



ACCELERATING THE **DECARBONISATION** OF THE BUILT ENVIRONMENT

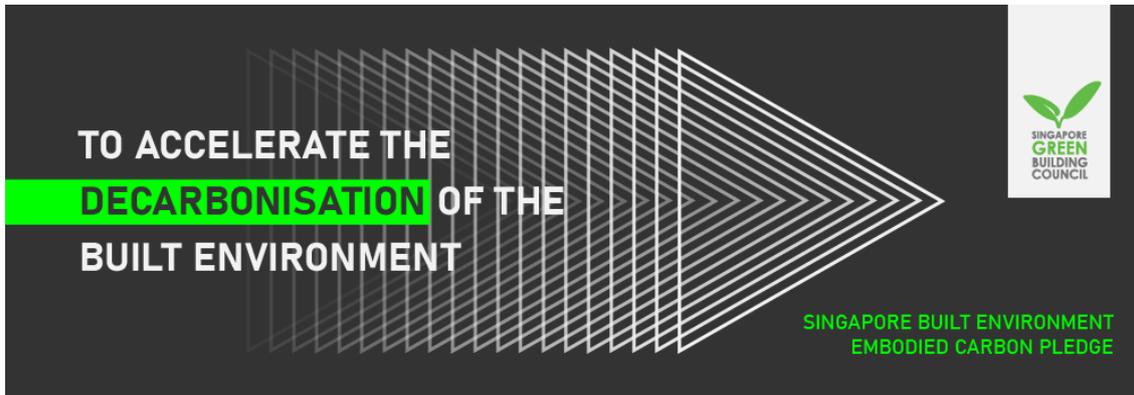
SINGAPORE BUILT ENVIRONMENT
EMBODIED CARBON PLEDGE

Singapore Built Environment Embodied Carbon Pledge: Accelerating the Decarbonisation of the Built Environment

The global pandemic has shown us what can be achieved when we work together towards a common goal. Climate change is an even greater existential threat facing mankind.

The built environment is responsible for 40 percent of global carbon emissions, with embodied carbon emissions often being overlooked. Embodied carbon emissions are associated with the full supply chain of all materials and systems put into any built environment project and cannot be improved over the lifetime of a building, unlike operational carbon emissions. If embodied carbon emissions are not addressed before the building project moves past the design stage, there is no way to reclaim lost carbon savings once the building is constructed and subsequently used.

To bring attention to this important issue and the built environment sector's influence on embodied carbon emissions, the Singapore Green Building Council (SGBC) is launching the **Singapore Built Environment Embodied Carbon Pledge** to help unify and amplify industry action. We invite all organisations involved in shaping our built environment to pledge your support and work together with other like-minded organisations to effect change.



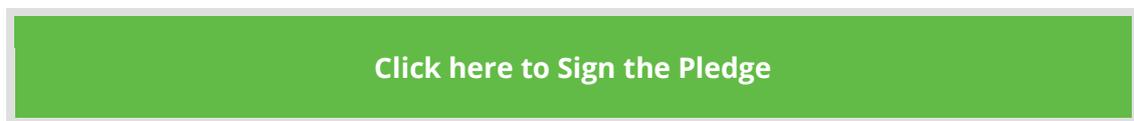
By becoming a Signatory of the Pledge, your organisation will contribute to the total decarbonisation of the built environment by:

1. **Opting** for building materials with lower embodied carbon
2. **Minimising** materials usage and wastage through collaborative design and optimisation
3. **Transforming** construction site processes to utilise electricity and renewable sources of energy

SGBC will provide a framework of support and resources for Signatories to work towards the Pledge's objectives.

Signatories will be featured during the SGBC-REDAS Green Real Estate Trends Conference 2021 on 5 August 2021 (pledge responses must be received by **23 July 2021**) as well as on a dedicated webpage on the SGBC website and other publicity channels.

For more information, please contact SGBC at outreach@sgbc.sg.





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