

BEM Approved CPD: 2
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WEBINAR ON

SUSTAINABILITY PROGRAMS IN HEALTHCARE FACILITIES: ACCELERATING DECARBONISATION TOWARDS NET ZERO TRANSITION



Speaker:
**Ir. Ts. Dr. Noor Muhammad
Abd. Rahman**



**4 NOVEMBER 2023,
SATURDAY**



9AM - 11AM

Registration Fees

Student Members : Free

IEM Members : RM 15.00

IEM Non Members : RM 70.00

SYNOPSIS

In the presentation, the speaker outlines a visionary plan to transform healthcare facilities across Malaysia into environmentally sustainable and carbon-neutral entities. The talk begins by acknowledging the pressing global issue of climate change and its impact on public health. The speaker then highlights the unique challenges faced by healthcare facilities in terms of energy consumption, carbon management, and resource utilization. They emphasize the need for a comprehensive and adaptable blueprint that aligns with the Ministry of Health's goals and national sustainability targets. The core elements of the blueprint include transitioning to renewable energy sources, optimizing resource utilization, and implementing innovative strategies for the adaptation of green technologies. Throughout the talk, the speaker emphasizes the importance of collaboration, stakeholder engagement, and data-driven decision-making in achieving carbon neutrality. Ultimately, this presentation offers a promising vision of healthcare facilities that not only prioritize patient well-being but also contribute positively to the environment and future generations.

SPEAKER'S BIODATA

Ir. Ts. Dr. Noor Muhammad Abd. Rahman, graduated in 2006 with a B.Eng. (Hons) degree in electrical engineering from Universiti Teknologi MARA (UiTM). He holds a Master of Science in sustainable infrastructure from Universiti Teknologi Malaysia (UTM) and a Doctor of Philosophy in renewable energy from Universiti Kebangsaan Malaysia (UKM). He is a registered professional engineer with practicing certificate with the Board of Engineers Malaysia (BEM) and registered professional technologist with Malaysia Board of Technologists (MBOT). He is also a registered electrical energy manager with Energy Commission, authorised person (low voltage) HTM 06-02 accredited by City & Guilds UK, photovoltaic (PV) arrays qualified person certified by Scottish Qualifications Certificate and LEED AP Building Operations and Maintenance certified by United States Green Building Council (USGBC). He has 17 years of experience in healthcare engineering and facility management in managing and monitoring the privatization of Hospital Support Services (HSS) which includes operations and maintenance, asset management, building engineering services, energy retrofitting works and sustainability programs. He led the energy management and green building program at the Ministry of Health (MOH) with various achievements at the national, regional and international levels. He is also actively involved in developing engineering standards, guidelines, procedures and other professional activities for the healthcare sector nationally and internationally. In 2023, he was selected by the ministry as the Malaysian delegation to the United Nations Climate Change Conference in Bonn, Germany.