

The Masonry Society

Sustainability E-News

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SPONSORED EDITION

From the Editor

As has been mentioned before, the revision process for LEED 2012 has been controversial. So much so, that the U.S. Green Building Council (USGBC) has announced an unprecedented 4th public comment period which will be open May 1 to May 15. So act fast, if you want to have input on the final version. USGBC still plans to ballot the final version in June. See the article below for more information.

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NOTE: *Inclusion in this newsletter is not an endorsement of the products and materials featured, nor have these products been evaluated by TMS or the editor. Furthermore, the views expressed in the articles featured are those of the article authors.*

USGBC/LEED/IGCC NEWS

LEED 2012: Fourth Public Comment Period to Open May 1

[LEED 2012](#), the next version of the LEED green building program, will be open for 4th public comment from May 1 to May 15. The draft of LEED 2012 will incorporate final technical revisions based on public comment feedback, and will incorporate credit requirements that have been positively impacted by credit documentation development. Once the comment period process concludes, LEED 2012 will be balloted from June 1 until June 30, and launch in November. [Learn more »](#)

Toronto, Canada, to Host Canada Green Building Council Conference

The full program is now available for the [Canada Green Building Council's \(CaGBC\) National Conference and Expo](#) taking place in Toronto from June 11-13. This annual event brings together speakers and over 30 continuing education sessions with over 1,000 attendees and an expo with more than 100 booths.

ICC Announces Publication of the International Green Construction Code

The [2012 International Green Construction Code](#) is now available for jurisdictions to adopt and enforce. The model code for constructing and remodeling buildings is expected to make buildings more efficient, reduce waste, and have a positive impact on health, safety and community welfare. The IgCC will increase the energy-efficiency of structures, while providing direction and oversight of green design and construction. [ASHRAE: Standard 189.1 is Deemed Compliance Option for IgCC.](#)

PRODUCT NEWS

The clay roof tile that "eats" smog is another example of innovation with traditional products. Other companies have proposed similar strategies with masonry cladding materials. Read more below. ~Tina

Clay Roof Tile Named to Most Innovative New Products List

Page 12 of [Green Building Product Dealer Winter 2011 edition](#) features Boral Roofing's Smog-Eating Tile, a clay roof tile, as one of "The Most Innovative New Products of 2011".

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BASF's New Software Helps with Sustainability of Concrete

BASF's "Life Cycle Analyzer" aims to provide sustainable solutions to enhance concrete's characteristics. The software can analyze concrete profiles based on indicators such as Global Warming Potential, Primary Energy Demand or Acidification Potential. Read more at GoStructural.com.

Concrete Joint Sustainability Initiative

NCMA's e-News Brief reports that the Concrete Joint Sustainability Initiative met in Chicago on April 18. This organization contains multiple different players in the concrete industry, all who are focused on sustainable design. The largest topic focused on was how to incorporate the resilient design concept as a green design criterion. This organization gives the opportunity for NCMA to partner with other concrete associations and develop sustainable solutions for contractors, designers and manufacturers. More information can be found on the CJSI website, <http://www.sustainableconcrete.org/>.

Middleweight Concrete: Sustainable Concrete of the Future?

"A concrete with mechanical properties equal to or better than conventional normalweight concrete, but weighing 20% less is a big deal," writes Ken Bondy, a consulting structural engineer and member of the ACI Standard Building Code Committee. In this [piece](#) from STRUCTURE magazine, he explores the composition of the material and explains how using it can reduce costs and improve sustainability.

GREEN BUILDING NEWS

The first link in the section features an unusual masonry project – one focused not only on sustainability but also affordability and durability – an all-brick house built in a traditional fashion. ~Tina

Building a Custom, Multi-Century House for Under \$80 a Square Foot

[This article](#) in PlaceShakers and NewsMakers talks about building an all-brick house in a traditional fashion. "We're building a house, brick by brick, to prove an idea: That traditional, structural masonry, applied in particular key ways, can become a practical remedy for a host of contemporary challenges: Sustainability. Rising energy costs. Housing affordability." Check out their website at <http://hopeforarchitecture.com/>.

2012 AIA COTE Top Ten Projects Announced

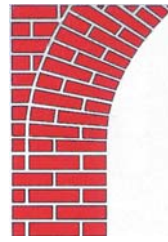
The American Institute of Architects (AIA) Committee on the Environment (COTE) has announced the [2012 COTE Top Ten Green Projects](#). Three of the 10 AIA COTE winners feature brick masonry: [Portland Community College](#), [Kensington High School for the Creative and Performing Arts](#), and [Music and Science Building](#).

Concrete Masonry Helps Minimize Damage When Buildings Catch Fire

Fire-resistant buildings contain a variety of components, and the use of concrete masonry is important to minimizing fire damage, according to [this article](#). The Waterloo College Hall in Toronto is a good example of how concrete can be integrated for a "balanced design" system that meets fire-safety requirements in construction projects, according to the article.

Bank's LEED-Certified Branches Outperform Peers

Does the business performance of green workplaces exceed that of non-green workplaces? A new study by University of Notre Dame management professors Edward Conlon and Ante Glavas shows that financial performance in Leadership in Energy and Environmental



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Design-rated bank branch buildings of PNC Financial Services Group exceeds that of its non-certified properties according to [this article](#).

BUSINESS NEWS

Reading about what other companies are doing can spark ideas and demonstrate what's possible. -Tina

Measure Your Way to CSR Success, Says General Mills Exec

General Mills is working to measure its Corporate Social Responsibility (CSR) programs across a range of metrics, including water, waste, packaging and employee engagement, writes CSR director Catherine Gunsbury. That helps keep the company focused on its sustainability goals and deadlines, Gunsbury writes [in this blog](#). "We like measurements," she adds. "What is measured generates results."

How Going Green Saved Intel \$23 Million a Year

Intel has launched more than 1,500 green-business and energy-efficiency projects since 2001, allowing the company to reduce its average annual energy bill by about \$23 million, says CSR strategy chief Suzanne Fallender [in this article](#). Now the tech giant hopes to find new savings by focusing on greening its supply chain. "Success for me means that CSR continues to become more integrated into different parts of the company," Fallender said. "So it's not just about our own manufacturing operations, but our supply-chain organizations."

EDUCATION

TMS 2012 University Professors' Masonry Workshop

The Masonry Society's University Professors' Masonry Workshop (UPMW) is rapidly approaching. The UPMW will be held on May 12-14 at California Polytechnic State University in San Luis Obispo, California. The workshop will feature classes on a variety of topics including durability and sustainability of masonry. To learn more about the UPMW, visit <http://masonrysociety.org/html/education/workshops/UPMW/index.htm>.

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