

TWO-DAYS TRAINING WORKSHOP ON "BIOGAS FOR FUTURE"



1-2 December 2012
Kuala Lumpur, Malaysia

ORGANISED BY

MALAYSIAN SOCIETY FOR ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CHEMICAL & ENVIRONMENTAL ENGINEERING
UNIVERSITI PUTRA MALAYSIA

Contact :
Tel: +603-8946 6451
Fax: +603-8656 6481

Website : www.feic.org/CONF/WRICET2012/

INTRODUCTION

Biogas is not new, as it becomes the dominant renewable energy source and its production is likely to increase greatly in the coming decades. Biogas is produced from organic waste materials and can provide a clean, easily controlled source of renewable energy, replacing fossil fuels, which are becoming more difficult to find and extract, more expensive, and subject to intense political debate.

The production of biogas on the basis of residual products such as straw, slurry, animal fat, grass and perennial crops, and also animal manure provides a better energy balance and environmental effect.

OBJECTIVE

This two (2) days training programme is aimed at developing understanding on the potential application, issues and design operation of the biogas systems.

- To educate on the needs of alternative energy from bio-based materials, the issues, application and design operation of common biogas systems.
- To improve awareness related to global energy issues and gain access to technology solutions for effective biogas application system.
- To exchange knowledge and experience sharing of the biogas application.

EXPERTS

The training will be conducted in lecture sessions facilitated by our experts,:

- **Prof. Dr. Bernd Linke, Leibniz Research Institute for Agricultural Engineering (ATB) Potsdam-Bornim, Germany**
- **Prof. Dr. Azni Idris, Universiti Putra Malaysia, and**
- **An Expert from Industrial Sector**
- **Mr. Zainuri Busu, Biomass Department, FELDA Palm Industries Sdn. Bhd. , Malaysia**

Lectures will be delivered based on a given set of course notes.

DURATION OF THE PROGRAMME

The duration of this workshop is 2 days.

VENUE

This program will be held in Kuala Lumpur, Malaysia (exact venue is to be announced soon).

TENTATIVE PROGRAMME

1st Day (1 December 2012) - Saturday

TIME	SUBJECT
8.30 – 9.00	Registration
9.00 – 10.00	Overview of European Biogas - Current and Future
10.00 – 10.15	Morning Tea Break
10.15 – 11.45	Biogas - Its Potentials, Issues and Fundamentals
11.45 – 1.00	Biogas Plant - Planning and Design
1.00 – 2.15	Lunch
2.15 – 3.15	Biogas -Operational Aspects
3.15 – 4.45	Biogas - Performance Monitoring
4.45 – 5.00	Q & A Session
5.00	Tea Break and End of Workshop

2nd Day (2 December 2012) - Sunday

TIME	SUBJECT
9.00 – 10.00	Biogas Experience in Malaysia - Industry
10.00 – 10.30	Morning Tea Break
10.30 – 11.45	Biogas Experience in Malaysia - FELDA
11.45 – 1.00	Non-food energy crops -Its Potentials, Issues and Application
1.00 – 2.15	Lunch
2.15 – 3.45	Biogas from MSW Anaerobic Digestion
3.45 – 4.30	Q & A Session
4.30 – 5.00	Concluding session and Tea Break End of Workshop

Registration Form

Fees

PARTICIPANTS	LOCAL	INTERNATIONAL
Early bird rate	RM 1,300	USD 400
Normal rate	RM 1,500	USD 500
Early bird: before 31 st August 2012		
10% discount for 3 rd and subsequent registration		

HRDF Claimable and 12 CPD Points

To confirm your registration, please complete this form and fax it to 03-8656 7120 / 8656 6481 or email to tinia@eng.upm.edu.my

Method of Payment

Bank draft should be made payable to:
MSET-RSET
 CIMB Bank A/C no.: 1212-00003-96107
 SWIFT CODE: CIBBMYKL

CANCELLATION/SUBSTITUTES/CHARGES

Should you be unable to attend, a substitute is welcome to attend in your place at no additional charge. Please provide the name and designation of the substitute participant no later than 2 days from the date of the event. Participants cancelling 1 week prior to the event will be charged 50%. Full cost will be charged to participant with "No Show". All cancellations of registrations must be made in writing.

1. Name(Mr/Mrs/Ms): :.....

Designation:.....E.mail:.....

2. Name(Mr/Mrs/Ms): :.....

Designation:.....E.mail:.....

3. Name(Mr/Mrs/Ms): :.....

Designation:.....E.mail:.....

Contact Person (Mr/Mrs/Ms):.....

Designation:.....E.mail:.....

Organization:.....

Address:.....

Tel. No.: Fax No.:.....

Date:.....

Company Stamp: