

# The Masonry Society

## Sustainability E-News

### Whole Building Design

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#### SPONSORED EDITION

#### From the Editor

Sometimes pursuing "green" can have unintended consequences, especially when that becomes an overriding focus. Both the article on whole building design and the article on sustainable business development goals remind us that it is important to look beyond just "green" or one aspect of sustainable design and instead focus on the broader issue of sustainability which goes beyond just environmental concerns. In the case of building design, it's important to balance "green" design with consideration of durability, serviceability, constructability, and performance to name a few. That's one of the benefits of using masonry - it hits on so many of the issues important in sustainable design.

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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

The second article linked below includes some valuable lessons about not having tunnel vision when it comes to green building. When I give talks to designers, I often remind them to not put "LEED blinders" on - in other words, don't focus so much on the LEED checklist that you lose sight of the bigger picture. Instead it's important to look at the whole building and the synergy that can happen in good design, when you get multiple benefits from any one strategy, whether it is considered "green" or not. ~Tina

#### **The Opportunity for ENERGY STAR**

##### **GREEN BUILDING LAW UPDATE**

While much of the media hyperbole has focused on the Trump Administration's 2018 Budget request of \$5.7 Billion for the Environmental Protection Agency, a reduction of \$2.6 billion, or 31%, from the 2017 level of funding, little attention has been paid to specific priorities including the resultant opportunities for green building. [Read more.](#)

#### **Why the Whole Building Approach Matters**

##### **SWINTER.COM**

Steven Winter Associates, Inc. supports the whole building approach to design and construction by doing their best to ensure that projects meet sustainability, energy efficiency, and accessibility requirements, among other design strategies and goals. From their perspective, accessibility compliance is a key factor in determining whether a project is truly sustainable and efficient. Read about a recent case [here.](#)

#### **Want Renewables? Fix Efficiency**

##### **URBAN GREEN COUNCIL**

According to the "Duck Curve," the rise of solar is changing how power is used in California and it may not be all good news. Last week, Cecil Scheib had the opportunity to hear Matt Golden speak about California's experience as an early adopter of renewable energy. Golden believes we need to fix the energy efficiency market if we want to actually scale up renewables. Read the full story on [his blog.](#)

#### **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**



**Concrete Masonry**

## GREEN BUSINESS NEWS

### Why Companies Should Target More Than One SDG

#### HARVARD BUSINESS REVIEW

Companies that try to follow the UN Sustainable Development Goals often are at a disadvantage when they focus on one specific goal at the expense of the others, according to [this article](#). Businesses should choose several sustainability goals that fit with the company goals and identify key motivators to achieve them, according to the Harvard's Bhaskar Chakravorti.

### Online Platform Helps Make Supply Chain More Sustainable

#### SUSTAINABLEBRANDS.COM

Online company Two Degrees Mobile has created Manufacture 2030, a global, online platform to help manufacturers minimize the environmental impact caused by the supply chain. The platform allows companies to discuss green initiatives with their suppliers and provides a way for businesses to report on their sustainable efforts. [Read more](#).

### Understanding Life Cycle Assessment: An LCIA Overview for Executives and Practitioners

#### TRIPLEPUNDIT.COM

When assessing sustainability measures, many companies are implementing a life cycle assessment (LCA), because the technique can identify and quantify environmental impact. The life cycle impact assessment uses fate modeling to detect the characteristics of different emissions then measures the amount of emissions that affect the environment through exposure modeling, before finally using an effect model to assess the negative impact of the emissions. Read more about LCA in [this article](#).

## CASE STUDIES

If you have a masonry project featuring sustainable design, please let us know! ~ Tina

### Performing Arts Center Features Concrete Masonry

#### MASONRY DESIGN MAGAZINE

Mesa Community College (MCC) in Mesa, Ariz., serves the academic needs of nearly 26,000 students by offering more than 200 degrees and certificates in everything from biotechnology, computer science, and dental hygiene to mortuary science and urban horticulture. However, it was a re-dedication to music and the arts that gave birth to a new Performing Arts Center, acoustically fine-tuned with an inner and outer shell of sound-reflective masonry. Read [the article](#).

### Permeable Street in Bay Area Outperforms Expectations

#### ICPI INTERLOCK DESIGN

Facing an aging infrastructure as are many cities today, the City of Berkeley sought a durable alternative to its existing asphalt road surfaces in need of replacement. Situated on a hill that slopes down to San Francisco Bay, mitigating storm water runoff also ranked highly among its priorities. Read more about the project [here](#).

## EDUCATIONAL NEWS

Lots of opportunities for education! ~ Tina

### Register Now for TMS Sustainability and LEEDv4 Seminar

#### MASONRYSTL.ORG

The Masonry Institute of St. Louis will host "The Role of Masonry in Sustainable Design and LEEDv4" seminar on April 26, 2017 at 12pm. For more information and to register [click here](#).

### BIM-Masonry Symposium Registration Now Open

#### BIMFORMASONRY.ORG

## Association of California & Nevada

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## Gold Level



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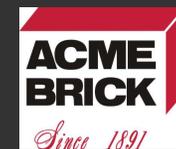


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## Silver Level



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## Bronze Level

The BIM-M Executive Committee is pleased to announce the 2017 BIM-M Symposium for May 4-5, 2017. The 2017 BIM-M Symposium will highlight completed and on-going projects for BIM users. Further details and registration information is available [here](#).



## Other Conferences and Symposium

Registration is now open for the [14th International Conference on the Durability of Building Materials and Components](#) to be held from 29th to 31st May 2017, in Ghent, Belgium.

The 13th [Canadian Masonry Symposium](#) (CMS) is quickly approaching, and will be held in Halifax, Nova Scotia from June 4-7, 2017. Registration is now open.

In 2018 the [10th International Masonry Conference \(IMC\)](#) will be hosted by the Technical University of Milan on July 9-11 in Milan, Italy. Abstracts are due June 30, 2017.

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