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MALAYSIAN INSTITUTE OF ARCHITECTS

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# WHAT IS A SUSTAINABLE TOWNSHIP?



Sustainable Townships are livable places that meet the diverse needs of the community, both now and in the future. They are places that are well planned and designed, safe and secure, and enhances the surrounding environment, thus providing a high quality of life for the people who live, work and play there.



The Triple Bottom Line Model

## EVENTS

**26 February 2011**

**PAM CPD SEMINAR**

Design for Earthquake

*By* Dr. Jeffrey Chiang

*Venue* PAM Centre, Kuala Lumpur

**26 February 2011**

The Business of Architecture: A Discussion on the 'Key Factors for Success'

*By* YBhg. Dato' Ar. Dr. Ken Yeang King Mun

*Venue* PAM Sarawak Chapter

**5 March 2011**

ISO Certification

*Venue* PAM Centre, Kuala Lumpur

**19 March 2011**

The Business Side of Architecture Practice

*By* Ar. Koh Beng Teck

*Venue* PAM Centre, Kuala Lumpur

**24 March 2011**

Building Trade Show (BTS) 2011

*Venue* Borneo Convention Center Kuching

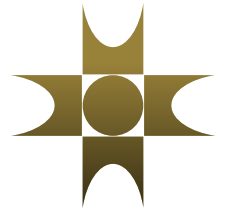
**21 – 24 April 2011**

IPEX Exhibition 2011

*Venue* Sabah Trade Centre,  
Kota Kinabalu, Sabah

Kindly note that the scheduled events above are subject to change. Please call PAM at 03-26934182 for confirmation.

# PAM GOLD MEDAL 2011



PAM Council invites nominations for PAM Gold Medal Award 2011.

PAM Gold Medal is the highest honour awarded by PAM to recognise **lifetime achievement in architecture** by Malaysian architects, whose careers have endowed the profession with great distinction and have promoted, either directly or indirectly, the advancement of architecture in Malaysia or internationally.

The updated and complete rules for the award are available on PAM website.

The selection will be made by the PAM Gold Medal 2011 Jury chaired by the PAM President Ar. Boon Che Wee. The other members of the Jury appointed by PAM Council are PAM Gold Medalist 2001 Ar. Hijjas Kasturi, PAM Past President Ar. Dr Tan Loke Mun, PAM Past President Ar. Lee Chor Wah, and PAM Award winning architect Ar. Laurence Loh.

All nominations, in the form of letters by at least two PAM Corporate Members addressed to the PAM President, must be received by PAM not later than 12.00 noon on Friday, 18 March 2011, at PAM Centre, 4 & 6 Jalan Tangsi, 50480 Kuala Lumpur.

PAM Gold Medal 2011, is expected to be presented at a ceremony with a Gold Medalist Address.

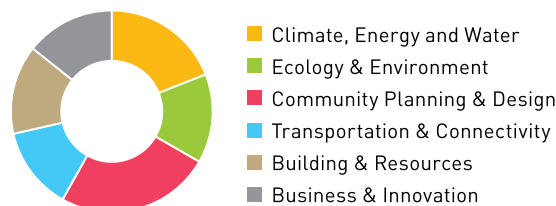
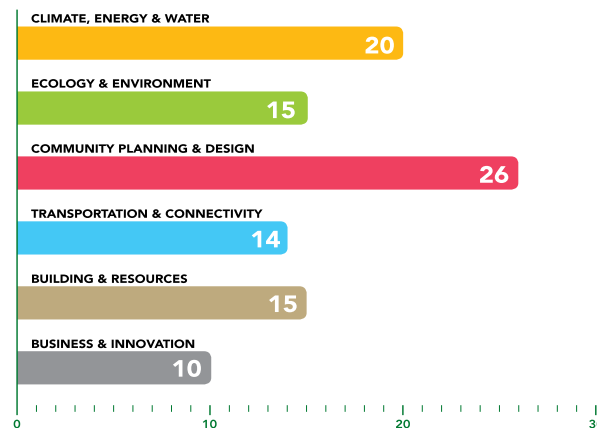
# GBI Township Tool

Green Rating tools are conceived to be able to assist architects, planners, designers, builders, property owners, government bodies, developers and end users to understand the impact of each design choice and solution towards being more environment-friendly.

The Malaysian Green Building Index was created to provide the building industry a common and verifiable mechanism to benchmark buildings within the Malaysian context.

The GBI Township Tool and this Framework takes it to another level and sets out a vision for sustainability within the built environment and provides guidance that will assist end users to deliver sustainable townships.

## Core categories for the delivery of Sustainable Townships in Malaysia



### 1 Climate, Energy & Water



**Sustainable Townships are balanced in their ongoing production and consumption of energy and water**

They aim for zero net carbon emissions – by maximising passive design principles, minimising the impact of heat island effect, minimising energy consumption, adopting onsite energy generation, utilising renewable energy technologies such as co-generation and micro-generation.

They are water neutral – through the reduction of mains water consumption, rainwater harvesting and greywater recycling.

### 2 Ecology & Environment



**Sustainable Townships respect their surrounding environment and native ecological systems**

They are sensitive to the needs of the local ecology & biodiversity and aims to preserve and enhance the ecological value of the natural environment.

They assist in stabilising land – subsidence by reducing the impact of flooding and erosion.

### 3 Community Planning & Design



**Sustainable Townships are planned and designed for the benefit of the community**

They are created using an integrated approach to master planning and best practice urban design principles emphasising people priority and greenspaces.

Such goals help create a strong sense of place for communities – resulting in more livable and diverse neighbourhoods .

### 4 Transportation & Connectivity



**Sustainable Townships are well-connected places that have a broad range of transportation options**

They have excellent accessibility, connectivity and are well linked to surrounding districts.

They make good use of existing transport links and make priority and provision for future services – such as rail, bus and cycling networks.

### 5 Building & Resources



**Sustainable Townships have a lower impact on resources – by applying the 'more from less' principle**

They emphasise the need to minimise the use of highly resource intensive materials by using a life cycle approach.

They make effective use of local materials and resources for the construction of new communities.

### 6 Business & Innovation



**Sustainable Townships are tailored to respond to local needs in creating business and employment whilst incorporating innovative solutions**

They provide employment opportunities for its residents to work closer to their homes and schools. They provide avenues for businesses to form and flourish.

They demonstrate best practices through the implementation of innovative technologies and solutions at many different levels of the township.



# GBI Township Tool Workshop with Local Authorities

A message from

## Ar. Boon Che Wee

Chairman, GBIAP  
President, PAM

The building industry and the public are well acquainted with Green Building Index since the successful launch of the three rating tools for individual buildings. Now the time is right to introduce the Green Building Index Township Tool to widen the green transformation to our neighborhoods and communities.

This marks the culmination of over 18 months of public, industry and governmental consultation involving international peers and experts to establish a relevant local framework for Malaysia.

Achieving the Green Building Index certification for a township not only demonstrates the green commitment of a responsible developer but also establishes an environmental legacy and sustainability caveat for all future buildings in the township to match and outperform the community's expectations.

By outlining measures that are both environmentally and economically achievable and sound, we are confident that the tool will also dispel any misconceptions on the viability of sustainable development, and re-affirm our ability to provide for our needs with the most effective use of land and resources; without compromising the ability of future generations to provide for theirs.

As an enabling tool, the basic parameters set in place at the planning stage by the GBI Township Tool will pave the way for all new buildings in the township to achieve Green Building Index certification.

The launch of the GBI Township Tool at the threshold of a new decade is indeed a timely reminder for us to balance our national development agenda with our global environmental commitment as we strive towards developed nation status by 2020.

## Ar. Boon Che Wee

A message from

## Ed Cotter

Former Head of BREEAM Communities  
and BREEAM International

Sustainability is central to the long-term viability of our society. Green buildings are a key component of a sustainable society, but the construction of green buildings by themselves will never allow us to effectively address issues that sit outside of the scope of an individual building. Holistic sustainability within the built environment is about the relationship between the environmental, the social and the economic factors, and how it is then used by the community.

The GBI Township Tool will allow key stakeholders to take an integrated approach to addressing the environmental, social, economic and design factors associated with the delivery of a sustainable township. It provides an opportunity for the application of partnership based approach throughout the development process and will assist key stakeholders plan, design, build, manage and operate sustainable communities.

I applaud the Green Building Index and its partners for the initiative they have shown in developing the GBI Township Tool for Malaysia. It will play an integral role in the implementation and delivery of projects by the development industry that will assist Malaysia to achieve its core sustainability targets, as outlined in the Malaysian Government's Green Technology Policy.

## Ed Cotter



Hang Tuah Jaya



Putrajaya



Majlis Perbandaran Petaling Jaya



Dewan Bandaraya Kuala Lumpur



# Malaysia - Sri Lanka, Business Opportunities in the Professional and Construction Services

15 December 2010\_Sri Lanka

Based on an initial idea jointly by MATRADE and PAM for the promotion of Malaysian Architects in Sri Lanka, MATRADE Deputy CEO Dato' Mohamad Kamarudin Hassan led a Specialised Marketing Mission to Colombo with eleven (11) participants, including PAM and two member firms.

PAM President Ar. Boon Che Wee was invited to deliver a presentation on the capacity and capability of Malaysian architects to the Sri Lanka business community, and the

Malaysian participants were briefed by key Government officials including Board of Investment, Tourism Ministry and Urban Development Authority on investment opportunities and business climate in Sri Lanka.

Individual Business meetings were conducted by the Malaysian participating firms with their counterparts from Sri Lanka. In conjunction with the briefing and business meetings, an exhibition showcasing the Malaysian Professional works and Construction projects were displayed.



# Opportunities for collaboration with ALACE Members

18-22 December 2010\_Laos

The Association of Architects and Civil Engineers of Lao (ALACE) invited and hosted PAM President Ar Boon Che Wee on a visit to Laos, following the MOU that was signed between the two professional organisations during PAM convention 2010.

During their visit, PAM delegation which included PAM Sarawak Chapter held a series of meetings with ALACE members and government officials of Vientiane, Phonsavan and Luang Prabang, and agreed to continue jointly promote opportunities for both countries to collaborate.



With Deputy Governor of Xieng Kuang Province, and ALACE Branch Committee Members



With ALACE President, Council and Committee Members at Vientiane



With Director of Luang Prabang World Heritage Department, and ALACE Branch Committee Members

# Green Building Index in Sabah

12 November 2010\_Kota Kinabalu, Sabah

Green Building Index was officially launched in Sabah by YB Datuk Haji Masidi Manjun on 12 November 2010, in conjunction with the Green Building Index Forum 2011 Sabah and GBI (MS1525) Seminar that were jointly organised in Kota Kinabalu by Dewan Bandaraya Kota Kinabalu, PAM Sabah Chapter and Green Building Index.



Key government officials and representatives of the industry with YB Datuk Haji Masidi Manjun at the launch

The occasion was also supported by the Sabah State Government, ACEM, IEM, ISM, MIP, SHARED and MGBC, and was attended by over 130 government officials and members of the industry.

YB Minister in his keynote speech and during the press conference has encouraged PAM Sabah Chapter and GBI to propose incentives for GBI certified developments, for consideration by the State.



# Executive Summary of the Minutes of the Fourth Meeting of PAM Council 2010 – 2011

17 December 2010\_PAM Centre, Kuala Lumpur

Council approved the applications of 1 Fellow Membership, 3 Corporate Memberships, 7 Graduate Memberships, 33 Student Memberships, Reinstatement of 2 Corporate Memberships and Reinstatement of 1 Graduate Membership.

**IPEX Exhibition 2011** Ar. Lo Su Yin reported that Sabah Chapter will be organising the IPEX Exhibition 2011, 21 – 24 April at Sabah Trade Centre, Kota Kinabalu, Sabah.

**ROCA Cup** Ar. Abdul Halim Suhor reported that the ROCA Cup was successfully held in Kuala Lumpur for 2 days and PAM had won the tournament. The event was hosted by ROCA and participated by PAM, the Institute of Architects India (IAI) and Singapore Institute of Architects (SIA).

## Professional Practice Course

Council agreed to the proposal by Ar. Alvin Lim, with Ar. Boon Chee Wee, Ar. Saifuddin Ahmad, Ar. Mohd Zulhemlee and Ar. Wan Sofiah Wan Ishak, on the proposed Professional Practice Course to replace the Part III Tutorial. The outline of the Professional Practice Course is as follows:

**Basis of course:** The course's aim is to counsel and guide the graduates in a graduate/ master class over a 6-day 2-weekend session. There will be 2 sessions a year. The course comprising of 16 modules would cover the syllabus

as required by LAM Part III examination. The course is to commence in March 2011.

The course would also be available for practitioners as refresher course. Guest counselors and motivators would be invited for any of the session according to their availability. The fee is still to be decided.

The above has also been presented to and agreed by LAM.

## PAM Gold Medal Award Guidelines

Council deliberated on the proposed revised guidelines for the PAM Gold Medal Award and after a lengthy deliberation, Council agreed on the following:

### Number of jurors to be 5 and to comprise of:

- President of PAM (Chair)
- A Past President of PAM
- A past recipient of PAM Gold Medal Award
- A Past President or a past recipient of PAM Gold Medal
- A prominent PAM Corporate Member who has won a PAM Award

### Criteria to include the following areas:

- Lifetime achievement
- Body of work
- Contribution to architecture

Council agreed to look at another award for excellence in leadership.



# Other Highlights

11/12/2010

PAM CPD Workshop

**“Marketing for Architects, Colours in Architecture & Sustainability and Green Coating”**

by Assoc. Prof. Tajuddin Ismail,  
Ms. Foo See Yee & Mr. Patrick Ng  
Kuala Lumpur



8/12/2010

PAM Design Lecture Series

**“Alvar Aalto’s Villa Mairea: A Methodical Development of an Inclusive Architecture”**

by John Gamble  
Auditorium, Fakulti Alam Bina,  
Universiti Malaya, Kuala Lumpur



4/12/2010

PAM CPD Seminar

**“Airflow Analysis using CFD Method for Natural Ventilation in Housing Design”**

by Ar. Dr. Abdul Razak Sapien  
PAM Centre, Kuala Lumpur



22/12/2010

PAM CPD Seminar

**“Briefing on Roadmap for Industrialised Building System (IBS) 2011 - 2015”**

PAM Centre, Kuala Lumpur



## PAM Council 2010-2011

**president**

Ar Boon Che Wee

**deputy president**

Ar Saifuddin bin Ahmad

**vice president**

Ar Chan Seong Aun

**honorary secretary**

Ar Abu Zarim bin Abu Bakar

**honorary treasurer**

Ar Mohd Zulhemlee bin An

**immediate past president**

Ar Lee Chor Wah

**past presidents on council**

Dato’ Sri Ar Haji Esa Haji Mohamed

Ar Dr Tan Loke Mun

Ar Tan Pei Ing

**council members**

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Ar Azmil Abdul Azmi

Ar Ezumi Harzani Ismail

Ar Jasmin Kamarudin

Ar Lillian Tay Wai Fun

Ar Laurent Lim Aun Giap

Ar Alvin Lim Hai Seah

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Ar Jerry Sum Phoon Mun

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Ar Lawrence Lim Hua Kwang

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Ar Azman Bilaji

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Ar Ho Jia Lit

**sarawak chapter chairman**

Ar Desmond Kuek

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Ar Chan Seong Aun

Ar Abu Zarim bin Abu Bakar

Ar Mohd Zulhemlee bin An

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# MIIE '11

Malaysia IBS International Exhibition

**5-7 April 2011**

CIDB Convention Centre,  
Jalan Cheras, Kuala Lumpur

## 'IBS Integration for Green Technology'

### Highlights

- Exhibition of IBS and Green Technology Products
- Seminar on IBS
- Workshop on IBS
- Student Video Animation Competition

### What is IBS?

*IBS is a technique of construction whereby components are manufactured in controlled environment either at factory or offsite, transported, positioned and assembled into construction work with minimum site work.*

### Invitation To Exhibit

- Distributors, Suppliers and Manufacturers of IBS and Green Technology products
- Building and construction contractors and subcontractors
- Developers and investors
- Project Owners
- Government Departments
- Project Managers
- Construction Professionals and Consultants
- Academics
- Researches

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Register Your Interest Now!