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SGBC Event

SGBC Seminar:

Exploring Nuclear Energy for an Evolving Built Environment – Strategies, Constraints, Capability Building

2:00PM to 4:30PM | 24 July 2026 | In-Person CPD Event



Nuclear power has the potential to serve as a transformative catalyst in the decarbonisation of the built environment. Beyond electricity generation, it can also provide thermal applications, presenting new possibilities for how buildings, infrastructure, and industrial assets consume and manage energy.

Event Details

Date: Friday, 24 July 2026

Time: 2:00 PM - 4:30 PM

Venue: BCA Braddell
Campus, 200 Braddell
Road, Singapore 579700

This SGBC Seminar, supported by SGBC Member HY M&E Engineering Consultancy, will explore the evolving role of nuclear energy in advancing a low-carbon built environment. Beginning with an overview of the development and evolution of nuclear technologies, this session aims to explore potential pathways for national deployment, and outline how these can potentially align with national goals and strategies. A key focus will be on the practical considerations for stakeholders in the built environment, including the implications for on-premise nuclear power integration.

Beyond theoretical potential, the Seminar will address the tangible milestones needed to realise behind-the-meter nuclear solutions for energy-intensive facilities such as data centres. By analysing the interplay between project development, national strategy and deployment, participants will gain a comprehensive understanding of what is truly required to integrate nuclear power into the future of the built environment.

Fees (Incl. GST)

SGBC Member: \$50

GMPs: \$50

Non-Member: \$80

CPD Points

SGBC-GMP: Pending

APFM: Pending

PEB: Pending

SCEM: 2 Points

SIFMA: 1 Point

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Seminar Programme



1:30 PM **Arrival & Registration**

2:00 PM **Introduction by SGBC**

2:10 PM **From Green Mark to Clean Power:
Understanding Nuclear Energy's Role in a Net-Zero Built Environment**
Mr. Matthew Chew, Nuclear Competency & Strategy Lead, HY M&E Engineering Consultancy

2:50 PM **Nuclear Energy for Southeast Asia: Which Choice(s) Are the Right Ones?**
Prof. Michael Short, Class of 1941 Professor of Nuclear Science and Engineering,
Massachusetts Institute of Technology (MIT)

3:30 PM **Q&A Session**

4:00 PM **Refreshments and Networking**

4:30 PM **End of Event**

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FULL PROGRAMME

IMPORTANT NOTE

As the event's details and other pertinent information will be sent directly to the participant via email, please ensure that the email address used for registration is valid and active. If you are registering on behalf of a participant, please use their name and contact details for registration. For multiple participants from the same organisation, please register each participant individually.

SGBC reserves the right to amend the Programme without prior notice. SGBC reserves the right to allocate registrations to ensure a well-balanced representation of professions at each event for the best learning outcomes. Professional CPD points will only be awarded after verification of in-person attendance. Full payment must be received at least three days before the event.



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