

RETROFITTING BUILDINGS FOR ENERGY EFFICIENCY

Financing and benchmarking your retrofitting techniques and investment



WHY BUILDINGS

The government has raised electricity tariff by 7.12% starting June 2011 as part of its ongoing subsidy rationalisation exercise plus 1% as Feed-in-Tariff (FIT) for RE Fund will be imposed on consumers' monthly bill (excluding Domestic consumers with monthly consumption of 300kWh and below) effective 1st December 2011.

More than one-third of worldwide energy is consumed in buildings, accounting for more than 15 percent of global carbon emissions. In large cities, building energy use can account for up to 80 percent of carbon emissions. Most of the buildings that will be around in the future have already been built and are affecting our environment. And while many of these buildings were not designed for energy efficiency, a typical building can realize significant energy savings by retrofitting with up-to-date technologies and systems and optimizing operations. Reducing building energy use has a significant environmental and economic impact, greatly reducing both carbon emissions and operational costs. Building retrofit projects also benefit local economies by creating jobs.

As the economy moves towards dip recession, building and industry owners have to seek ways to cut costs, retain tenants, increase market performance and gain competitive advantage. An energy-efficient retrofit can achieve these objectives by turning business-as-usual operations into profit centers.

Existing buildings are full of energy efficiency opportunities waiting to be realized. While some savings are obvious and easy to reach via one-off upgrades of windows, lighting and appliances, by using an integrated, whole-buildings design approach, profoundly larger energy savings can often be gained at little or no added capital cost.

**Source Clinton foundation/ climate Initiative

Who Should Attend

- Building owners and developers
- Facility and property managers
- Energy consultants and auditors
- Energy services companies
- Building consultants
- Financing and investment specialists
- Project managers

Supported By



THE PROGRAM

1 March, 2012
PWTC Kuala Lumpur

8.00am Registration
9.00am Welcoming Note

9.10am **Opening Remarks & Official Opening**
Y. Bhg. Datuk Loo Took Gee, Secretary General,
Ministry of Energy, Green Technology and Water (KetTHA)

9.30am Refreshment

SESSION 1 & 2 : Chairperson (Ir. Dr. K. S. Kannan)

10.00am **Paper 1- Energy Efficiency Strategies to reduce Carbon Emission and create Tax Breaks**
The Sustainable Energy Development Authority of Malaysia

10.30am **Paper 2- Benchmarking Energy Performance**
Benefiting from reduced maintenance costs resulting from lighting upgrade and getting harmonised buy-in across differing departments in energy reduction and ensuring offsets in energy are not unnecessarily lost
Benchmarking
Assessing the effectiveness of smart energy systems
Mr. Poul Kristensen, Managing Director
IEN Consultants Sdn. Bhd.

11.15am **Paper 3- Return of Investment(ROI)** : Choosing the right retrofit and technology for Building Energy Efficiency
Mr. James Chua, Director (Energy & Sustainable Design), G Energy (M) Sdn. Bhd.

11.45am **Paper 4 – Efficient Lighting retrofit**
Lighting Technologies
Electrical Fittings & Daylighting Technology
Mr. K. Seshadri, Chief Executive Officer
Gritti Consulting Singapore

12.30pm Questions and Answers

1.00pm Luncheon

2.00pm **Paper 5 - Air conditioning retrofit:** How do your system design performance against measured performance
Chiller System, Pumps, fans, Air handling units and Cooling Towers
Ir. Kumarason Kandiah, Resource Consultant
Institute Sultan Iskandar

3.00pm **Paper 6- Overcoming Challenges of Existing Buildings**
and managing to improve energy efficiency
Practical and cost effective retrofitting techniques
Upgrading your existing assets and improving their performance
Dr. Lal Jayamaha, Managing Director
LJ Energy Singapore

3.45pm **Paper 7- Financing Building Energy Efficiency Retrofit**
Everything you need to know about funding via Green Technology Financing Scheme and Malaysian Banks to help finance your building retrofit
Credit Guarantee Corporation Malaysia Berhad

4.30pm Questions and Answers

5.00pm Refreshment and End of Session

REGISTRATION FEE

GOVERNMENT RATE : RM 900.00 PER PARTICIPAN

CORPORATE RATE : RM 1,100.00 PER PARTICIPANT

(Noted : Fee includes lunch, refreshments & conference materials/documentation)

TEAM DISCOUNTS!

Teams of 3 or more from the same organisation registering at the same time receive a RM 50 discount each.

Payment by : Bank Draft/Crossed Cheque/Local Order payable to "ISI VENTURES SDN BHD"

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FOR PRIVATE SECTOR

The organisers reserve the rights to stop any registered delegate from taking part in the event if no proof of payment or an undertaking letter can be presented.

FOR GOVERNMENT

A Local Order (LO) or letter of approval to participate must be presented before the event.

Certificate of Attendance will be awarded by
Institute Sultan Iskandar, Universiti Teknologi Malaysia

PAYMENT MODE

(A) Cheque or Bank Draft

Cheque No. :

Bank/Branch :

(B) Bank Transfer

Account Name : ISI VENTURES SDN. BHD.

Account No. : 100190010208

Bank Name : Affin Bank Berhad

Note : Please email/fax to us copy of the transaction.

(C) Local Order (LO)

LO No. :

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CANCELLATION POLICY

For any cancellation, kindly inform the secretariat in writing/fax 3 days before the event, otherwise the conference fees will be billed. Replacement will be accepted. Regrettably, no refund can be made for cancellation receives **after 24 February, 2012.**

**** The organiser reserve the right to make any necessary amendments to the benefits of the seminar*

PLEASE REGISTER THE FOLLOWING PARTICIPANTS:

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