's Government Leadership Awards for Excellence in City Policy for Green Building.

USGBC elects new board directors

USGBC - Dec 8

The USGBC elected new officers and directors to its 2012 Board of Directors.

Green innovators leading the way

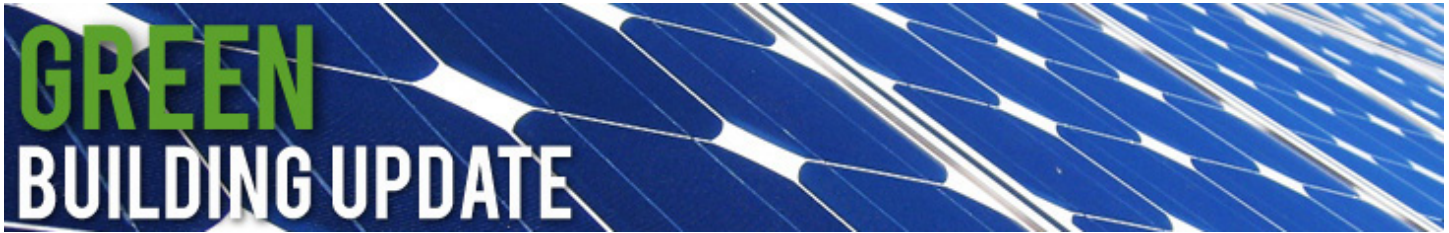
Construction Digital - Dec 7

Construction Digital, listed some of the **recent advances** in green building that are helping project reach LEED Platinum, including (1) **SAGE's** electrochromic glass; (2) **EMerge Alliance's** DC power distribution standards; (3) **EnGuard's** high-efficiency, glass-free insulation; (4) **Luvata's** composite copper paneling; and (5) **Sefaira's** cloud-based green building analysis.

Santa Clara finds funding for green 49ers stadium

San Francisco Chronicle - Dec 5

Santa Clara secured long-awaited funding for a new 49ers stadium that is expected to cost about \$1.02 billion. "The city will own this stadium and, after 40 years, the 49ers will have paid the equivalent of fair market rate" for what he said will be a state-of-the-art, green building that is certain to attract the Super Bowl. It is expected to open in 2015.



Buildings with 2010 standards will use 18.5% less energy

DOE - Nov 30

DOE's analysis shows buildings meeting a new 2010 energy efficiency standard will use 18.5% less energy than structures using the previous (2007) standard.

City Ventures introduces solar homes pre-wired for EVs

Clean Energy Authority - Nov 28

In Southern California, homebuilder **City Ventures** is building a total of 190 **Green Key** homes designed to LEED Gold standards, with solar arrays and complete with wiring for electric vehicle car chargers. The all-electric homes are designed to offset most of their energy costs with solar arrays. The new homes, which include town homes and single-family detached homes, are running from the high \$200,000s to about \$500,000.

Green, affordable LEED Gold apartments

California RealEstateRama / Eden Housing - Nov 29

San Jose celebrated the grand opening of **Brookwood Terrace Family Apartments**, 84 one-, two- and three-bedroom family apartments that are affordable to families with annual incomes ranging from 30% to 50% of the Santa Clara County Area Median Income. The apartments, designed by KTG Y Group, are designed to LEED Gold specifications using sustainable building methods and incorporating a number of "green" features designed to ensure its long-term energy-efficiency and sustainability.

Four Gen7 green classrooms arrive at Brentwood School

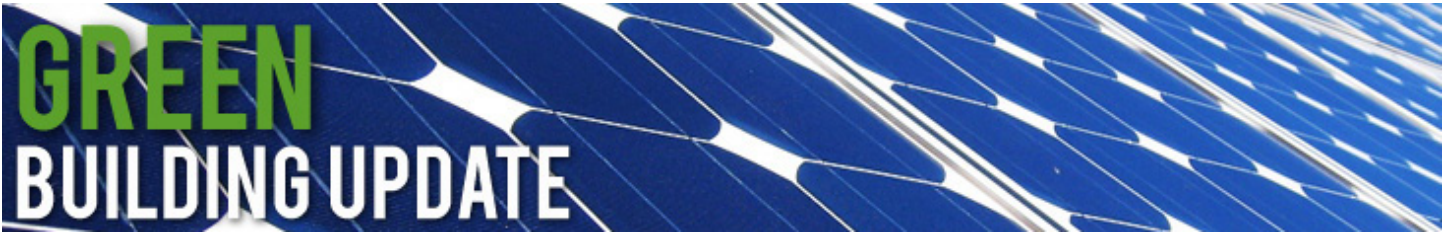
Brentwood School - Nov 30

Four Gen7 green modular classrooms arrived at Brentwood School in Los Angeles, Calif. Each Zero Net Energy classroom is powered by roof-mounted solar panels and will generate enough energy every year to cover 100% of their electricity usage. The classrooms, which are constructed entirely from recycled materials, have other sustainable features, including: (1) an ultra-tight, high R-value building envelope; (2) a high-efficiency mechanical system; (3) a smart lighting system; (4) large low-E view windows and skylights; (5) light and occupancy sensors; and (6) an outdoor ventilation system.

Green Builder House Plans offers energy-efficient house plans

PR Web / Green Builder House Plans - Nov 30

Green Builder House Plans is a new website featuring a collection of green house plans, including ENERGY STAR approved house plans, for consumers and builders. Most of the plans are available in PDF and CAD formats. The website also features green building tips, articles about interior design and the latest in HVAC equipment and energy efficient appliances.



WPL Publishing offers LEED Green Associate exam webinars

PR Web / WPL Publishing - Nov 30

WPL Publishing will kick off a four-part webinar series to help people prepare for the LEED Green Associate exam. The series, which starts Dec. 6 and ends Dec. 15, is intended to bridge the gaps between other exam preparation resources, such as the USGBC's Green Building & LEED Core Concepts Guide and LEED Green Associate Study Guide. The webinar will cover green design, construction and operations as well as energy efficiency, indoor environmental quality, stormwater management and other topics involving LEED and green buildings.

Green Building Projects

Hines building earns LEED Gold

Hines - Dec 15

Hines' 92,915-square-foot, three-story office building located in the Woodland Hills/Warner Center, building at 5820 Canoga Avenue, earned LEED Gold and the ENERGY STAR® label and features (1) energy efficient lighting with reduced mercury content; (2) green cleaning products and practices; (3) reduced nighttime light pollution; (4) low-flow fixtures and dual-flush handles; (5) recycling resulting in 84% waste diversion; and (6) 100% participation in the Hines GREEN OFFICE for Tenants program, which promotes sustainability in tenant spaces.

Philadelphia duplex earns LEED-Homes Platinum

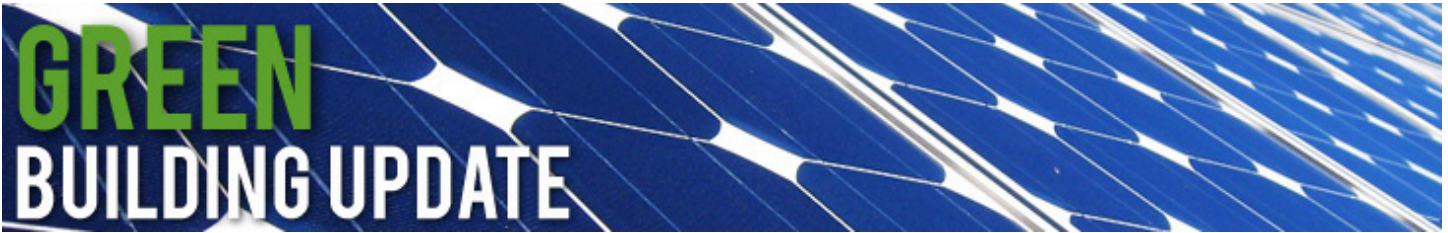
Smart Planet - Dec 8

Thin Flats, an urban infill project in the Northern Liberties section of Philadelphia, Penn. is the first duplex building to be certified LEED-Homes Platinum in the U.S. The buildings, which are almost 70% more energy efficient than required by code, incorporate many green features, including: (1) solar thermal panels; (2) green roofs; (3) rainwater harvesting cisterns; (4) low-flow faucets and fixtures; (5) double pane, low-E, argon filled, thermally broken windows and doors; and (6) radiant in-floor heating.

Utah Orthopaedics completes LEED Platinum building

Business Wire / Big-D Construction - Dec 8

Utah Orthopaedics' medical office building, located in Ogden, is the first LEED Platinum medical office building in the Rocky Mountain West and the seventh LEED Platinum project in the state. The office building incorporates many sustainable features, including (1) high-efficiency lighting; (2) a photovoltaic electrical system; (3) a variable refrigerant flow system; (4) solar hot water; (5) a high-performance building envelope; and (6) daylighting. All of these features will allow the building to exceed federal energy efficiency standards by nearly 30%.



CSUSB building earns LEED Gold

World Interior Design Network - Dec 9

The Palm Desert Health Sciences Building of California State University San Bernardino's (CSUSB) Palm Desert Campus received LEED Gold certification. The building's green features include: (1) 500kW of photovoltaic panels on the roof and over parking canopies; (2) energy-saving fluorescent lamps; (3) photo sensor-controlled dim electric lights; (4) low-flow pressure-assist toilets; (5) ultra-low flow lavatory faucets with photovoltaic cell-stimulated touchless sensors; and (6) low-VOC paint, carpet, particleboard, adhesives and sealants.

CSUN's VPAC earns LEED Gold certification

Daily Sundial - Dec 7

The Valley Performance Arts Center (VPAC) earned LEED Gold certification, making it California State University Northridge's first certified eco-friendly building. The VPAC's sustainable features include: (1) a displacement ventilation system; (2) reflective roof surfaces; (3) energy-saving lights; (4) tinted windows; and (5) drought-tolerant plants.

National Grid's Northborough facility earns LEED Gold

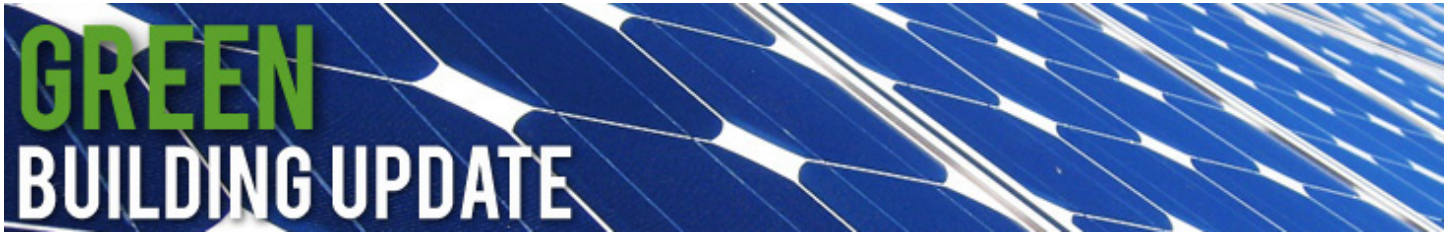
readMedia / National Grid US - Dec 5

National Grid's recently renovated facility in Northborough, Mass. has earned LEED Gold certification for Commercial Interior. The facility's green and energy-efficient features include: (1) lighting that uses approximately 30% less electricity than a typical commercial office building in the state; (2) high-efficiency heating and cooling systems; (3) water conservation measures including dual-flush toilets, automatic sensor faucets and waterless urinals; (4) low-VOC adhesives, sealants, paints and coatings; and (5) 86% of appliances and office equipment are Energy Star-rated.

CU's Williams Village North earns LEED Platinum

University of Colorado at Boulder - Dec 20

Williams Village North, a 500-bed residence hall at the University of Colorado Boulder, received LEED Platinum certification, making it the first of its size in the nation to rank at that level. The hall's green features include: (1) solar panels providing 12.5% of its energy; (2) free water bottle filling stations; (3) low-flow water fixtures; (4) energy-efficient lighting with daylight harvesting; (5) advanced heat-recovery systems; and (6) low-VOC materials.



Volkswagen plant in Chattanooga earns LEED platinum

PR Newswire / Volkswagen - Dec 1

Williams Village North, a 500-bed residence hall at the University of Colorado Boulder, received LEED Platinum certification, making it the first of its size in the nation to rank at that level. The hall's green features include: (1) solar panels providing 12.5% of its energy; (2) free water bottle filling stations; (3) low-flow water fixtures; (4) energy-efficient lighting with daylight harvesting; (5) advanced heat-recovery systems; and (6) low-VOC materials.

SFO Terminal 2 earns LEED Gold

SF Appeal - Dec 2

San Francisco International Airport's Terminal 2 has been awarded LEED Gold and is the first airport facility in the U.S. to achieve the ranking. The terminal, which is 15% more energy efficient than California's building code requires, has many sustainable features, including: (1) plumbing fixtures that are 40% more efficient; (2) reclaimed water; (3) skylights; (4) floor-to-ceiling windows; and (5) all containers and packaging used by organic and local food vendors are required to be made from recycled materials.

WKU's Ransdell Hall earns LEED Gold

Western Kentucky University - Nov 29

Western Kentucky University's Gary A. Ransdell Hall earned LEED Gold certification, making it the university's first LEED-certified building. Its many sustainable features include: (1) access to public transportation; (2) low-flow plumbing fixtures; (3) recycled materials; (4) regional materials; (5) highly insulated walls; (6) highly efficient heating and cooling; (7) water efficient landscaping; (8) reflective roof; and (9) reflective coating on the parking lot.

CMU's Gates and Hillman Centers earns LEED Gold

Carnegie Mellon University - Nov 29

Carnegie Mellon University's Gates Center for Computer Science and the Hillman Center for Future-Generation Technologies have been awarded LEED Gold certification, joining the university's 10 other LEED-certified buildings. The buildings' sustainable features include: (1) a rainwater and snowmelt collection system; (2) a ventilation system that uses rotary heat exchangers; (3) occupancy sensors to help control lighting and temperature; (4) 15% recycled building materials; and (5) 30% locally-manufactured materials.

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