

The Masonry Society

Sustainability E-News

July 31, 2014

Volume 6, Number 14

SPONSORED EDITION

From the Editor

This edition continues the theme of energy efficiency. The Urban Green Council, the New York chapter of the U.S. Green Building Council, has published several reports examining building envelopes. They conclude that largely glass enclosures waste energy and are unsustainable. A link to their latest report is featured below. I also encourage you to take a look at the other reports on their [website](#), as described here: "[Seduced By the View](#) shows how occupants of all-glass buildings keep their blinds drawn the majority of the time, and [Baby It's Cold Inside](#) explains how glass buildings would quickly lose heat in winter and rapidly heat up in the summer in the event of a sustained power outage."

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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 RATING SYSTEMS NEWS

It seems to me that there is something wrong with a system that allows for building envelopes to be constructed in a way that they are less energy efficient than buildings 100, or even 1,000 years old! What is encouraging to me is that it is a chapter of the USGBC producing this latest report. They are not afraid to ask the tough questions. Read more below.
~Tina

Current Code Sets New Buildings On Unsustainable Path

EDC MAGAZINE

Urban Green Council, the New York chapter of the U.S. Green Building Council, released [High Cholesterol Buildings](#), a report outlining the long-term problems caused by subpar walls, windows and roofs, also known as a building's "envelope." Some buildings under-perform those built 1,000 years ago. [Read more.](#)

Changes in the 2012 IECC

WDPA.COM

The 2012 IBC will require the implementation of the 2012 International Energy Conservation Code (IECC) which has incorporated more stringent performance requirements than the previous edition for new and

Sponsors of TMS's Sustainability E-Newsletter

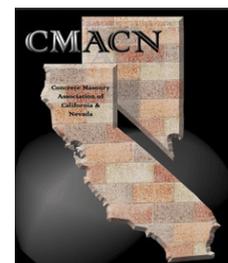
Click on the links below to find out more about each of these organizations who have graciously sponsored this E-Newsletter. Sponsors designated with an Asterisk(*) are also TMS Members at the following levels:

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[Concrete Masonry Association of](#)

existing buildings. Click [here](#) to download WDP's Information & Insight on the Changes to the 2012 International Energy Conservation Code (IECC).

Update to LEED for Homes Approved

USGBC.ORG

Beginning on Oct. 1, 2014, newly registering LEED for Homes projects will be asked to meet the new requirements. This update only affects [EA credit 1: Optimize Energy Performance](#).

- The update changes the threshold so that projects using LEED for Homes v2008 need to earn a minimum of 13 points in the Energy and Atmosphere (EA) section for climate zones (CZ) 1-5, or 9.5 points for CZ 6-8.
- Projects will need to achieve a Home Energy Rating System (HERS) score of 70 or lower, or earn the equivalent number of points in the prescriptive path.

[Read more.](#)

LEED Dynamic Plaque Could Maintain Performance of Green Buildings

GREENBIZ.COM

The Leadership in Energy and Environmental Design (LEED) Dynamic Plaque could encourage certified buildings to maintain performance through up-to-date information about its use of water, energy, reduction of waste and others. The plaque could provide property managers with information about a building's performance and allow them to undertake improvements that could increase the LEED score. It could encourage more interaction with occupants and industry players on a building's LEED status, [this article](#) notes.

Architects to Help Promote NIBS Performance-Based Guide

EDC MAGAZINE

The AIA has agreed to support a new performance-based guide developed by the National Institute of Building Sciences (NIBS). The National Performance-Based Design Guide (NPBDG) is the first broad-reaching performance-based tool for use by facility owners and building industry professionals. [Click here](#) to learn more.

Athena Impact Estimator Software Updated

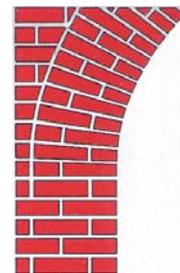
DAILY COMMERCIAL NEWS

Athena Sustainable Materials Institute has unveiled its free and updated Impact Estimator software package. The software helps architects and builders take into account a building's life cycle analysis, and could aid projects in achieving a number of green-standard

[California and Nevada](#)***



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Gold Level



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certifications, [writes Korky Koroluk](#).

PRODUCT NEWS

The Benefits of AAC

TriplePundit.com

The use of autoclaved aerated concrete blocks (AAC) has multiple benefits, writes Sarah Lozanova. In [this piece](#), she outlines some of them, including its lightness, durability, energy-efficiency and resistance to fire.

GREEN BUILDING NEWS

A new brick clad dormitory in North Carolina achieves Green Globes certification under their updated version. Check out the link below. ~Tina

Who Owns the LEED Project Documentation on Your Project?

GREEN BUILDING LAW UPDATE

A case filed last week in a California court is a prime example of the importance of contract documents in a LEED project. Do you know who owns the LEED documentation on the project you are working on?

[View the entire entry](#).

Materials and Waste Management Improve Sustainability for Green Buildings

FINANCE and COMMERCE

Proper practices in managing a construction job site, materials and waste could increase sustainability for green building projects. [This article](#) mentions five techniques that could streamline the construction process while making the most out of building materials and reducing waste.

Green Globes Certification of UNC Charlotte's Belk Hall

THEGBI.ORG

The Green Building Initiative has announced that the University of North Carolina-Charlotte's Belk Hall, a student housing facility for the college's upper division students, is the first building certified under the updated Green Globes for New Construction (NC) program. Belk Hall achieved 507 out of 918 available points for a score of 55 percent, which is equivalent to a 2 Green Globes rating. This brick clad dormitory earned the maximum credit in the life cycle assessment performance path for core and shell materials. In addition, Belk Hall's design team also developed a Building Life Service Plan, which sets the stage to

Silver Level



Bronze Level



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optimize the entire building life cycle, ultimately assisting the building's future managers in maintaining and improving sustainability over time. Read the full project profile [here](#).

EDUCATIONAL OPPORTUNITIES

TMS Annual Meeting

The Masonry Society's Annual Meeting will be held in Scottsdale, AZ from October 10 - 14. In addition to committee meetings, General Education Sessions will be held on Saturday, October 11. Topics include EPDs, seismic design, Direct Design, storm shelters, and more. Other educational opportunities include Masonry Testing training and certification programs, and LEED v4 for Manufacturers. To learn more, visit the [TMS website](#).

Webinar: 10 Things You Should Know about LEED

GBRI

Learn the 10 most important changes and policies LEED professionals need to know about v4.0 in this [free webinar](#).

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