



# 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 organisation's competitiveness by identifying key energy savings area, 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

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**SCEM-PDUs TO BE AWARDED**

**PEB PDUs TO BE AWARDED**

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**APPLICABLE FOR PRODUCTIVITY AND INNOVATION CREDIT (PIC)**

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10 FEBRUARY 2017

9:00AM - 5:00PM

SEAS Training Centre

No. 9 Raffles Place Level 18, Republic Plaza II, Trademark Meeting Room



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 Klm 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 foot printing 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 (before 23 Dec)	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 Union member is entitled to SEAS member rate

\* Fees 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, 1 Cleantech Loop, #02-16 Cleantech One, Singapore 637141

# CALL US AT 6338 8578 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
	HP No	Email	Designation
			SCEM <input type="text"/>
2	Name (Dr/Mr/Mrs/Ms)		NRIC No
	HP No	Email	Designation
			SCEM <input type="text"/>

## ORGANIZATION'S DETAILS

Company Name	
Company Address	
Contact Name	Tel
Email	Fax