

WEBINAR TALK ON STRATEGIC INVESTMENTS IN TRANSPORTATION ELECTRIFICATION TECHNOLOGIES

31 MARCH 2022 | 10.00 AM-12.00 PM

BEM Approved CDP: 2

Ref. No.: IEM22/HQ/085/T(w)

Synopsis

Electric vehicles (EVs) continue to surge in popularity as they are marketed towards technologists and green advocates alike. While EV manufacturers are eager to expand into this rapidly growing category, they largely ignore the challenges in charging infrastructure accessibility. Overcoming these challenges will be the kingpin goal of this century.

Countries like Malaysia faces the dilemma of competing fuel and electricity prices, and like many Southeast Asian megacities had doubled down on urban sprawl, making the transition to electric economically unfeasible. Nonetheless, there are innovative and strategic choices that could be made to ensure that we are not left behind in the EV revolution.

This presentation aims to demonstrate that consumer EVs are not the main solution if we are to gain meaningful traction in transportation electrification. Various transportation electrification modalities and niche markets will be explored alongside cost and emissions analysis. We will also look into existing experimental technologies in EV such as inductive wireless charging, dynamic wireless charging, and the intersection of EVs and autonomous vehicles.

Speaker's Biodata



Khadijah Abdul Latiff

FP.E., MBA

Khadijah is an electrical engineering professional with 15 years of experience in design, planning and construction in various industries including transit, water, wastewater and manufacturing. Her expertise is in EV charging infrastructure deployment, adapting technology for standards compliance, and infrastructure readiness. Her passion for smart city solutions, improving the connectivity, sustainability and livability of urban environments led her to her current role at Amazon where she is currently working on building an infrastructure system for the deployment of ground autonomous delivery robots. Khadijah is a licensed professional engineer in multiple states, a LEED associate, and attained both Bachelor of Science degree in Electrical and Electronics Engineering and Master of Business Administration from the University of Illinois Urbana-Champaign.

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