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WEBINAR TALK ON

FROM WASTE TO BECOME WEALTH- YOU CAN DO IT IN PALM OIL MILL

Organised by: Agricultural and Food Engineering Technical Division

BEM Approved CPD : 2.0 Ref no: IEM21/HQ/104/T (w)

28 MAY 2021, FRIDAY | 3.00PM - 5.00PM

SPEAKER : Ir. HOR KOK LUEN

Registration Fee (effective from 1st August 2020)

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SYNOPSIS

Public and investors always pay attention on the conventional key products in the palm oil mill. The Crude Palm Oil (CPO) and Palm Kernel (PK) are the two popular trading products in the commodity market conventionally. Lately more and more investors and traders start to focus on palm oil mill by-products. This is positive anyway.

It is proudly to share here that not only the palm oil mill key-products can be traded, but more and more of the by-products are gradually traded locally as well as sold to foreign country, particularly traded with company who is focusing to the renewable energy for national power supply.
There are many by-products in the palm oil milling process. Due to the environmental concerns and mandatory compliances set by the governing authorities, efforts & expenditure on handling and managing the waste has become heavy fixed operating cost in the palm oil milling annually. This is an operating barrier to the industry.

In order to be technically and commercially sustainable, the approach of dealing with waste shall be in the voluntary mode, rather than mandatory. This is more holistic and practical in overall operating condition. On the environment aspect, the carbon stock (CO_2 can be reduced gradually & ultimately through more holistic approaches.

SPEAKER'S PROFILE

Ir. Hor Kok Luen (P.Eng, PEPC, MIEM, First Grade Competent Steam Engineer, ASEAN Engineer, APEC Engineer, International Professional Engineer) graduated from University of Science Malaysia (USM) in 2001. He is holding the Bachelor of Degree (Hons.) in Mechanical Engineering.

He has more than 20 years of working experience in the palm oil mill & related downstream industries, inclusive of biogas power plant and biomass plant. He has vast experience in palm oil mill design, mill upgrading and mill troubleshooting as well as palm oil waste handling & management.

As holding the qualification as Competent First Grade Steam Engineer (JKKP, Malaysia), currently he is performing his professional service by taking the responsibility and challenges (overall mill operation) for a well-established palm oil group of company which owns 100 tons per hour capacity palm oil mills, plantations and subsidiary plants, which aggressively embark involving in palm oil mill processing, long fiber plant, short fiber plant, organic waste water treatment plant design & management ,biomass power plant, biogas capturing plant, CHP plant and of course green energy generation for grid connection (Feed in tariff) besides islanded unit for in-house consumption. The speaker is a corporate member of The Institutions of Engineers Malaysia (IEM) in Mechanical Discipline. He is also a Registered Professional Engineer with Practicing Certificate (PEPC) with the Board of Engineers Malaysia (BEM). He is a qualifiedASEAN Engineer (AE), APEC Engineer and International Professional Engineer MY_E_00573. Currently he is the Deputy Chairman of Agricultural & Food Engineering Technical Division (AFETD), The Institutions of Engineers Malaysia, IEM.