

**From:** Susan Scheurer <tmsmeetings@masonrysociety.org>  
**Sent:** Friday, March 15, 2013 10:29 AM  
**To:** info  
**Subject:** TMS Sustainability E-Newsletter, Vol. 5, No. 5

## The Masonry Society

### *Sustainability E-News*

March 15, 2013

Volume 5, Number 5

**SPONSORED EDITION**

#### From the Editor

As mentioned last month, you can now submit comments on LEED v4 until March 31. The credits on Materials and Resources continue to be refined. Of particular interest are the credits on building product disclosure and optimization. These can also be found as [Pilot Credits](#) for use on current LEED projects. Check out the links below to read more about the proposed credits and submit comments yourself.

Last month I also asked if your company taken any steps toward sustainability. Thanks to New Holland Concrete, a manufacturer of concrete block, architectural concrete masonry units, segmental retaining walls, ready mix concrete, and other construction products, who [shared their experience](#) with installation of a solar field. If you have news you want to share on how your company is "greening" your business, please [contact me](#).

Christine "Tina" Subasic, PE, LEED AP  
[CSubasicPE@aol.com](mailto:CSubasicPE@aol.com)

*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.*

#### **LEED NEWS**

The revisions to the Material and Resources credits in LEED v4 certainly raise the bar for most manufacturers. To be included in [building product disclosure and optimization credits](#), manufacturers must provide product certifications or product disclosures, depending on the credit. Regional preference is part of the weighting found within the credits. The first article below provides a good summary of the proposed MR credits. ~Tina

#### **Life Cycle & LEED: Out Now in EDC's January Issue**

##### **ENVIRONMENTAL DESIGN AND CONSTRUCTION**

The link in [this article](#) discusses the role of life cycle assessment and environmental product declarations (EPD) in LEED v4 and provides a good summary of the proposed Material and Resources credits.

#### **New and Updated Pilot Credits**

USGBC

#### **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**

The LEED [Pilot Credit Library](#) has been updated with 10 new, and 14 modified, pilot credits. There are now 46 active pilot credits available for LEED project team use under IDc1. Among those that correspond to credits proposed in LEED v4 are:

[PC76: MR - Material ingredient reporting \(MRc4 Option 1 in v4 draft\)](#) and

[PC77: MR - Material ingredient optimization \(MRc4 Option 2 in v4 draft\)](#)

### **LEED v4 Public Comment: Refining the System**

USGBC

The last step in the development process is one final public comment period; open March 1 – March 31, 2013. This comment period will focus on refinement (both in the credit language and in calculations) and provides the public with one last chance to give feedback on the system before the member vote in June. Visit [usgbc.org/leedv4](http://usgbc.org/leedv4) during March to view the changes and participate in the comment period.

### **Update of LEED Program Scrutinized by All Sides**

ASCE

The update of the U.S. Green Building Council's Leadership in Energy and Environmental Design program, originally scheduled to be released last year, is still being debated by everyone concerned. See why it's facing a challenge, in this Civil Engineering [magazine article](#).

## **GREEN BUILDING NEWS**

You don't often hear much about the other "legs" of sustainability, namely the socio-economic impacts. The first article below discusses a new guide by the World Business Council for Sustainable Development to aid companies in this regard. Check out the link below as well as the webinar (under EDUCATION) for more information. ~Tina

### **What Gets Measured Gets Managed - WBCSD Launches Guide on Measuring Socio-Economic Impact**

In February, the World Business Council for Sustainable Development (WBCSD) launched a guide aimed to support companies' efforts in tackling the challenge of measuring their socio-economic impacts. The Guide is available for download at <http://www.wbcd.org/impact.aspx>.

You can also read more by viewing these two related articles: [Measuring socio-economic impact : Tackling some tough questions](#) by Next Billion, and the Business Fights Poverty blog,

### **A Green Roadmap**

MODERN STEEL CONSTRUCTION

The article, ["A Green Roadmap"](#), by John Cross, in the Feb 2013 Modern Steel Construction provides a good overview of the various green building codes, standards, and rating systems. Many of his tips on "what should fabricators know?" also apply to masonry producers and contractors.



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



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

Gold Level



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



Silver Level

## Most Construction Firms Expect to Build Green by 2015

### ENVIRONMENTAL LEADER

Construction firms across the world expect 60% of their projects to be environmentally friendly by 2015, according to the SmartMarket Report of McGraw-Hill Construction. About 51% of the respondents expect most of their work to be green in 2015, up from 28% who reported the same in 2013 and up from 13% in 2008. The reason driving green building shifted from "doing the right thing" in 2008 to client and market demand in 2012, according to [this article](#).

## Green Schools Report Health and Productivity Benefits

### ECO-STRUCTURE

Sustainable educational facilities provide improved student well-being, higher test scores, and greater teacher satisfaction. [Read more](#).

## Report: Green Buildings Offer a Wide Range of Benefits

### DAILY COMMERCIAL NEWS

Green buildings can offer benefits to a wide array of stakeholders throughout their life cycle, according to a report released by the World Green Building Council. "From risk mitigation across a building portfolio and city-wide economic benefits, to the improved health and well-being of individual building occupants, the business case for green building will continue to evolve as markets mature," said Jane Henley, CEO of WorldGBC, in [this piece](#).

## PRODUCT NEWS

In case you haven't seen this yet, another link to an article and short video on masonry permeable paving systems – this time with a focus on installation. ~Tina

## Amazing Brick Machine Rolls Out Roads Like Carpet

### INHABITAT

The device rolls out a beautiful and sustainable hardscape, creating an instant road anywhere it travels. While the process may look magical, the secret lies in a smartly designed gravity-based system. [Check it out](#).

## EDUCATIONAL OPPORTUNITIES

### Measuring Socio-Economic Impact: The Business Perspective

Co-hosted by WBCSD U.S., Inc. and the Aspen Network of Development Entrepreneurs

This event aims to facilitate discussion of the challenges faced by companies in measuring, managing and communicating the socio-economic impacts of their operations. Participants will share real examples of how business and the development communities are currently tackling these challenges, and generate ideas on how to improve and better integrate this practice. Wednesday, March 27, 2013, 9-11:45am; The Aspen Institute - One Dupont Circle NW, Ste700 Washington, DC



\*\*\*



\*\*



\*\*

### Bronze Level



\*\*\*



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

20036. For more information or to RSVP, please contact Jessica McGlyn at [mcglyn.us@wbcasd.org](mailto:mcglyn.us@wbcasd.org).

### **Masonry Symposium –Abstracts Due April 4th**

#### **ASTM INTERNATIONAL**

Papers are invited for the Masonry 2014 Symposium to be held on Tuesday June 24, 2014 in Toronto, Canada. The Symposium is co-sponsored by ASTM Committees C01 on Cement, C07 on Lime, C12 on Mortars and Grouts for Unit Masonry, and C15 on Manufactured Masonry Units. To access the scope of the symposium, the publication requirements, and instructions to submit an abstract online, visit <http://www.astm.org/C07callforpapers>.

### **Sustainability Seminar at Structures Congress**

#### **ASCE**

The American Society of Civil Engineers (ASCE) has announced a Pre-Conference Seminar, "New Essentials for Your Sustainability Took Kit," to be held Wednesday, May 1st from 1:00pm -5:00pm in Pittsburgh, PA. Topics include life cycle assessment, disaster resilience, and thermal bridging. For more information about the Structures Congress and this pre-conference seminar visit the [Congress website](#).

To Subscribe, click [here](#).

To Unsubscribe, click [here](#).

To be a 2013 Sponsor, click [here](#).



Advancing the Knowledge of Masonry  
[www.masonrysociety.org](http://www.masonrysociety.org)