

OPTIMISE Training Calendar 2025

Training	Date	Training Mode & Venue
Real Time Energy Optimisation Feasibility Analysis Using RENKEI Control	16th January	Online & Physical
Understanding Energy efficiency conservation act (EECA) and Its Impact on Companies	13th March	Online
Concept and Procedure for the Establishment of an Energy Management System (EnMS) Based on ISO 50001:2018	7th-8th May	Physical
ESG Assurance Certification Lead Auditor Course	13th-14th May	Physical
ISO 50001:2018 Energy Management System Lead Auditor Training	14th - 18th July	Physical
Thermal Energy Recovery Technologist (TERT) Level 1: Basic OF Heat Recovery Optimisation	17-19th June	Physical
Greenhouse Gas (GHG) Emissions Accounting and Reporting	24th - 25th June	Online
Understanding Energy efficiency conservation act (EECA) and Its Impact on Companies	26th June	Online
Product Carbon Footprint	23rd-24th July	Physical
Concept and Procedure for the Establishment of an Energy Management System (EnMS) Based on ISO 50001:2018	6th-7th August	Physical
Thermal Energy Recovery Technologist (TERT) - Level 2: Heat Recovery Optimisation for Retrofit Design	27th-28th August	Online
Industrial Thermal Energy Audit and Analysis (ITEA) (Detailed Energy Audit for Thermal System)	8th-10th September	Physical
Thermal Energy Recovery Technologist (TERT) Level 3: Professional (Certification)	16th October	Online
Greenhouse Gas (GHG) Emissions Accounting and Reporting	28th-29th October	Physical
Industrial Thermal Energy Audit and Analysis (ITEA) (Detailed Energy Audit for Thermal System)	4th-6th November	Physical
Concept and Procedure for the Establishment of an Energy Management System (EnMS) Based on ISO 50001:2018	16th-17th December	Physical

- Suruhanjaya Tenaga CDP will be applied upon EECA enactment..
- HRD Claimable.
- Date subject to changes.
- ** Physical workshop will be conducted at Putrajaya/Sepang/Kuala Lumpur area



optimalsystems.my/upcoming-training-list/



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OPTIMISE Energy Audit, GHG Accounting and EnMS Track Records

- Led UTM to be globally ranked 1st on SDG 7 - Affordable and Clean Energy
- Co-developer of ASEAN EMGS Energy Management System Standards with MGTC.
- Led UTM to win the ASEAN Energy Award and EMGS 3 Star EMGS Gold Standard.
- Involved in certification of energy managers and energy end users for 15 years.
- Developer of award-winning energy audit and energy monitoring software.
- Led UTM to achieve over RM 30 million energy savings between 2011-2023.
- Instructors with over 20 years experience conducting energy audit and optimization projects and professional training for over 500 national/multinational companies.
- Certified trainer, auditors & centre for training and certification of energy managers.

Selected References

- Shell, Middle Distillate Synthesis
- BP – Amoco
- MLNG
- Felda Proctor and Gamble
- MIMOS Semiconductor
- Riau Pulp and Paper Mill
- Qatar LNG
- Pertamina Engineering Group
- PT Titan Petrokimia Interindo
- Pan Century, IOI Oleochemicals
- BASF – Petronas
- MTBE (Petronas)
- Huntsman Tioxide
- Malaysia Newsprint Industries
- Malaysia Palm Oil Board
- Malaysia Energy Commission
- Technip (M) Sdn Bhd
- PT Chandra Asri
- Petronas Penapisan (M) Sdn Bhd
- Petronas Gas Sdn Bhd
- Kaneka Malaysia
- UKM, UPM, USM, UM, MICET

*Note: Training dates & venues are tentative and may subject to changes.

**ST CDP may be subject to changes based on latest approval of ST for the year.

***Physical Training Venue is TBC (To be Confirmed)

****ST (Suruhanjaya Tenaga)

Refer to <https://optimalsystems.my/upcoming-trainings-list/> for latest schedule dates.

In-House Training Brochure: https://bit.ly/inhouse_training_brochure

Registration Form: <https://shorturl.at/dxcas>



20+

Years Experience in
Energy Audit and
Optimisation

500+

National & Multinational
Companies Benefitted
from our Energy Training
Workshops

#1

Global Rank in Research
'Heat Exchanger. Retrofitting
and Design' Elsevier Scival
Spotlight 2014



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