



## Low Carbon Materials for a Sustainable Built Environment

Low carbon building materials are crucial for promoting sustainable development in Singapore, especially since buildings in Singapore account for around [20% of the city-state's carbon emissions](#).

Singapore has also set a [80-80-80 by 2030 goal](#), and the Singapore Green Building Masterplan aims to address carbon holistically from a whole life carbon perspective through the [Green Mark 2021 scheme](#).

In this edition of the SGBC Bulletin, learn about the importance of circularity, unique low carbon building materials, and their impact beyond reducing carbon emissions.



**SGBP Certified products: preferred low carbon materials of choice**

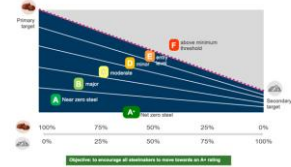
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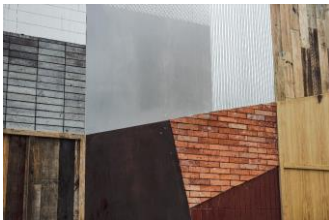
**SGBC Founding Member, Pan-United, boosts decarbonisation as Singapore's largest supplier of CO2 mineralised concrete for Tuas Port**

[— Read more](#)



**SGBC Member, ArcelorMittal publishes concept for global low-carbon emissions physical steel standard**

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**Understanding carbon sink and low carbon materials**

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**Six material innovations aimed at slashing concrete's outsized carbon footprint**

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**Pledge your commitment to using low-carbon materials with the Singapore Built Environment Embodied Carbon Pledge**



## The road to low-carbon concrete

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## Making a comeback: Mass Engineered Timber, the viable low carbon alternative

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## Shifting to low carbon concrete - a procurement model

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# BE Sector News / Updates & Events



## **Environmental Sustainability Considerations & Green Procurement to Drive Public Procurement**

Starting from the 2023 financial year, the Singapore Government will begin considering the sustainability of companies it purchases from in a bid to encourage suppliers to adopt sustainability practices and develop greener products and services.

Up to 5 per cent of evaluation points will be set aside for environmental sustainability considerations, such as a company's carbon footprint, whether it has adopted low-carbon solutions, or minimised the amount of packaging materials.

[— Read more](#)



## **MTI's Committee of Supply Debate 2023: Building a Vibrant Economy, Nurturing Enterprises**

As announced at the Committee of Supply (COS) debate 2023, the Ministry of Trade & Industry will direct efforts in four priority areas – Strengthen Economic Competitiveness, Develop Enterprises, Unlock

Resource Constraints, and Deepen Partnerships, to bolster the progress of the [Singapore Economy 2030](#) vision.

[— Find out more about the priority areas](#)

## Industry Circulars to Note

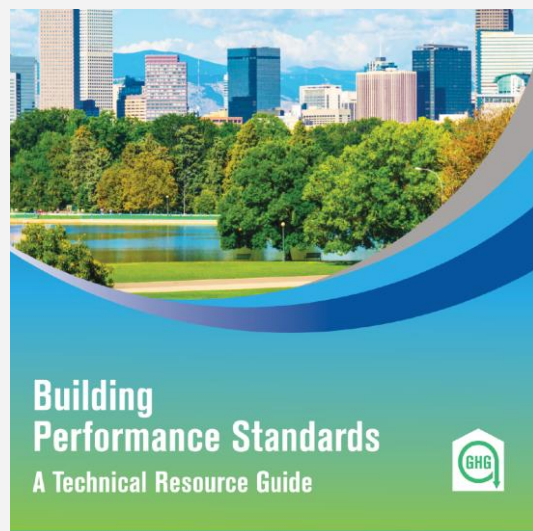
BCA: Basic Accessibility in Existing Non-Barrier-Free Buildings [— Read more](#)

BCA: Adoption of Revised Code on Periodic Energy Audit of Building Cooling System (“Energy Audit Code”) (Edition 4.0) [— Read more](#)

URA: A&A Works to or near Conserved Buildings and Maintenance of Conserved Buildings [— Read more](#)



**GBIC 2.0 Thematic Challenge  
Call for High-rise Commercial  
Office and Hotel Buildings**



BCA has launched the Green Buildings Innovation Cluster (GBIC) 2.0 Thematic Challenge Call to support the [Singapore Green Building Masterplan](#) (SGBMP).

The Call seeks solutions to address Challenge Statements from building owners and proposals to help buildings achieve greater energy efficiency. Consultants, technology and solution providers and researchers are encouraged to submit their proposals.

[— Read more](#)



*28 - 30 March 2023*  
*Exhibition and Conference*

## **ASHRAE: Building Performance Standards - A Technical Resource Guide**

The first in a series of seven, this guide is intended to provide technical basis and resources to policymakers, building owners, facility managers, design professionals and ASHRAE members when developing and implementing a Building Performance Standard (BPS).

[— Find out more](#)



*24 March 2023*  
*In-person Workshop*  
**Young Professionals Awareness Workshop**

## **BuildTech Asia 2023**

Register for BuildTech Asia (BTA) 2023, the leading platform for the building and construction industry in the Asia Pacific region, showcasing the latest smart solutions and productive technologies across the entire building life cycle.

[— Find out more](#)

[— Register now](#)

Learn how Singapore Standards are developed, and how they can play a role in industrial transformation while bringing about innovation, sustainability and advancement of our chemical and related industries.

[— Find out more](#)

[— Register \(closes 17/03/23\)](#)

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