

WEBINAR

ENGINEERING THE FUTURE CITIES: A COMPREHENSIVE GUIDE TO SMART CITY REALISATION

**ORGANISED BY:
PUBLIC SECTOR SPECIAL INTEREST GROUP, IEM**

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SPEAKER:

TS. MD FARABI YUSSOFF



15 SEPTEMBER 2023, FRIDAY



3.00PM - 5.00PM

REGISTRATION FEE :

IEM STUDENT : FOC

IEM MEMBERS: RM15

NON IEM MEMBERS: RM70

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SYNOPSIS

In the era of rapid urbanisation and technological advancement, "Engineering the Future Cities: A Comprehensive Guide to Smart City Realisation" offers a captivating journey into the realm of smart urban development. Led by an experienced urban planner, this session delves deep into the multifaceted world of smart cities, covering crucial aspects such as the fundamental concepts, intricate planning mechanisms, and key indicators that drive successful smart city initiatives.

Participants will gain insights into the seven essential components that define a smart city – from innovative infrastructure and sustainable mobility to seamless connectivity and citizen engagement. Through engaging discussions and illustrative case studies, attendees will grasp the transformative power of intelligent urban solutions, enabling them to envision, plan, and assess smart city projects effectively.

With a focus on the intersection of engineering and urban planning, this session equips engineers with the knowledge and tools to navigate the complexities of modern city development. By the end, participants will emerge with a profound understanding of how to engineer the future cities that harmonise technological innovation, liveability, and sustainability to create truly intelligent urban landscapes.

SPEAKER'S PROFILE

Farabi Yussoff currently holds the post of Head of the Smart City Unit at PLANMalaysia. Throughout his 20 years of service in Government, he gains experience at the Federal, State & Local Government level with a special interest in digitalisation, Geospatial Information System (GIS) digital infrastructure planning, smart city, urban mobility and Big Data Analytics (BDA).

He was involved in the formulation of the first National Urbanisation Policy & National Physical Plan, and responsible for the hosting of the Ninth Session of World Urban Forum (WUF9), Kuala Lumpur in 2018 during his tenure with Urbanice Malaysia, a Centre of Excellence for Sustainable Cities and Community Well-being under KPKT.

He holds a Bachelor & Diploma in Town & Regional Planning from the University of Technology of Malaysia and a Certificate in Management Smart Cities Infrastructure from École Polytechnique Fédérale de Lausanne. Prior to his service with the Government, he works as Spatial Analyst at a Geographical Information System (GIS) consultant in Johor Bahru. He is also a Professional Technologist to the Malaysia Board of Technologists (MBOT) and a Graduate Member of the Malaysia Board of Town Planners (LPBM).