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The Masonry Society

Sustainability E-News

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SPONSORED EDITION

From the Editor

This edition comes to you as the voting period for LEED v4 comes to a close. LEED v4 will bring many changes in the area of Materials and Resources – are you ready for them? As the first article below points out, many of the new requirements found in LEED v4 are still not yet well defined. However now is the time to learn about these requirements, before LEED v4 is fully implemented. The links below also include an opportunity to serve on the U.S. Green Building Council's (USGBC) Board of Directors. If you'd like to try to get more involved on a national level, you can nominate yourself for a position.

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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 NEWS

While the ballot for the newest version of LEED may be closed by the time you read this, I thought the first article below was still worth including. It discusses some of the pros and cons of LEED v4. Check it and other USGBC news out below. ~Tina

LEED v4 Ballot: The Case For and Against

LEED USER

Still trying to figure out how to vote for your firm? Or just an interested bystander? Here's how LEEDUser sees the pros and cons of the LEED v4 ballot. [Read more.](#)

Letter from Rick Fedrizzi: Looking Back on 20 years of LEED USGBC

For the first time, this annual report is not just a look back at the previous year – it's a look back at the last 20 years. Read the [USGBC 2012 Annual Report](#).

Be a Leader: Join the USGBC Board of Directors

USGBC

Take part in shaping USGBC's strategic direction and nominate yourself for the 2014 Board of Directors. There are six open

Sponsors of TMS's Sustainability E-Newsletter

Click on the links below to find out more about each of these organizations who have graciously sponsored this E-Newsletter. Sponsors designated with an Asterisk(*) are also TMS Members at the following levels:

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Platinum Level

seats on the Board to fill by member election. [Learn more](#). The self-nomination period will be open from July 1-30, 2013.

Greener Options for the Manufacturing Sector

USGBC

The LEED Manufacturing User Group's goals are simple--establish a collaborative community to identify, share and publicize the best-known methods related to the design, operations and maintenance of green manufacturing facilities. This peer group offers an opportunity for participants to connect and collaborate with the manufacturing community. Platinum members of USGBC are eligible to participate in the group, or participation can be purchased annually. For more information [click here](#).

Hillary Rodham Clinton to Keynote Greenbuild

ECOBUILDING PULSE

The former Secretary of State will open the 2013 Greenbuild International Conference and Expo in Philadelphia according to this [article](#).

GREEN BUILDING NEWS

As frequent readers know, sometimes the articles featured here express views contrary to popular opinion, or views I don't hold myself. But I think we can learn from others' ideas, even if we don't agree with them at first. Take the article on tall buildings below...I'm not sure I agree with the author, but it is something to think about. What are your thoughts? ~Tina

Eight Green Building Trends

GREENBUILDTV

A new report highlights ideas such as building performance disclosures, green remodeling, and extreme water conservation. [Read more](#) about eight areas where the strongest growth is predicted.

10 Green Building Practices on the Rise

CONSTRUCTION DIGITAL

Sustainable practices are expected to become more widespread in the building industry over the coming years as companies seek to minimize the environmental impact of their materials and building methods, writes Stanley Jackson. [In this article](#), he lists 10 trends he sees as gaining traction this year, including the use of solar panels, green roofs and the drive to meet green standards.

Building Tall is "The Most Sustainable Thing" One Can Do

DESIGN BUILD SOURCE

As the population of cities continues to increase, building tall appears to be the way to go, according to many experts. Tall buildings are "ethical in dense areas," but their designs must include green public space and amenities to strike a balance with density, [this article](#) notes. "Quite frankly, the most sustainable thing you can do is build tall and dense and leave the rest to nature," said Gregg Pasquarell, a director at SHoP Architects/SHoP Construction.



[Concrete Masonry Association of California and Nevada](#)***



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Gold Level



[Masonry Institute of America](#)***



Silver Level

PRODUCT NEWS

One of the links below is for another article on Roman concrete which was first discussed in the last edition of Sustainability E-News. I've included this particular link because it is also contains a link to the actual report. ~Tina

Ancient Roman Concrete Is About to Revolutionize Modern Architecture

Bloomberg Businessweek

After 2,000 years, a long-lost secret behind the creation of one of the world's most durable man-made creations ever—Roman concrete—has finally been discovered. Read the article with a link to the actual report [here](#).

Growing Bricks

ARCHITECTURAL RECORD

An American architecture professor at a university in the Middle East is developing an energy-saving way to make bricks using bacteria known for its ability to solidify sand according to [this article](#). Ginger Krieg Dosier, assistant professor of architecture at the American University of Sharjah in the United Arab Emirates, has developed a method that involves filling a form with alternating layers of sand and a solution containing urea, calcium chloride and the non-pathogenic *Sporosarcina pasteurii* (or *Bacillus pasteurii*). Within a few days, a chain of chemical reactions yields a mineral growth that seeps between the grains of sand and “biocements” them together into a brick. [Here](#) is a link to her recent talk in Abu Dhabi.

EDUCATION / EVENTS

Call for Abstracts

The 9th International Masonry Conference will be held in Guimarães, Portugal in July 7-9, 2014, as a joint initiative from the University of Minho and the International Masonry Society. The deadline for the submission of abstracts is June 30, 2013 through the conference website (www.9imc.civil.uminho.pt).

Sustainability and Structural Engineering Research Summary Available

The Institute for Sustainability and Innovation in Structural Engineering (ISISE) has issued the [triennial report 2010-2012](#). ISISE is a Research, Development and Innovation Unit created in 2007 that involves the Structural Engineering Groups of the universities of Coimbra and Minho, Portugal. [Editor's note: This is a large download and may take some time to load. The report contains summaries of the sponsored research, several relating to innovations with building materials.]

Sustainability Webinars Available

The Alliance for Environmental Sustainability has a number of





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Bronze Level





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