



malaysiaGBC Carbon Score Webinar Series

Advancing Zero Carbon In Built Environment

OPERATIONAL CARBON SERIES

30th April 2022 | 9.00AM - 1.00PM



**ASSOC. PROF. (IND)
AR. SARLY ADRE
SARKUM**



CK TANG



**GREGERS
REIMANN**



KEVIN THAM



**REGINE
CHOO**



Malaysia Green Building Council (mGBC) echoes World Green Building Council (WGBC) advocacy for reduction of emissions from the building and construction sector by 2030 and the total decarbonization of the sector by 2050. A recent study conducted for the World Bank, indicated that it was possible to eliminate almost all carbon emission for offices, residences, and hospitals, with on-site carbon emission reduction measures in 3 major climatic zones. In fact, it achieved zero carbon emission in 12 of the 21 archetypes studied without requiring off-site solutions. Effective operational decarbonization actions include shifting the energy mix away from fossil fuels and toward zero-emissions electricity and other low-emissions energy carriers such as hydrogen; adapting industrial and agricultural processes; increasing energy efficiency and managing demand for energy. The incremental construction cost was less than 3% on average, with a high rate of financial returns. More interestingly, these results were obtained with existing technological solutions, efficiencies, and cost.

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PROGRAMME

- 08.45 AM Registration and welcoming**
- 09.00 AM Welcome speech from malaysiaGBC President**
Mr Sim Chee Liang
- 09.05 AM Introduction of mGBC Carbon Score 2022**
Asso. Prof (Ind) Ar. Sarly Adre Sarkum
- 09.35 AM Low Emission Energy Mix Reduction in Operational Carbon**
Ts. Regine Choo
- 10.05 AM Low Carbon Operation For Building and Transport**
Mr Gregers Reimann and Ms Sheena Moses
- 10.35 AM Coffee break**
- 11.05 AM Case study: Urban Decarbonization with Light Electric Vehicle (LEVs)**
Mr Kevin Tham
- 11.35 PM Financial Feasibility of Net Zero Carbon**
Mr CK Tang
- 12.05 PM SDG 7: Affordable and Clean Energy**
Ir Ahmad Izdihar bin Supaat
- 12.25 PM Round table discussion & Q&A**
- 01.00 PM End**



We don't need a handful of people doing zero carbon perfectly. We need millions of people doing it imperfectly



Registration Fees

REGISTRATION LINK

FREE	malaysiaGBC Members
RM53	GBI Facilitator / Affiliated Members (ACEM, CIDB, FIABCI, FMM, FMM-MCIG, IEM, IET, ILAM, ISI, MASHRAE, MBAM, MIID, MTC, PAM, PPK, RISM, SHAREDA)
RM26.50	Non-Member Student (Undergraduate only)
RM79.50	Non-Member

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For more info, contact us at cpd@mgbc.org.my or +6017 851 0700

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