

The Masonry Society

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SPONSORED EDITION

From the Editor

In a foreshadowing of what may become more common, the city of Baltimore will repeal its requirement for LEED Silver certification for new non-residential construction and replace it with a requirement for all new construction and "repairs, additions, or alterations" to meet the 2012 International Green Construction Code (IgCC) with some modifications. With the recent MOU between the organizations that sponsor LEED, the IgCC, and ASHRAE 189.1, we may start to see more adoptions of the IgCC. You can read more in the links below.

As a reminder, it's not too late to become a 2015 Sponsor of Sustainability E-News. Your support is essential. [Contact the TMS office](#) for more information. I would also encourage you to subscribe directly to Sustainability E-News, by [clicking here](#).

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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.

CODES and STANDARDS NEWS

Three new pilot credits in LEED try to tackle one of the elements of sustainability missing from LEED - social equity. Check out the links below to learn more. ~Tina

Baltimore Adopts 2012 IGCC

GREEN BUILDING LAW UPDATE

Recently the Baltimore City Council adopted the International Green Construction Code 2012 as an overlay to the City's building, fire and related codes. As progressive as this bill is, it should not be lost that Baltimore is representative of a very limited number of jurisdictions mandating new construction and renovation of both private and public buildings must be green. [Read more](#).

2014 ASHRAE 189.1 Now Available

GREEN BUILDING LAW UPDATE

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:

- *** designate Sustaining Members
- ** designate Affiliate Members
- * designate that at least 1 person is an Associate or Professional Member of TMS.

Platinum Level

2014 version of the ASHRAE 189.1 Green Building Standard has been published and is now available for use. The 2014 standard incorporates 67 addenda, reflecting changes made through the public review process since the standard was last published in 2011. To learn more, [click here](#).

LEED Adds Social Equity Credits to Rating System

ARCHITECTURAL RECORD

If sustainability is a three-legged stool of environmental, economic, and social performance, then LEED is a bit wobbly: historically, the rating system has not taken on community welfare with the same breadth and depth as it has climate change and resource conservation. Now three pilot credits for LEED v4 have been introduced. Read more in this [Architectural Record article](#) or in [this piece](#) by PE International.

Green Programs to Harmonize Tools

The Harmonization Task Group (HTG), which includes HPD Collaborative, Cradle to Cradle Products Innovation Institute, GreenScreen/Clean Production Action, Healthy Building Network announced at Greenbuild the development of common language, new technology and tools to increase designer, manufacturer, and non-government organization collaboration. The HTG formally announced creation of its Application Programming Interface (API), as the first deliverable. The API is a system for sharing published HPD data with product assessment programs and libraries. The API will increase uniformity of data shared by manufacturers and simplify distribution. Pharos and Google's Healthy Materials Program will formally beta test the API beginning on December 3rd 2014. Rollout to other partners will begin in early 2015. [Read more](#).

GREEN BUILDING NEWS

Commentary: Sustainability is Not About Technology

SOURCEABLE

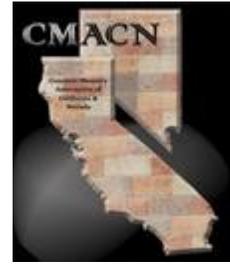
According to a national sustainability leader in Australia, sustainability is about common sense and not technology. Alhambra, a palace built by the Moors in Spain in the ninth century, integrated the natural environment into the design. Building information modeling can now help builders easily integrate the environment into the design. To read more, [click here](#).

GREEN BUSINESS NEWS

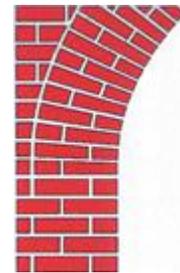
New Office Guidelines to Green the Workplace

USGBC.ORG

Looking to introduce environmentally friendly policies into your workplace? The USGBC Maine Chapter recently created a [Green Office Guidelines and Workbook](#), which offers strategies related to sustainable practices in the areas of purchasing, electricity, water, heating, transportation/commuting, waste management, and social responsibility. [Read more](#).



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



[Western States Clay Products Association](#)***

Gold Level



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



How to Write a Hard-Hitting CSR Report

THOMASNET NEWS

The best CSR reports don't pull their punches, writes Paul Leavoy in [this article](#). That means acknowledging mistakes and shortcomings, and using hard data to back up your claimed successes. "While there's nothing wrong with adding color and context to our achievements, we always have to fall back on hard data," Leavoy writes.

PRODUCT NEWS

The article on a "Complete Wall System" below caught my eye, not because the materials were new, but because they weren't! According to the article, one manufacturer has brought together all the components of a brick veneer wall system into one package, selling the wall as a system - certainly a new approach to masonry construction. It's something that has been talked about many times over the years, but this is the first time I've seen it done. ~Tina

Watershed Materials Working on Low-Cement Concrete Blocks

THE PRESS DEMOCRAT (SANTA ROSA, CA)

California-based Watershed Materials is working to develop concrete blocks made with no cement. The company has already created its Watershed Block, using only 5% portland cement, supplementing it with other material such as slag, fly ash, rice hull ash and silica fume. It's now at work to develop a press that would further reduce the amount of cement needed. The ideal press would apply "compressive forces so great as to actually lithify mineral grains, turning loose sediment into stone." [Read more](#).

Cement Substitute, Ferrock, Said to be Carbon Negative

GEEK.COM

Carbon-negative Ferrock, developed from iron carbonate that is created from a reaction of waste steel dust with carbon dioxide and rusts, could become a cement substitute as a concrete binder according to [this article](#). It is reportedly able to withstand more compression, flexing and bending before it breaks.

The Green Police Break Down a Complete Wall System

ECOBUILDING PULSE

Michael Anschel and Carl Seville agree that wall systems are great. In [this segment](#) they look at the components of CavityComplete, a new commercial wall system from Owens Corning.

Pavers Designed for Drainage

HARDSCAPE MAGAZINE

The ability to collect stormwater for reuse has made permeable systems more popular in areas of Texas facing record drought. [Read more](#).

EDUCATIONAL NEWS



**

Silver Level





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PumpMaster
MASONRY GROUT PUMP

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Bronze Level



For information on how you can become a sponsor, please contact the [TMS office](#).

TMS Sustainability Brochure Now Available

THE MASONRY SOCIETY

TMS has announced the publication of a new brochure, "Masonry Is Sustainable" that discusses the many "green" aspects of masonry, beyond just LEED requirements. A link to the new brochure can be found [here](#).

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