

The Masonry Society

Sustainability E-News

Sustainable Development

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SPONSORED EDITION

From the Editor

I recently came across a couple of articles that I felt did a good job of putting the sometimes complex language of sustainability into an easy to understand format. The [first](#) is a guide for businesses to implement sustainable development goals. It's easy to read, understand and use. The [second](#) is a 5-minute summary of building life cycle assessment in easy to understand terms. Both are found below in GREEN BUSINESS NEWS. I hope you find them useful too.

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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.

GREEN BUILDING NEWS

USGBC Releases Resilience Study on City of Boston

USBGC.ORG

The U.S. Green Building Council (USGBC) has released a resilience case study focusing on Boston. The study reviews the measures taken, lessons learned and challenges faced by the City of Boston in its work to create a truly resilient city. It is intended to be a tool in helping other cities enhance their own resiliency efforts. Read more [here](#).

Robot Uses Artificial Intelligence to Build With Legos

CONSTRUCTION DIVE

Autodesk has attached cameras and sensors to robotic arms to create the BrickBot machine, which uses artificial intelligence to adapt to its environment and complete tasks, such as construction of Lego structures. Developers now will collaborate with potential customers on specific uses, with the goal of scaling up the machine for construction sites and factories. Read [the article](#).

CODES and STANDARDS NEWS

You may be surprised to learn that ASHRAE publishes a number of Advanced Energy Design Guides meant to provide a simplified path to more energy efficient building designs. Their latest effort is focused on

Sponsors of TMS's Sustainability E-Newsletter

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

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- ** designate Affiliate Members
- * designate that at least 1 person is a TMS Member

Zero Energy Buildings. Check out the link below for more information.
~Tina

Advanced Energy Design Guide for Small to Medium Office Buildings - Achieving Zero Energy

ASHRAE.ORG

In partnership with AIA, IES, and USGBC and with support from the DOE, ASHRAE is developing a new series of Advanced Energy Design Guides focusing on achieving zero energy performance. The second guide in this series is now in development and focuses on small to medium office buildings. The 60% Technical Refinement Preliminary Draft for the Advanced Energy Design Guide for Small to Medium Office Buildings - Achieving Zero Energy will be available for review and feedback from Saturday, September 1, 2018 through Sunday, September 16, 2018. The review process instructions and input form as well as a copy of the document for review will be available for download starting on September 1, 2018 at www.ashrae.org/freeaedg.

Health Product Declaration Standard Updated

HPD COLLABORATIVE

The HPD Open Standard v2.1.1 Release has now been posted on the [HPDC Website](#). Full implementation is planned for mid-September coinciding with the completed upgrade of the HPD Builder to the v2.1.1 specification. Some of the key changes include Emerging Best Practices guidance when Special Conditions apply to selected materials and substances, and how manufacturers can characterize a Special Condition in a completed HPD. Importantly, HPDs developed using HPD-defined Special Conditions will be able to qualify for the key LEED v4 credit, "Building products disclosure and optimization: Material ingredients," Option 1. The HPD v2.1.1 release also harmonizes the various hazard screening tools used in evaluating products.

Revised Sound Transmission Standard Open for Public Comment

MASONRYSOCIETY.ORG

TMS' Design Practices Committee has proposed revisions to the *Standard Method for Determining Sound Transmission Ratings for Masonry Assemblies* (TMS 302) from its previous version published in 2012. Proposed revisions are largely administrative in nature and consist of:

- General updates to referenced standards;
- Clean-up and clarifications based on user input and Committee suggestions; and
- Reorganization for flow and clarity

For more information visit <https://masonrysociety.org/tms-302-public-comment-period-2018/>.

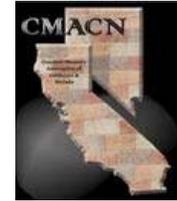
GREEN BUSINESS NEWS

A new guide for businesses which explains integrating sustainable development goals (SDGs) is a great resource for businesses looking to take the next step in "greening" their business. This easy-to-read guide, linked below, offers step by step instructions and is meant to be used in conjunction with the United Nation's [17 Sustainable Development Goals](#).
~Tina

Guide Assists With Reporting Sustainable Development Goals

SUSTAINABLE BRANDS

Platinum Level



Concrete Masonry Association of California & Nevada



Western States Clay Products Association

Gold Level



America's Cement Manufacturers™ **



Masonry Institute of America

Silver Level



Southeast Concrete Masonry Association *



**

Bronze Level

A guide from the Global Reporting Initiative and the UN Global Compact helps companies measure and report on progress toward sustainable development goals. "Integrating the SDGs Into Corporate Reporting: A Practical Guide" assists companies of all sizes with prioritizing SDG targets, creating related business objectives, and measuring and sharing progress. [Read more.](#)

10 Essential Facts about Building Life Cycle Assessment

[ONECLICKLCA.COM](#)

Maybe you don't know much about Building Life Cycle Assessment, or maybe you are a Green Building expert with years of experiences. In any case, here are [10 facts about Building LCA](#) that you might not know.

RTS Helps Companies Track Waste, Improve Sustainability

[CNBC](#)

Startup company Recycle Track Systems (RTS) pairs clients with independent waste and recycling haulers and allows clients to track their waste after it's picked up. RTS helps companies become more sustainable by composting food waste and offering data-based tips on how they can reduce their footprints. Read [the article](#).

EDUCATIONAL NEWS

The Masonry Society's has several opportunities for education coming up this fall. The Annual Meeting offers in-person opportunities, while the online Webinar Series lets you learn at your desk. ~Tina

TMS Annual Meeting - Register Now!

[MASONRYSOCIETY.ORG](#)

The Masonry Society's Annual Meeting is rapidly approaching, and attendees are reminded to register soon as the early registration discounts end on September 11th, and the hotel is filling up quickly. For more information on the schedule, educational opportunities, registration and more, [click here](#).

TMS Webinar Series Continues on October 11th

[MASONRYSOCIETY.ORG](#)

The Masonry Society's 2018/2019 2nd-Thursdays-of-the-Month Webinar Series are easy ways to learn more about various masonry topics while earning 1 hour of continuing education. Topics include:

- October 11, 2018 - Specifying the Right Mortar and Grout for your Projects
- November 8, 2018 - Design of Movement and Control Joints for Masonry
- December 13, 2018 - Masonry Façade Inspections - Best Practices and Tips
- January 10, 2019 - Rational Design of Masonry Veneers & Shelf Angle Supports

Webinars will begin at 1 pm ET. For more information and to register for these seminars, visit the [TMS website](#).

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Advancing the Knowledge of Masonry

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