



# Energy Management System (ISO 50001:2011) Foundation Course

PDUs to be awarded by Professional Engineers Board, Singapore

**Date** : 4 & 5 July 2012

**Time** : 9.00 am to 5.00 pm

**Venue** : Furama RiverFront, Singapore  
405 Havelock Road  
Singapore 169633

Energy efficiency and energy resource management is very relevant in today's context of global warming and climate change. Energy production is responsible for sixty percent of the world's Green House Gas emissions. The ISO 50001:2011 Energy Management System standard is in line with this requirement to help firms and organizations address and reference energy management issues on a global standard. This 2-day workshop provides participants with practical tools and methods for implementing an energy management system for the improvement of energy efficiency in their organization.

## Objectives

At the end of the course, the participants will be able to:

- Explain and discuss the purpose and importance of an ISO 50001 Energy Management System
- Apply the principles and initiate the implementation of an ISO 50001 Energy Management System

## Target Audience

The course is for engineers, managers, and technical staff involved in the design, development and implementation of an Energy Management System.

## Programme Outline

The course combines discussions necessary to provide the knowledge and principles of EnMS and workshops and exercises for the practical application of the basic principles and to gain the skills in EnMS implementation.

The course programme includes the following main topics:

- Introduction to Energy Management
  - Background on Energy
  - Benefits of Energy Management
  - Principles of Energy Management
- Management Responsibility
  - Management Commitment
  - Organizational Structure
- Energy Management Planning
  - Energy Profiling
  - Energy Baseline
  - Applicable Legal and other requirements
  - Performance Indicators
  - Energy Management Action Plans
- Implementing Energy Management System
  - Competence and Training
  - Communication
  - Design of systems
  - Purchasing
  - Operation and Maintenance
- Performance Monitoring
  - Energy use
  - Regulatory compliance
  - Management system
  - Corrective and Preventive Actions - Continual improvement
- Documenting EnMS
  - Documentation Requirements
  - Control of Documents
  - Control of Records
- Road to Certification

Organised by:



Supported by:



Sustainable Energy Association of Singapore (SEAS)

2 Bukit Merah Central #18-02 SPRING Building Singapore 159835 Tel: (65) 63388578 Fax: (65) 62764257 www.seas.org.sg

## About SEAS

Sustainable Energy Association of Singapore (SEAS) an industry association launched in 2006, today has 160 members in the area of Energy Efficiency, Solar, Wind, Biomass, Carbon and Clean Energy Financing. SEAS aims to be the voice of sustainable energy industry and promote the business of its member companies.

Today, SEAS is also specializing in running trainings, courses and conferences only in the area of sustainable energy. SEAS aims to be the one stop, information and training provider, in the area of sustainable energy. Our trainers and lectures are not only highly qualified academic professionals but also industry specialists and professionals that are successful and sought after practitioners in the area of Sustainable Energy. Majority of Key Qualified Personnel(KQP) and Accredited Energy Services Companies are members of SEAS. They have, as a group successfully executed a multitude of energy projects with varying complexities both locally and regionally.

## About the Trainer

**Mr. Lim Jit Ting** is a Country Manager of DNV Business Assurance S.E.A which is a world-leading certification body that helps customers manage risks and create opportunities within business excellence, Corporate Responsibility, energy and efficiency, product responsibility, and health and safety. He has more than 30 years' working experience which includes being in a Senior Management position as well as Lead Auditor and Trainer for quality, environment, safety & health courses. He is also involved in Quality System Certification and Fabrication Inspection of offshore installations, ship-repairing and as a Welding Specialist resource for Oil and Gas development projects.

### Energy Management System (ISO 50001:2011) Foundation Course

Date: 4 & 5 July 2012

Time: 9.00 am – 5.00 pm, Venue: Furama RiverFront, Singapore

### Registration Form

- Yes! I would like to register for this programme.  
 I am unable to attend but please put me on your mailing list.

	Early Bird (Registration with payment made on/before 28 May 2012)	Normal Fee (Closing date: 20 June 2012)	Group Fee (Closing date: 20 June 2012)	No. of Delegates	Fee Payable
<input type="checkbox"/> SEAS Member	\$963	\$1284	-		
<input type="checkbox"/> Non Member	\$1284	\$1605	\$963		

- \* Fees are inclusive of GST.
- \* Fees include refreshments, lunch and programme collateral.
- \* Enjoy group discount for 4 or more delegates registered at the same time from the same organization and same billing source.
- \* Only one type of discount scheme is applicable at any one time.
- \* Please print and complete additional sheets where necessary.
- \* Important: Walk-in delegates will only be admitted on the basis of space availability and with full payment made on site.

#### Participant's Details

- 1 Name (\*Dr/Mr/Mrs/Ms): ..... NRIC:.....  
Designation:..... HP No:..... Email:.....
- 2 Name (\*Dr/Mr/Mrs/Ms): ..... NRIC:.....  
Designation:..... HP No:..... Email:.....
- 3 Name (\*Dr/Mr/Mrs/Ms): ..... NRIC:.....  
Designation:..... HP No:..... Email:.....

\*Please delete accordingly

#### Organization's Details

- Company Name: .....
- Company Address: .....  
..... Postal:.....
- Contact Person's Name : (\*Dr/Mr/Mrs/Ms) .....
- Tel: ..... Fax: .....
- Email: .....

### Administrative Information

#### Registration and Payment

Please complete the enclosed registration form and forward it together with your **cheque at least 7 days** before the commencement of the programme to

**Sustainable Energy  
Association of Singapore  
2 Bukit Merah Central  
#18-02, Spring Building Singapore  
Singapore 159835**

Crossed cheque should be made payable to  
**"Sustainable Energy  
Association of Singapore"**  
Application will close on **20 June 2012**.

#### Cancellation

SEAS reserves the right to change programme venue, cancel or reschedule the programme if necessary or warranted by circumstances beyond our control.

There will be no refund of fees for withdrawal. However, if the registration participant is unable to attend, a representative may be allowed to attend at no extra cost. Please inform us of the changes by fax or via email 3 days before the commencement of the programme.

#### Confirmation of Registration

Confirmation of registration will be given 5 working days before the commencement date via email. Registration is confirmed only upon receipt of payment.

If you do not hear from us  
**Please contact Ms Queenie Heng at:  
Tel: 63388578  
Email: training@seas.org.sg  
Fax your registration form to 62764257**