

# The Masonry Society

## Sustainability E-News

### Rethinking Carbon

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#### SPONSORED EDITION

##### From the Editor

If you haven't seen yet, The Masonry Society has just released a new website that offers many new features including free publications and resources (including TMS's Sustainability Brochure and this e-newsletter), and greater accessibility by TMS Members and the public. See [www.masonrysociety.org](http://www.masonrysociety.org) to access the new website, and watch it over the next few months for new features, downloads, and information.

In the spirit of the season, if you missed Giving Tuesday, you can still make a tax deductible donation to TMS via the new website to support *Sustainability E-News* [here](#) - just select General Fund and add a note in the comment box, or you can become a sponsor for *Sustainability E-News* by visiting the TMS website [here](#) or contacting the [TMS office](#). Sponsorships for *Sustainability E-News* are not charitable contributions but are needed to continue this publication for 2017. Your support is greatly appreciated.

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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

What do all the links below have in common? They all present a new way of looking at an established idea - whether that's because new information is available or there is a desire to improve upon an established idea. Read more below. ~Tina

##### Reflective Pavements, Not So Good After All?

###### GREENBUILDINGLAWUPDATE.COM

Asphalt Pavement Alliance is challenging what we thought we knew about urban heat island effect with peer reviewed research from Arizona State University according to [this article](#). The term "heat island" describes urban areas that are hotter than nearby rural areas. The research from ASU calls into question many common assumptions about the ability of reflective pavements to mitigate urban heat island effect. You can read the original white paper, and a response to questions raised about it, [here](#).

##### AIA COTE Overhauls Its Top Ten Awards Criteria

###### ECOBUILDINGPULSE.COM

With the increasingly higher performance expectations for buildings, the AIA Committee on the Environment (COTE) ups the ante on its Measures of Sustainable Design for its annual recognition program. [Read more](#).

##### How to Frame Carbon As an Asset

###### SUSTAINABLE BRANDS

Architect and designer William McDonough wants to reframe climate change as a "design failure" and encourage people to see carbon as an asset rather than something that's uniformly bad. "In the right place, carbon is a resource and tool," he says in [this article](#).

##### Finding Hope After the Death of Sustainability

###### ARCHITECTMAGAZINE.COM

While architects debate on a more meaningful way to carry out net-zero design, the U.S. election suggests that half of the general populace is

##### 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:

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

##### Platinum Level



indifferent. [Read more.](#)

## GSA Recognizes Green Globes for Federal Leases

### THEGBI.ORG

The U.S. General Services Administration (GSA) has recently recognized GBI's Green Globes certification as an allowable certification program for use in the GSA's federal leasing activities. This decision comes after the GSA's Office of Leasing completed a months-long review and update of its leasing documents. The revisions to GSA's Request for Lease Proposals (RLP) and Lease templates now recognize Green Globes for New Construction (Green Globes NC) as an option for new construction leased spaces where green building certification is required for any building over 10,000 square feet, as well as Green Globes for Sustainable Interiors (Green Globes SI), which can be used as an option for tenant improvements. [Read more.](#)

## PRODUCT NEWS

The articles linked below both take a life cycle view of building products and materials - something that isn't done nearly enough. ~Tina

## What if You Designed a Product For Its Entire Life Cycle?

### MCKINSEY QUARTERLY

The idea of a circular economy considers how consumers will use the product after it's purchased, and how they might disassemble or repair it – none of which is part of the usual consideration, write Eric Hannon, Marianne Kuhlmann and Benjamin Thaidigsmann in [this article](#). A collaborative product-development process that includes design thinking can lead to manufacturing that considers how products are dealt with at the end of their lives

## Scientists Discover Concrete, Mortar Absorb Carbon Gases

### ORANGE COUNTY REGISTER (SANTA ANA, CA)

The production of cement is a great contributor to polluting emissions, but after years of study researches have discover that concrete and mortar each reabsorb some of those emissions over their life cycles. [Read more.](#)

## GREEN BUSINESS NEWS

## Sustainable Practices Are Good For Business

### HARVARD BUSINESS REVIEW

As more corporate leaders get on board with sustainability efforts, Tensie Whelan and Carly Fink have a message for those still skeptical about such programs. "Executives can no longer afford to approach sustainability as a 'nice to have' or as solid function separated from the 'real' business," [they write](#).

## EDUCATIONAL NEWS

## Technical Papers and General Interest Papers Needed for TMS Journal

### MASONRY SOCIETY.ORG

The Masonry Society is seeking quality technical papers for publication in the TMS Journal. Both research topics and general interest topics will be considered. For information on submitting a paper, visit the [Journal Page](#) on the TMS website.

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Advancing the Knowledge of Masonry

## Concrete Masonry Association of California & Nevada

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## Gold Level



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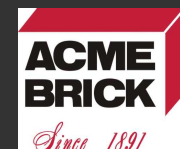


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## Silver Level



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## Bronze Level



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