



The Institution of Engineers, Malaysia  
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**Technical Visit to TenAsia Corporation Sdn Bhd (Bio Fibre Composite)**  
 (Organised by the Agricultural and Food Engineering Technical Division)

**BEM Approved**  
**CPD/PDP Hours: 2.5**  
**Ref. No: IEM13/HQ/139/V**

Date : 29<sup>th</sup> June 2013 (Saturday)  
 Time : 10:00 a.m. sharp at the venue  
 Venue : Lot 10701, Jalan Permata 1, Arab-Malaysian Industrial Park, 71800 Nilai, Negeri Sembilan, Malaysia.  
 Transport : Self-arranged. Participants are to assemble at 10.00 a.m. at the venue for registration  
 Fee : IEM Member – RM 30.00 Non-member – RM 50.00

**~ SYNOPSIS ~**

TenAsia was established on Sept 15th 2005, initially executing projects in industrial automation and have grown its specialist into advance composite manufacturing based in Nilai, Negeri Sembilan in Malaysia. This knowledge has led to the development of advance high performance light weight composite materials.

TenAsia has patented a lightest oil palm fruit harvesting pole, the PalmPro™ made using advance carbon fiber composite material. With PalmPro™, the oil palm plantation can harvest tall palms above 9 m until 18 m at ease. It helps in 100% crop recovery for unharvested tall palms and brings FFB yield improvement to over 15 - 30% for tall palms area. Its graphite pole is very light and has high stiffness. This allows the harvesters to work for longer hours and reduce tireness. The poles are easily maintained upright and shifted from tree to tree. The lowering of the poles is easy for hold-on due to its light weight. The poles surface is also non-slip when wet.

TenAsia's growth strategies will extend into a variety of other gadgets, e.g. window cleaning poles, robotic arm, beams reinforcement, composite rebar, oil drilling rod, power transmission cables, wind turbine blades and beyond. TenAsia is also in the development of non-conductive electrically harvesting poles with aims of minimizing high tension power cables injury risks. PalmPro™ in action can be watched in YouTube by keying in [PalmPro Harvesting Pole] or at the TenAsia website, [www.TenAsia.com.my](http://www.TenAsia.com.my)

**Itinerary of the visit**

Time	Itinerary
10.00 a.m.	Registration at TenAsia Corporation Sdn Bhd, Nilai
10.30 a.m.	Briefing on "Carbon fibre composite technology: Application as Tall Palm Harvesting Pole"
12.00 p.m.	Technical Visit at TenAsia Corporation Sdn Bhd
1.00 p.m.	Refreshment and Session End

The visit is strictly **LIMITED to 30 participants** only and registration will be on a first-come-first-served basis subject to payment within 5 working days. Members who are interested to join the visit are requested to return the reply slip to the IEM Secretariat before **24 June 2013** together with a non-refundable commitment fee of **RM30.00** per person and made payable to **The Institution of Engineers, Malaysia**. **Please note that the commitment fee must be settled prior to the visit. Payment on the day of the visit is not acceptable.** After this closing date, IEM reserved the right to allocate seats on first come first pay basis. Members are also reminded that if a place is reserved, IEM **may cancel the reservation** if payment is not received. If IEM maintained the reserved seat and the intending participant failed to attend the visit on the date of the event, the fee will still have to be settled in full.

**Ir. Assoc. Prof. Dr. Chin Nyuk Ling**  
**Chairman Session 2013 - Agricultural and Food Engineering Technical Division, IEM**

**REPLY SLIP (Fax to: 03-7957 7678)**

Chairman, Agricultural and Food Engineering Technical Division, IEM  
 The Institution of Engineers, Malaysia

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I wish to participate in the above visit on ..... I enclosed herewith cash/cheque no. .... for the amount of ..... as my commitment fee for the visit.

Name of Member : ..... M'ship No: .....  
 Company's Name: ..... I/C No: .....  
 Address : ..... Tel : .....  
 ..... Mobile : .....  
 Email: ..... Fax No: .....

I will be participating in the visit at my own risk and hereby indemnify fully the IEM from all claims arising from any injury, damage or loss that may be sustained by me.

(Date) ..... Please bring along this flyer for confirmation of attendance (Signature) .....  
 (Photostat copies are acceptable)