

# WEBINAR TALK ON “CHALLENGE IN IMPLEMENTATION OF CRUMB RUBBER MODIFIED ASPHALT (CRMA) IN MALAYSIA”

30 MAY 2023 | 3.00 PM-5.00 PM

BEM Approved CDP: 2 Ref. No.: IEM23/HQ/158/T (w)

## Synopsis

Based on the findings of a study from Universiti Putra Malaysia on the increase in the disposal of used tires which is estimated to increase by 5% per year, is one of the factors that cause environmental pollution issues, such as open burning. The use of used tires as submerged reef (tukun) is also said to be pollution to marine life. The idea of adopting CRMB technology to Malaysia that uses crumb rubber from used tires is also the result of K2 Bitumen's collaboration with Jiangsu Technical Institute (JSTI), China.

The objective is to help the road construction and maintenance industry in producing a better pavement lifespan to overcome cracks and rut depth. This presentation will share experiences and testimonials of CRMB products in extending the lifespan of pavements as well as more value for money in road asset management

## Speaker's Biodata

**Ms. Dirayah Binti Dollah** currently holds the position as Managing Director of Awana Hikmat Sdn. Bhd., a G7 class contractor company, which ventures on road construction and maintenance, and building works.

She has also been appointed as Technical Director at K2 Bitumen Sdn. Bhd., a manufacturer company of Crumb Rubber Modified Bitumen (CRMB), as well as bitumen-based products for use in road construction and maintenance.

She graduated from Universiti Teknologi Malaysia, Skudai, Johor Bahru in Civil Engineering. Before joining the above company, she was a civil servant for 20 years and her last designation was as a Senior Civil Engineer in the Public Works Department. During her tenure, she was assigned to several Divisions in the Ministry of Works and Public Works Department.

Dirayah has vast experience in the design of road projects, planning of highways and roads throughout Malaysia, management and regulation of financial allocation, as well as Federal Road and Slope Maintenance contracts across Malaysia. She has also involved in several mega projects and the project packages of Central Spine Road is the last project she has managed.



**Ms. Dirayah Binti Dollah**  
Technical Director  
K2 Bitumen Sdn. Bhd.

### Registration fee

Student Member: Free

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Non-Member: RM70.00

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