

Building Operational & Maintenance Excellence in Palm Oil

20, 21 May 2026



Location
Bangi Golf Resort, KI, Malaysia

Palm Oil

GROWING THE FUTURE WITH SUSTAINABLE AGRICULTURE

Exclusive Tour

MPOB Research Lab

Jointly Organized by



KLM

Technology
Group

Supported by



HRD Corp Claimable



About Us



Dr. Zafarizal



Assoc. Prof. Ir. Ts.
Dr. Parthiban Siwayanan



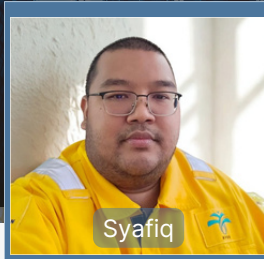
Karl Kolmetz



Dr. Nagendran
Lechumanan



Dr. Azmil Mohd Noor



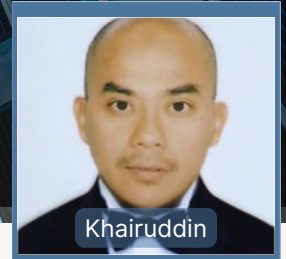
Syafiq



M Rohizat Abd Aziz



Harunasir Atan



Khairuddin

1. Introduction

KLM Technology Group and Summit Technology Solutions, with the support of the Malaysian Palm Oil Board (MPOB), are organizing two specialized conferences aimed at advancing technical capability and operational excellence within the palm oil industry

2. Courses

Palm Oil Design, Operation, Maintenance & Troubleshooting (18, 19 May 2026)

Focuses on strengthening technical understanding in plant design, operational efficiency, maintenance strategies, and systematic troubleshooting practices to enhance plant reliability and performance.

Building Operational & Maintenance Excellence in Palm Oil (20, 21 May 2026)

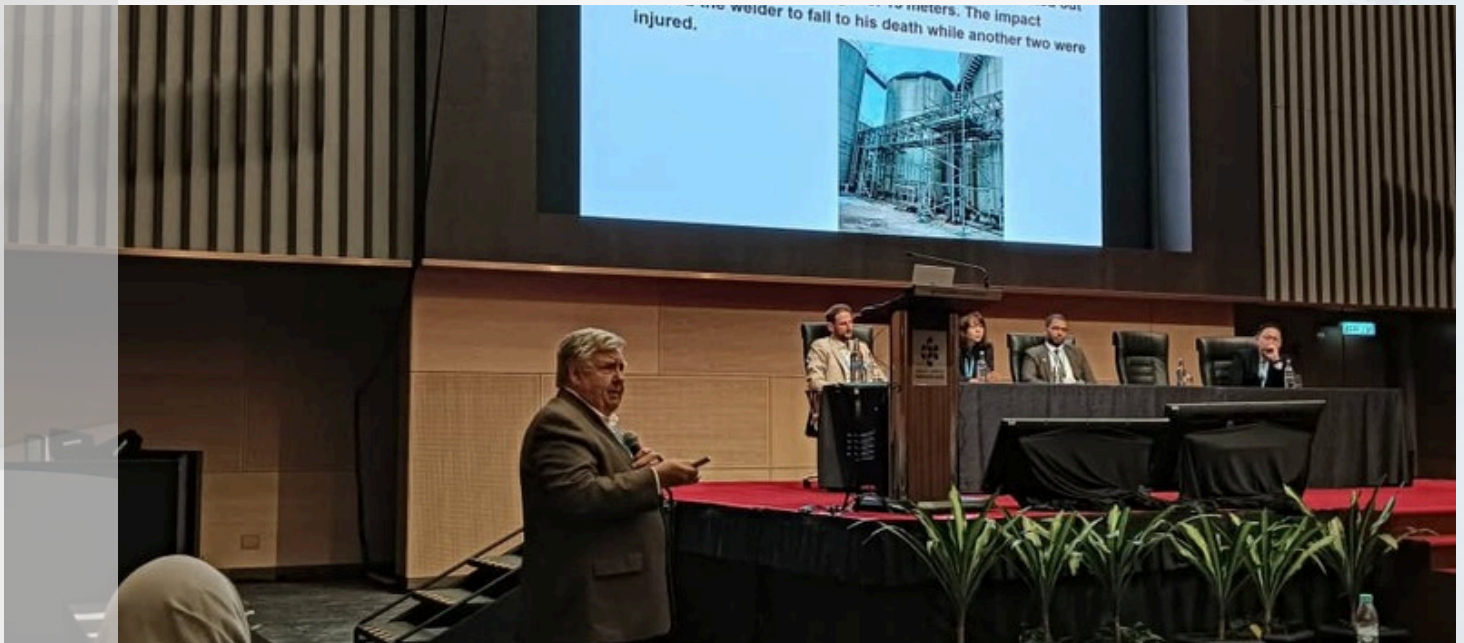
Emphasizes leadership, systems improvement, maintenance culture, and long-term performance sustainability to help organizations achieve operational excellence.

3. Destination

The conferences provide a comprehensive platform for industry professionals to gain practical knowledge, share real-world experiences, and develop actionable strategies that drive continuous improvement in palm oil operations.

20, 21 MAY 2026

Building Operational & Maintenance Excellence in Palm Oil



Objective

This specialized conference will feature academic and industry speakers and focus on Palm Oil Downstream Derivatives and Applications, with discussions on Building Operational and Maintenance Excellence. This will include Palm Oil Process Equipment Design, Operation, Maintenance and Troubleshooting. Topics will include Distillation, Catalytic Operations, Fractionation / Crystallization, Capacity Improvements, Removal of Impurities, Meeting Product Specifications and Safety.

The Palm Oil Downstream is divided into at least three sections.

Oleo Food - Cooking Oil, Margarine, Shortening, Vitamins (Pharmaceuticals) and others.

Oleo Chemical – Fatty Acids, Biosurfactants, Bioplastic, Cosmetics, Paint Color, Bio lubricant and others.

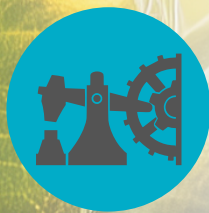
BioFuel – Biodiesel, Green Gasoline, Green Diesel, SAF (Sustainable Aviation Fuel) and others.

This conference will be Malaysian Human Resources Development Fund (HRD) approved and essentially no cost to Malaysian Employees as we will only charge the HRD refundable fee, and low cost to international participants.

Our Sustainable Practices



Design



Operation



Maintenance



Troubleshooting

Speakers Meet

Dr. Zafarizal Aldrin Bin Azizul Hasan

Malaysia Palm Oil Board
Opening and Welcome

Karl Kolmetz

KLM Technology Group
Overview of Palm Oil Equipment and Safety

Ahmad Syafiq Bin Ahmad Hazim

Malaysia Palm Oil Board
Project Management:
Development of New Products

M Rohizat Abd Aziz

Volterra Industries Sdn Bhd
Palm Oil Reactor System Design,
Loading and Troubleshooting

Karl Kolmetz

KLM Technology Group
Palm Oil Distillation Design Operation,
Maintenance and Troubleshooting

Dr Nagendran Lechumanan

SD Guthrie
Food Safety in Palm Oil -
The Chemistry, The Mitigation, The Future

Assoc. Prof. Ir. Ts. Dr. Parthiban Siwayanan

Thermal Runaway Post-Incident Analysis:
A Malaysian Case Study

Dr. Azmil Mohd Noor

Malaysia Palm Oil Board
Quality Analysis

Karl Kolmetz

KLM Technology Group
Palm Oil Heat Exchangers Design, Operation,
Maintenance and Troubleshooting

Khairuddin Samsuri

Summit Technology Solutions
Effective Palm Oil Operations
and Maintenance Training

Harunasir Atan

PT Energi Sejahtera Mas
Palm Oil Processing Overview with
Process Safety

Maintenance Optimization
Strategies

Palm Oil Fractionation / Crystallization
Equipment Design, Operation,
Maintenance and Troubleshooting

Palm Oil Rotating Equipment Design,
Operation, Maintenance and Troubleshooting



Fee **RM 3500 / 2 day Conference) (HRD Refundable)**

Location **Bangi Golf Resort**
1, Persiaran Bandar, Seksyen 1,
43650 Bandar Baru Bangi, Selangor,
Malaysia



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