



Getting Started - Measuring and Reporting Carbon Footprint

NEW

7 PDUs awarded by Professional Engineers Board, Singapore

Date : 26 August 2010

Time : 9.00 am to 5.00 pm

Venue : SPRING Singapore
2 Bukit Merah Central
Singapore 159835

Global climate change is widely regarded as one of the 'greatest environmental threat' facing the world today. With the increasing focus on climate change mitigation, there is increasing pressure on and recognition for businesses to understand and reduce their carbon footprint, while at the same time remaining profitable and competitive in the global market. This workshop will provide delegates with a practical understanding of what it means and what it takes to manage and report their carbon footprint.

This one day workshop is the second section of a planned 3-section carbon management series in providing a practical understanding and developing a full carbon reduction programme.

Section 1 – What is Carbon Management? - An Introduction.

The workshop is intended to provide a general introduction to the theory and background to carbon management.

Section 3- What's Next after Carbon Footprint? Monitoring and Reducing.

This is intended to provide a practical approach to carrying out communication strategies and carbon reduction feasibility studies

Objectives

The objectives of this one day workshop are to provide:

- an initial understanding of what carbon management is
- why an organisation should consider measuring and reporting carbon emissions, and
- a practical tutorial to how to carry out a baseline carbon footprint study.

Target Audience

This workshop is intended for anyone within an organisation interested and responsible for carbon reduction, corporate sustainability team, consultants and advisors. (To maximise the benefits of the course, participants are advised to prepare the following from their own organisation (if available and relevant): organisational chart, organisational operations, energy data, transport fleet data and employee travel data)

Programme Outline

Background on climate change

- Brief background into the science of climate change
- Update on the latest climate policy development

Overview of climate policies

- General overview of international, regional and national policies relating to climate change
- Update on the latest climate policy development
- Explanation and definition of the various carbon terminologies (e.g. carbon credits, CDM, carbon footprint etc)

Background to carbon management

- Introduction to carbon management and overview of the key stages with relation to carbon footprint process
- Reasons and benefits for implementing a carbon management programme (e.g. operational savings, CSR, enhanced reputation)

Measuring carbon footprint- step by step guide

- Introduction to carbon footprint methodologies and standards
- Defining scope and boundary of carbon footprint
- Identifying sources of emissions
- Data collation and quality assessment
- Carbon factors and calculation

Verification and reporting

- Verification and reporting of carbon footprint
- Tools available to report carbon footprint
- Case studies examples

Practical session

- Group exercise
- Identify organisation's operations and emission sources
- Advice on data analysis and carbon reporting

Organised by:



Supported by:



About SEAS

Since 2001 the predecessor of SEAS, Industry Committee for Energy Efficiency (ICEE) a part of Singapore Association for Environmental, Occupational Health and Safety Companies (SAFEco) has been conducting seminars, workshops and conferences in the area of energy efficiency and management. ICEE/SAFEco was the first organization to launch the Specialist Diploma in Energy Efficiency in conjunction with Singapore Polytechnic.

Today, SEAS is specializing in running trainings, courses and conferences only in the area of sustainable energy i.e. energy efficiency and management, renewable energy, carbon trading as well as funding and financing of clean energy projects. 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 and Accredited Energy Services Companies are members of SEAS. They have, as a group successfully executed a multitude of energy projects with varying complexities which demands both locally and regionally.

About the Trainers

Gary Foster has more than 8 years experience in corporate carbon management. For 2 years, he has been technical lead and co-sponsor of a high profile carbon reduction project involving the Confederation of British Industries (CBI) and over 15 leading blue chip corporate companies. He was based at South East England Development Agency as Regional Manager for UK Government's Carbon Trust, a key part of the UK Climate Change Programme before. He has also led carbon emissions reduction and other technical aspects of a strategic environmental study at Changi Airport, Singapore.

Yee Chow holds a Masters in Environmental Technology and has extensive consultancy experience in carbon management, renewable energy, climate change policy and sustainable buildings sector. He was working in Energy & Sustainability Consultant Scott Wilson Group plc in UK where he was involved in numerous renewable energy and carbon analysis studies. He was appointed Project Co-ordinator responsible for developing a methodology for Changi Airport's carbon footprinting study. He also participates actively in researches involving energy and carbon has published and presented at a number of international conferences.

Nicolas Moossa specialises in ecologically sustainable designs, condition assessments, and research and development. He has developed a wide spectrum of knowledge in the field of building materials evaluation, durability and life cycle assessments, maintainability and maintenance of buildings. In recent years, Nicolas has worked on environmentally sustainable building projects and strategies for energy and carbon reduction. He has led various projects to determine and achieve sustainability goals, and has advised on passive design, energy efficiency, potential CO2 emission reductions and sustainable construction practices. Nicolas holds a Masters Degree in International Construction Management and is a chartered builder and a certified Green Mark Professional.

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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 19 July 10)	Normal Fee (Closing date: 5 August 10)	Group Fee (Closing date: 5 August 10)	No. of Delegates	Fees Payable
<input type="checkbox"/> SEAS Member	S\$250	S\$380	-		
<input type="checkbox"/> Non Member	S\$380	S\$500	S\$300		
			Total		

- * 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): Designation:
 HP No: Email: PEB
- 2 Name (*Dr/Mr/Mrs/Ms): Designation:
 HP No: Email: PEB
- 3 Name (*Dr/Mr/Mrs/Ms): Designation:
 HP No: Email: PEB

*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"**
 Applications will close on **5 August 2010**.

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 Joann Ng at: 63388578
Email: training@seas.org.sg
Fax your registration form to 62764257