

Webinar Talk on

“BIOCNG® - An Excellent Opportunity to Palm Oil Mill Owners In Terms Of Commercial and Environmental Sustainability”

(Jointly Organized by: Agricultural and Food Engineering Technical Division and Public Sector Special Interest Group IEM)

BEM Approved CPD/PDP Hours: 2

Ref. No: IEM20/HQ/072/T (w)

Date : 11th August 2020 (Tuesday) **Rescheduled from 28th March 2020**

Time : 3.00pm – 5.00pm

Speaker : Mr. K. R. Raghunath (Founder & C.E.O), KIS, Singapore

SYNOPSIS

BIOCNG® is an excellent opportunity to all palm oil mill owners to achieve sustainability and to reduce their energy costs as BIOCNG® has a calorific value of 12,000 k cal. BIOCNG® is generated from biogas by treating the POME which is a waste and if left untreated produces methane emissions. Using this POME which has no cost / available for free in our ZPHB® Anaerobic digester produces Biogas which is upgraded to BIOCNG®. This BIOCNG® has many application in the plantations itself viz; it can be used in the lorries/trucks which transports FFB to the mill, can be used in gensets to replace the use of diesel thus reducing the cost. It can also be injected into the natural gas line so that it can be used in various industries for their energy requirements. Thus The BIO-CNG can be a win – win solution in Palm Oil Mills in terms of insitu production and consumption.

The environmental benefits are huge with CO₂ emissions reductions to the tune of 89,269 tons/year by methane emissions reductions and replacement of fossil fuels like, diesel. Moreover the implementation of the project is very quick and returns start within 6 months of commissioning. Besides the mentioned benefits, another major advantage is, BioCNG® project generates more employment when compared to Biogas Power Plant / Other Renewable Energy Plants.

SPEAKER'S BIODATA



Mr. K. R. Raghunath graduated from Karnatak University in Bachelor of Engineering and Management and MBA (1992). He has more than 25 years of international experience of working in different MNC's and executing projects in China, Indonesia, Malaysia, Papua New Guinea, Colombia, Ivory Coast, Dubai, Nigeria, Singapore, India and many other countries. He is **Innovator, Creator and Promoter** and has developed firsts-of-its-kind sustainable clean technologies. Under his leadership KIS GROUP has become the **Most Awarded Biogas technology provider in Asia and is Market Leader with Number 1 position in Biogas Power and BIO-CNG projects in South East Asia.**

Developed many innovative first of its kind ZPHB® (ZERO POND™, ZERO POLLUTION™ SYSTEM & Higher Biogas™), ZCT® (Zero Chemical Technology), Sustainable Clean Technologies for Solid and liquid waste from agricultural industries. Most of the projects are registered in UNFCCC as CDM projects. Instrumental in spearheading the Biogas industry in South East Asia and making KIS Group footprint in 6 countries India, Singapore, Indonesia, Malaysia, UAE, Colombia and Brazil.

Media: Interviewed by Channels News Asia in Singapore, The Times Now and technical articles in many International magazines – Info Sawit and Media Perkebunan. For these achievements in Innovative Sustainable Solutions he has been awarded in UK, Singapore, Germany and India.

REGISTRATION
(effective on 1st August 2020)

IEM Member : RM15
Non IEM Member : RM50

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