

World Green Building Council . Asia Pacific Network - Advancing Net Zero  
**malaysiaGBC CARBON SCORE LAUNCH**

malaysiaGBC Net Zero Carbon Initiative

27 November 2021 | Saturday | 9:30 am - 12:20 pm | Virtual via Zoom

GBI CPD  
Credits  
Applied

LAM CPD  
Credits  
Applied

BEM CPD  
Credits  
Applied

MBOT CPD  
Credits  
Applied

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Closing Date: 25 November 2021

For more info, contact us at  
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malaysiaGBC Platinum Partner  
2020/2021



malaysiaGBC Silver Partner  
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## PROGRAMME

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09:30 am	Participants Login
10:00 am	Welcome Remark
10:05 am	Opening Remark - Mr. Sim Chee Liang, President, malaysiaGBC
10:15 am	Opening Remark - Ir. Dr. Cary Chan, Chair of Asia Pacific Regional Network, WorldGBC
10:25 am	Keynote Speech by Guest of Honour
10:55 am	Launch of the Tool by Guest of Honour
10.57 am	Online Photo Session
11:00 am	Presentation
11:15 am	Overall Overview - Assoc. Prof. (I) Ar. Sarly Adre Sarkum, NZC Chairman
11:30 am	Overview of Net Zero Energy - MCS - Ms. Regine Choo, Energy Sub-Committee Chairman
11:40 pm	Overview of Net Zero Material - MCS - Dr. Muhammad Azzam, Definition Sub-Committee Chairman
11:50 pm	Overview of Net Zero Transport - MCS - Ms. Sheena Moses, Transport Sub-Committee
12:00 pm	Overview of Net Zero Waste - MCS - BK Sinha, Waste Sub-Committee
12:10 pm	Closing Remarks
12:20 pm	End of Ceremony

## OPENING REMARK



More than 25 years' experience in glass processing industry with a successful background in Sales and Marketing venues. Currently the Executive Director of Ajiya Safety Glass Sdn. Bhd., a nation's pioneer in Malaysia's architectural glass processing industry which its principal activities include manufacturing of safety and security architectural glasses under the renowned brand name of AJIYA.

Elected as malaysiaGBC President for terms 2021-2023 during the recent election. He believes that glass play an integral role not only in architectural and designs, but also contributing to a more sustainable built environment.

**Mr. SIM CHEE LIANG**  
President 2021 - 2023, malaysiaGBC



Ir Dr Cary Chan, JP is a professional engineer and is currently the Executive Director of Hong Kong Green Building Council with the vision of driving the green building agenda for Hong Kong.

Cary is regarded as an expert on building energy efficiency by the industry. He pioneered "Knowledge Based Energy Management" in Hong Kong back in the late 90s. Using existing buildings as living laboratories, Cary has carried out a lot of researches relating to the enhancement of building energy efficiency. Up to now Cary has published over 25 papers sharing his knowledge with the industry. A number of his work have won international awards, which includes Client of the Year - Low Carbon Operation Award by the Chartered Institution of Building Services Engineers in 2010.

In 2018, Cary initiated a Memorandum of Collaboration to promote retro-commissioning in the Greater Bay Area together with 6 other signatories including the Government and Tsing Hua University.

Cary played a key role in establishing Hong Kong's Green building assessment tool back in 1995. Since then he has been playing a leadership role on sustainable buildings within Hong Kong and abroad.

Over the years, Cary was active members to over 10 advisory councils and committees of the Government of HKSAR and he was appointed Justice of the Peace (JP) by the government in 2017 with his immense contribution to Hong Kong community.

Cary was being awarded Honorary Doctorate by University College of Estate Management in December 2019.

**Ir. Dr. Cary Chan**  
Chair of Asia Pacific Regional Network, WorldGBC

## SPEAKER PROFILE



Sarly Adre Sarkum received his Bachelor of Arts in Architecture from Liverpool University, United Kingdom in 1998 and his Bachelor of Architecture from Universiti Sains Malaysia in 2001. Universiti Sains Malaysia conferred him the Gold Medal for Best Student of Architecture in the same year. Lembaga Arkitek Malaysia consecutively presented him with the Academic Achievement Award in 2001. He represented Malaysia at the World Archiprix 2001 in Rotterdam as among The World's Best Graduation Project. His early career was spent at AZZA Associate Architects and FAA architect whereby he was involved in a diverse range of high profile projects such as marinas, prison and space centre. Currently he is spearheading the Kuala Lumpur office of the avant garde architectural firm BDA Architects Sdn Bhd. He is passionate about sustainability and green technology. He has produced international acclaimed designs such as the underwater hO2 skyscraper. He was a Council Member of Pertubuhan Akitek Malaysia (Malaysian Institute of Architects) from 2009 to 2011. He is the Vice President of malaysiaGBC (Malaysia Green Building Confederation) for the year of 2012 -2013. He is also a Chartered Member of Royal Institute of British Architects.

**Assoc. Prof. (I) Ar. SARLY ADRE SARKUM**  
Net Zero Committee Chairman



She is an experienced entrepreneur with a demonstrated history of business experience in the Solar Green Energy & Green Building industry. Accomplished in Roofing Industry, Solar Industry, Renewable Energy, Business Planning, Finance, Sales and Engineering. Strong entrepreneurship professional with an MBA professional development. Green Building Advocate and Solar Energy Evangelist. Played leadership roles in related NGO associations in Malaysia. Currently, she is also northern chapter chair of Malaysia green building council.

**Ms. REGINE CHOO**  
Energy Sub-Committee Chairman



Muhammad Azzam Ismail, PhD in Built Environment (UNSW) is a Graduate Architect and an expert in green architecture and green building rating. He teaches architecture at the University of Malaya, Kuala Lumpur as a Senior Lecturer. His current research through awarded grants includes building energy consumption management, operational carbon footprint of residential properties and low carbon cities. At national level, he was appointed as the Chairman of the Malaysia Council of Heads of Architecture Schools (COHAS) from 2014-2016. Through his appointment as Fellow at the Tun Syed Zahiruddin Residential College (9th College) and now as the College Master, he supervised and participated in numerous student-led activities including the yearly college award dinner and the "Global Community Service (GLOCOSE)" international community service program to Aceh (Indonesia), Kampung Cham (Cambodia), Tay Ninh (Vietnam) and Lombok. In line with his interest in Sustainability and low carbon cities, he actively delivered capacity building lectures through UMCARES and was awarded UMCARES Certificate of Excellence in Sustainability 2014.

**Dr. MUHAMMAD AZZAM**  
Definition Sub-Committee Chairman



Sheena has been green building consultant for 10 years, 5 of which has been with IEN Consultants. Her credentials as a LEED AP with specialty in Existing Buildings Operations and Maintenance (EBOM) and WELL AP is a testament to her keen interest in a holistic approach to sustainability that reduces environmental impact whilst improving occupant wellbeing.

She has worked on numerous residential, commercial, healthcare, hospitality and retail green building certification project targeting LEED (USA), GBI (Malaysia) and BREEAM (UK) certifications. Her key areas of interest include energy optimization for existing buildings, improving water conservation efforts, and minimization of site environmental impacts during construction and operations. She also has experience in energy simulations using the IES VE (Virtual Environment) Software, heat load analysis using the CARRIER E-20 II Heat Analysis Program (HAP) as well as lighting simulation using the DIALux and Ecotect software.

**Ms. SHEENA MOSES**  
 Transport Sub-Committee



BK Sinha has over 35 years experience in the development and management of Environmentally Compliant Projects and Services, in particular Waste to Renewable Energy Projects. The combination of his experience and wealth of knowledge is fueled by his deep-rooted passion for the emergence of truly sustainable developments in this region.

BK Sinha is currently Council member of Malaysia Green Building Council (malaysiaGBC); an established member of the World Green Building Council (WorldGBC) which has members in 73 countries globally. The WorldGBC operates through 5 regions, namely Europe, Americas, Africa, Middle East & North Africa and the Asia Pacific Network (APN). BK Sinha has recently completed his appointment as the Regional Vice Chair of the APN. The term is for a two year tenure.

**Mr. BK SINHA**  
 Waste Sub-Committee

Join us today, let's move towards sustainability together

