



EMISSION REDUCTIONS & THEIR IMPLICATIONS FOR RISK MITIGATION & VALUE CREATION

COURSE OVERVIEW

A basic level course intended for adopters of Carbon Neutral Economy. The aim is to provide a basic understanding of zero carbon footprint opportunities and challenges. Being sustainable does not mean bearing additional expenses. Combining Integrative Design Process with understanding of carbon credits market creates additional value for business and decreases payback of investments.

COURSE OBJECTIVES

On successful completion, the candidate will be able to:

- Understand the implications of carbon credits markets to his business
- Time effectively and cost efficiently set up carbon neutrality program for his business
- Combine IDP with carbon credits issuance and offsetting for the value creation
- Calculate carbon footprint for his business
- Differentiate between various carbon credit standards and choose appropriate framework for his business
- Use primary and secondary carbon credits markets for value creation and risks mitigation

SCEM & PEB PDUs TO BE AWARDED

APPLICABLE FOR PRODUCTIVITY AND INNOVATION CREDIT (PIC)

29 JULY 2016

9:00AM - 5:00PM

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



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PROGRAMME OUTLINE

Session 1: An introduction

- Raise awareness of the history, importance, mechanisms and benefits of reducing carbon emissions
- Identify and plan actions required to establish current carbon footprint
- Discover or create a clear understanding of options for reducing emissions

Session 2: GHG audit and Energy Conservation Act

- Positive impact of GHG Audit on business value
- Timeline and key steps
- Cost of GHG Audit vs payoff of the investment

Session 3: Setting up & implementation of carbon neutrality program

- Setting target to net zero emissions
- Reducing emissions via internal reductions (IDP) both for retroduct and new projects
- Issuance of carbon credits and offsetting of remaining emissions via appropriate carbon standards
- Certifications
- Life examples

Session 4: Available carbon credit standards & their potential for business value creation during the coming years

- Types of carbon credits
- Primary and secondary market and its potential volume and value
- Listing and Trading

Session 5: Sample project - retrofit (IDP, carbon credits issuance & offsetting)

- Define the subject and measure emissions (sample calculations)
- Set target to net zero emissions
- Reduce emissions via internal reductions (IDP)
- Issue carbon credits
- Offset using appropriate standard
- Communicate & certify

Session 6: Next Steps

ABOUT THE TRAINERS



Vinod Kesava (CEO & Managing Director), Climate Resources Exchange (2014) Pte Ltd

has been involved in the carbon and renewable energy markets in Europe and Asia since 2001. Between 2003 and 2007, Vinod co-founded, designed and successfully implemented the world's first carbon exchange trading in CDM-derived emission reductions, through a unique action process. This provided a clear system of transparency and price-discovery for the carbon markets, for real, long-term and measurable carbon reduction units.

Vinod has originated and developed over 40 projects under the CDM and other sustainable energy initiatives. In 2009, he designed and developed Singapore's first Program of Activities (PoA) under the CDM for energy efficiency in chiller plants for commercial and industrial buildings. The PoA received Host Country Approval - a key milestone for proven sustainability benefits from both the Singapore's National Environment Agency and the UK's Department of Energy and Climate Change. The buildings that may need most attention under this PoA are data centers, wafer fabrication plants and buildings that operate on a 24/7 basis. In the last few years, Vinod has also developed a few new PoAs under the CDM/VCS - Gold Standard for micro-hydro, lighting, wind and solar power that will undergo validation in 2013.

RATES

EARLY BIRD (before 30 June)	NORMAL FEE	GROUP FEE
SEAS Member: \$200.00 Non Member: \$320.00	SEAS Member: \$320.00 Non Member: \$400.00	\$250.00 (4+ delegates from 1 organization)

* Fees inclusive of GST

* Registration is confirmed only upon receipt of payment

* 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) HP No Email NRIC No Designation PEB <input type="text"/>		
2 Name (Dr/Mr/Mrs/Ms) HP No Email NRIC No Designation PEB <input type="text"/>		

ORGANIZATION'S DETAILS

Company Name	
Company Address	
Contact Name	Tel
Email	Fax