



INTRODUCTION TO ENERGY EFFICIENCY

COURSE OVERVIEW

Energy efficiency is a way of managing the amount of energy used in producing a certain amount of output. The aim is to achieve more output with the same (or less) input. The amount of energy consumption varies from industry to industry and can account for up to 40% of operating costs which is the case for the manufacturing sector.

LEARNING OBJECTIVES

On course completion you will be able to:

- Understanding motivations - Drivers for Energy Management
- Understanding energy use - Measure, Monitor & Target
- Understanding the opportunity - Identifying Energy Savings
- Making sure you succeed - Energy Management Systems
- Looking beyond energy efficiency - Corporate Sustainability

TARGET AUDIENCE

This programme is intended for organisations that are interested in implementing energy efficiency into their existing operational systems for continuous improvement in sustainability and enhancing organisations' competitiveness by identifying key energy savings areas, including (but not limited to): Operational and behavioural changes, LEDs and efficient lighting solutions, Energy efficient boilers, Well-insulated cold rooms/freezers, Chillers and HVAC systems, Compressors

7 SCEM-PDUs
AWARDED

PEB PDUs TO BE
AWARDED

APPLICABLE FOR
PRODUCTIVITY AND
INNOVATION CREDIT
(PIC)

1 JULY 2016

9:00AM - 5:00PM

SEAS Training Centre
9 Penang Road, #08-02 Park Mall, Singapore 238459



Supported by:



INTRODUCTION TO ENERGY EFFICIENCY

PROGRAMME OUTLINE

The course focuses on implementing the practices to help your organization to develop and implement policy, identify significant energy and improve energy performance.

The course programme includes the following main topics:

- Introduction to Energy Management
- Understanding Energy Consumption
- Mobilisation of the Business
- Identify Initial or Early Wins
- Audit Process
- Evaluate of Findings during Energy Audit
- Develop Baseline and 2 - 3 years' Reduction Target/Plans
- Develop Business Case for Internal Management and SPRING Singapore
- Identify Funds Sourcing (SPRING Singapore Capability and Development Grant/CDG)

ABOUT THE TRAINERS



Mr. Yeo Kim Dek obtained his bachelors in Mechanical Engineering from the University of Sydney and majored in Renewable Energy during his final year. His thesis involved utilising computational fluid dynamics to simulate the mixing of two different mixtures in a bio-digester which is key to ensure homogenous mixing for different speeds.

After graduating, he was involved with the Global Carbon Market registering 4 Clean Development Mechanism (CDM) projects under the United Nations Framework Convention for Climate Change (UNFCCC) framework while overlooking a portfolio of projects across the region. He also assisting organisations towards being carbon neutral through advisory of carbon footprinting and with the selection of the associated credits.

He is a Singapore Certified Energy Manager (SCEM) and has carried out energy audits for within the region for hospitality, commercial and manufacturing facilities. This is led to organisations reducing their energy consumption while reducing their overheads thus improving the bottom line.

RATES

| EARLY BIRD <small>(before 10 June)</small> | NORMAL FEE | GROUP FEE |
|---|-------------------------|--|
| S\$150.00 (SEAS Member) | S\$230.00 (SEAS Member) | S\$200.00 (4+ delegates from 1 organization) |
| S\$230.00 (Non Member) | S\$300.00 (Non Member) | |

*EENP and NTUC member is entitled to SEAS member rate

*Fees are inclusive of GST

*SEAS reserves the right to make changes to the trainer, programme, venue, cancel or reschedule the programme if necessary or warranted by circumstances beyond our control

*Payment to be made by the early bird closing date to enjoy early bird rate

*Enjoy group discount for 4 or more delegates registered at the same time from the same organisation and same billing source

*Only one type of discount scheme is applicable at any one time

*Payment to SEAS & Address: Please send a crossed cheque to:

Sustainable Energy Association of Singapore, 9 Penang Road, #08-02 Park Mall, Singapore 238459

CALL US AT 6337 9886 TO ENQUIRE

REGISTRATION FORM

Yes! I would like to register for this programme

I am unable to attend but please put me on your mailing list

| PARTICIPANT'S DETAILS | | Number of Delegates | Fees Payable |
|-----------------------|---------------------|---------------------|--------------|
| 1 | Name (Dr/Mr/Mrs/Ms) | NRIC No | Designation |
| | HP No | Email | PEB |
| 2 | Name (Dr/Mr/Mrs/Ms) | NRIC No | Designation |
| | HP No | Email | PEB |

ORGANIZATION'S DETAILS

| | |
|-----------------|-----|
| Company Name | |
| Company Address | |
| Contact Name | Tel |
| Email | Fax |