The Institution of Engineers, Malaysia

Organised by: :Highway and Transportation Engineering Technical Division (HTETD)

WEBINAR TALK ON
AN INNOVATIVE AND SUSTAINABLE ROAD MATERIAL TO IMPROVE ROAD SURFACE PERFORMANCE WHILE REDUCING PLASTIC WASTE - PLASTIC MODIFIED BITUMEN

DATE:20 MARCH 2023 | TIME: 5:00 PM - 7:00PM

BEM Approved CDP: 2 Hours Ref. No.: IEM23/HQ/083/T(w)

Synopsis

The increase in plastic consumption has increased the burden of the waste management system and the environmental risk, particularly from plastic and marine pollution. There is a need to shift to a sustainable and circular plastics economy, where keeping plastic waste in the economy and out of the environment. Among the numerous ways that plastic waste is managed, incorporating them into the roads is another viable option while reducing carbon footprint. This session aims to provide an overview of how plastic can infuse and enhance the properties of the bitumen and its associated construction and testing at public road trial lay.

Speaker's Biodata

Ir. Phoon Chee Hoe

Technical Lead Asphalt Innovation
Project Delivery and Technology, PETRONAS

Ir. Phoon has over 15 years of experience in the design and construction of civil and structural engineering works. He is a registered Professional Engineer and holds a Master of Structural Engineering and Constructions from Universiti Putra Malaysia. His experiences include major buildings, roadworks, geotechnical works, drainage, building inspection & maintenance works, oil & gas, and building rehabilitation works. He started his career in Minconsult Sdn. Bhd. and involved in a few integrated development projects including KL Sentral and PJ Sentral. In 2015, he joined PETRONAS as Oil & Gas Civil and Structural Engineer in Group Technical Solution (GTS) under the Civil (Onshore) division. Moving toward PETRONAS sustainability aspiration, currently, he is now part of The PETRONAS Circular Economy Team as well as the Technical Lead for the Asphalt Innovation Department.

Registration fee

Student Member: Free
IEM Member: RM15.00
Non-Member: RM70.00

Follow Us

myiem_official

Myiem HQ Official - General

ZOOM

See more details at www.myiem.org.my