



GREEN TRANSFORMATION



green building



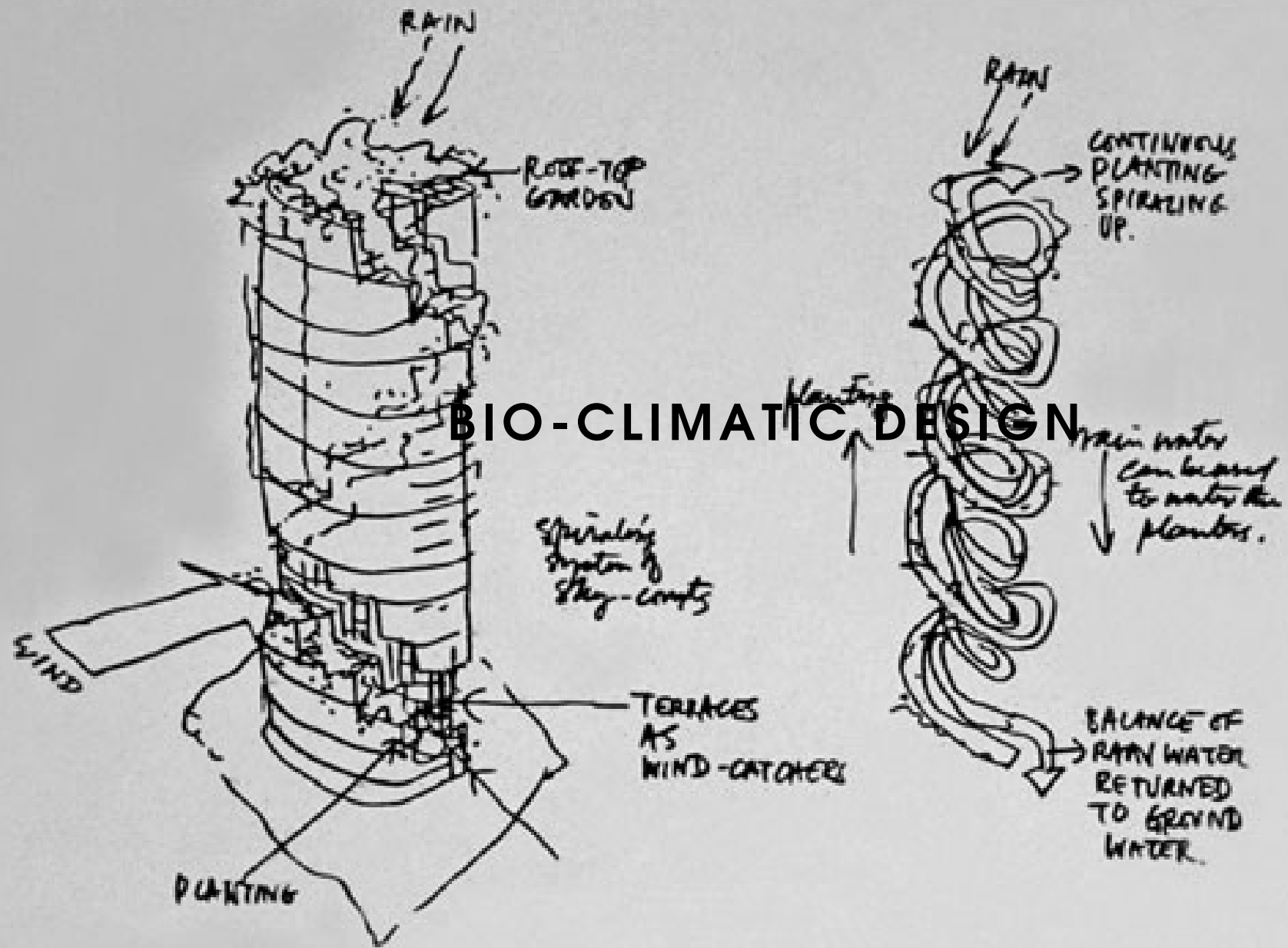
TRANSFORMATION OF

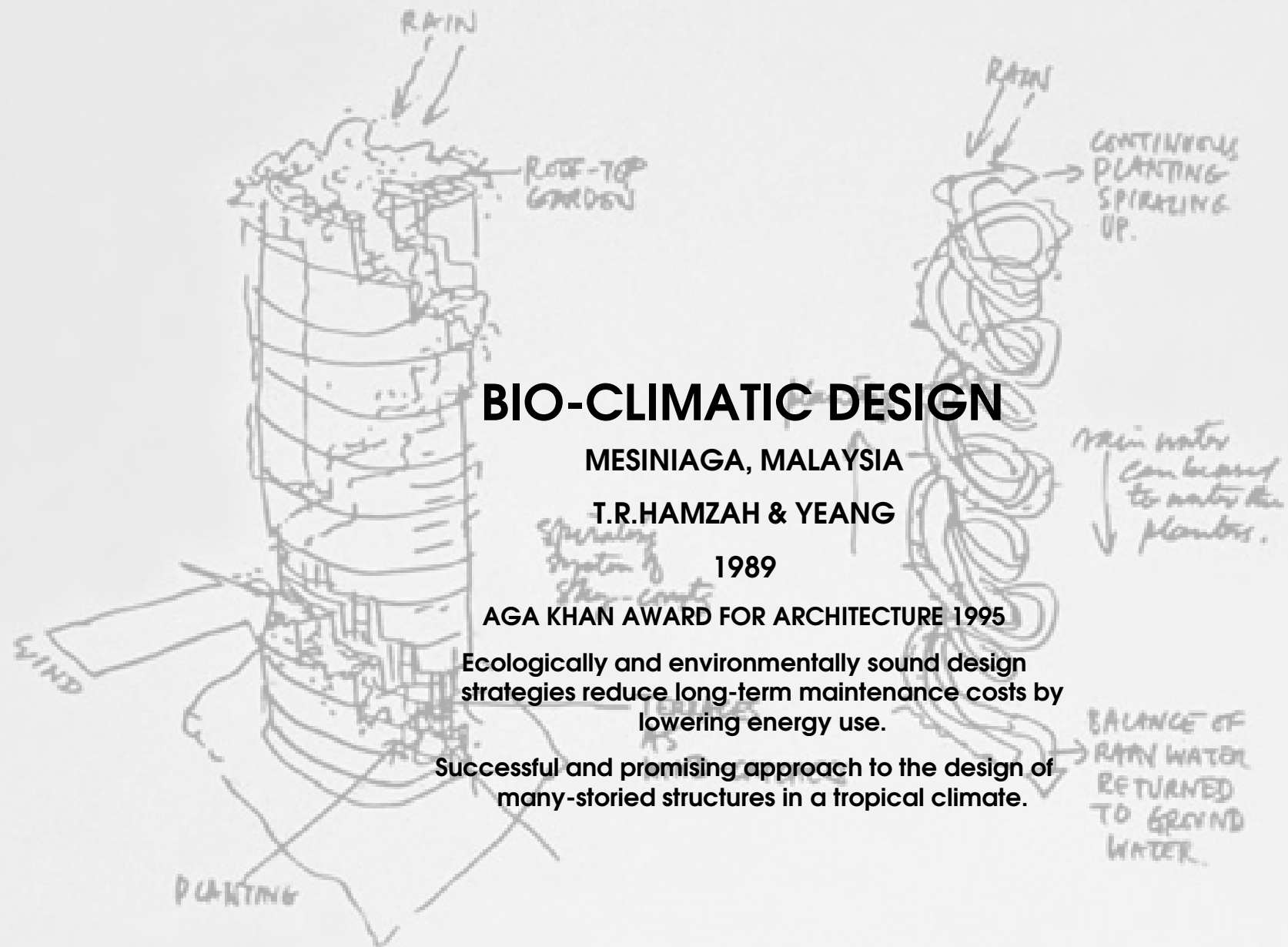
green building
in Malaysia



BIO-CLIMATIC DESIGN

greenbuilding





BIO-CLIMATIC DESIGN

MESINIAGA, MALAYSIA

T.R.HAMZAH & YEANG

1989

AGA KHAN AWARD FOR ARCHITECTURE 1995

Ecologically and environmentally sound design strategies reduce long-term maintenance costs by lowering energy use.

Successful and promising approach to the design of many-storied structures in a tropical climate.



BIO-CLIMATIC DESIGN

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strategies reduce long-term maintenance costs by
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Menara Mesiniaga Kuala Lumpur, Malaysia (1989)



BIO-CLIMATIC DESIGN

MESINIAGA, MALAYSIA

BY R. HAMZAH & YEAP S.

1989

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Successful environmental and sound design
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MR. HAMZAH & YEAP

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Menara Mesiniaga Kuala Lumpur, Malaysia (1989)



ENERGY EFFICIENT

greenbuilding



SECURITIES COMMISSION (Hijjas Kasturi Associates, 1999)

Winner: ASEAN Energy Awards 2001 (New/Existing Energy Efficient Buildings)



FROM 'EE' TO 'LEO'

green building



'LEO' LOW ENERGY OFFICE

green building



LEO (Low Energy Office) Ministry of Energy, Water and Communication Malaysia (SNO Architects, 2005)

Winner: ASEAN Energy Awards 2006 (New/Existing Energy Efficient Buildings)



FROM 'LEO' TO 'ZEO'

green building



'ZEO' ZERO ENERGY OFFICE

green building



©2008, Pusat Tenaga Malaysia

Malaysia Energy centre (Ruslan Khalid Associates, 2007)

First zero-energy building in South East Asia



Malaysia Energy centre (Ruslan Khalid Associates, 2007)

First zero-energy building in South East Asia

ASEAN Energy Awards

For Energy Efficient Buildings

By ASEAN Centre for Energy

2001

- **Winner (New & Existing) – Securities Commission Malaysia**
- **Runner-up (Retrofitted) - Sultanah Zanariah, University Technology Malaysia**

2002

- **Special Submission Category (Cutting Edge Technology) – Sutera Harbour Resort Malaysia**

2003

- **2nd Runner-up (Retrofitted) – Malaysia Electronics Materials Building**

2004

- **1st Runner-up (New & Existing) – Main Terminal, Kuala Lumpur International Airport**

2005

- **1st Runner-up (New & Existing) – Telekom Malaysia Tower**
- **Winner (Special Submission) – Solar-Hydrogen House Malaysia**

2006

- **Winner (New & Existing) - Low Energy Office Malaysia (Ministry of Energy Water and Communication Building)**

2007

- **Winner (New & Existing) – National Library Singapore**
- **1st Runner-up (New & Existing) – Putrajaya International Convention Centre Malaysia**
- **2nd Runner-up (Tropical) – The Street Mall Cyberjaya Malaysia**

2008

- **2nd Runner-up (New & Existing) – Putrajaya Corporation Complex Malaysia**



FROM “ENERGY EFFICIENT” TO

greenbuilding





building

32% world resources

building

>32% world resources

>40% energy

building

>32% world resources

>40% energy

>40% ghg





greenbuilding

**knowledge
technology**





LEED Malaysia?

GREEN STAR Malaysia?

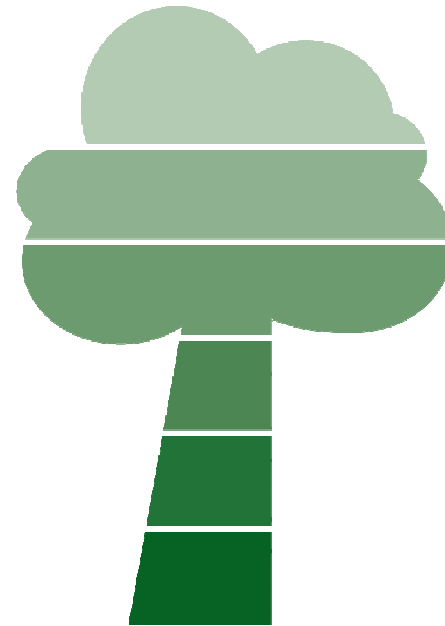
GREEN MARK Malaysia?



rating for Malaysia!

- **environment**
- **resources**
- **climate**

September 2008
PAM Education Fund
RM100,000.00 Seed Funding



September 2008
PAM Education Fund
RM100,000.00 Seed Funding



**PAM + Association of Consulting
Engineers Malaysia
▪ Building Industry Presidents Council**



- PAM + Association of Consulting Engineers Malaysia (ACEM)
- Building Industry Presidents Council (BIPC)

BIPC: Profession Driven!

Industry Driven?

Government Driven?

Profession Driven

+ Industry Recognised

+ Government Endorsed

Top down – by legislation

Bottom up - market driven

By demand!

- **Public education**



Green

DESIGNFORUM

& Preview of Malaysia's
GREEN BUILDING INDEX

Saturday 3rd January 2009
9.00 am - 12.30 pm
Kuala Lumpur Convention Centre

KEYNOTE SPEAKER



Senator the Hon Penny Wong
Minister for Climate Change and Water, Australia

*"Moving To A Lower Carbon Future
— Perspective From Australia"*

Penny Wong was born in Malaysia and moved to Australia when she was eight. Before entering parliament, Penny Wong was a barrister and solicitor in Adelaide and worked as an adviser to the Carr Government in New South Wales. She was elected as a Labor Senator for South Australia in November 2001 and began her term in July 2002. In December 2007 Penny was appointed to the Federal Cabinet in the new Rudd Labor Government as the Minister for Climate Change and Water. Penny is responsible for the co-ordination and implementation of the Government's climate change and water policies including the design and implementation of the Government's Emissions Trading Scheme (ETS).

PANELISTS



Ir Chen Thiam Leong
Past President, Association of Consulting Engineers Malaysia (ACEM)

*"Malaysia Green Building Index
(Non-residential)"*



Ar Chan Seong Aun
Council Member, PAM

*"Malaysia Green Building Index
(Residential)"*

MODERATOR



Ar Dr Tan Loke Mun
Immediate Past President, PAM

**FREE
ADMISSION**

Limited Seats. Please Register Early.

To register, contact PAM
T 03 2693 4182 F 03 2692 8782
E info@pam.org.my

Organised by



PAM PERTUBUHAN AKITEK MALAYSIA
MALAYSIAN INSTITUTE OF ARCHITECTS

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Green
DESIGNFORUM



WHAT IS THE GREEN BUILDING INDEX?

BUILDINGS AND THE BUILT ENVIRONMENT CONTRIBUTE SIGNIFICANTLY TO GREENHOUSE GAS EMISSIONS AND NEED TO BE DESIGNED TO REDUCE ITS NEGATIVE IMPACT ON THE ENVIRONMENT.

Green Building Index (GBI) is developed by Pertubuhan Akitik Malaysia (PAM) and the Association of Consulting Engineers Malaysia (ACEM). It is a profession driven initiative to lead the property industry towards becoming more environment-friendly.

The rating system gives opportunity for developers and building owners to design and construct green buildings that can provide energy and water savings, a healthier indoor environment, better connectivity to public transport and the adoption of recycling and greenery for their projects.

BUILDINGS ARE RATED BASED ON 6 CRITERIA:

- Energy Efficiency
- Indoor Environmental Quality
- Sustainable Site Planning and Management
- Materials and Resources
- Water Efficiency
- Innovation

BUILDINGS ARE AWARDED GBI MALAYSIA PLATINUM, GOLD, SILVER OR CERTIFIED RATINGS DEPENDING ON THE SCORES ACHIEVED.

GBI is designed for the tropical climate of Malaysia, and incorporates internationally recognised best practices in environmental design and performance.

WHY GREEN BUILDINGS?

1. Green buildings are designed to save energy and resources, recycle materials and minimise the emission of toxic substances throughout its life cycle.
2. Green buildings harmonise with the local climate, traditions, culture and the surrounding environment.
3. Green buildings are able to sustain and improve the quality of human life whilst maintaining the capacity of the ecosystem at local and global levels.
4. Green buildings make efficient use of resources, have significant operational savings and increases workplace productivity.
5. Building green sends the right message about a company or organisation – that it is well run, responsible, and committed to the future.

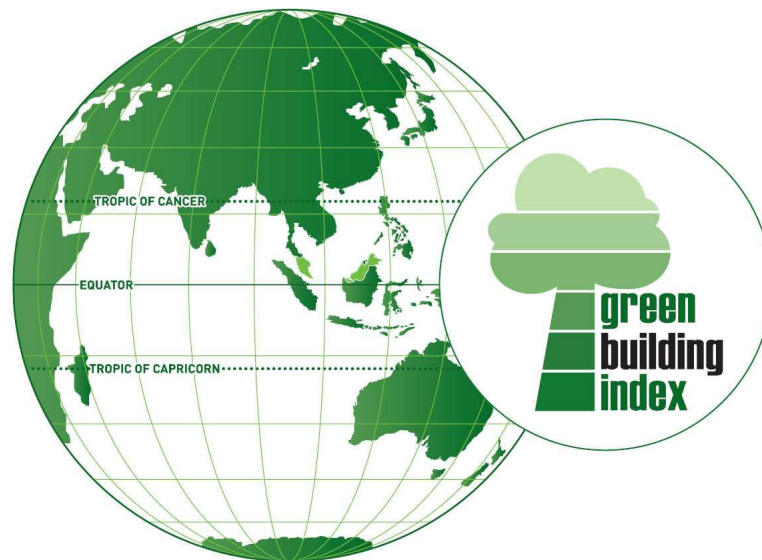


Developing
Sustainable
Futures

www.greenbuildingindex.org | info@greenbuildingindex.org
GREENBUILDINGINDEX SDN BHD (0145666-1) • 6 & 8 Jalan Tenggol, 50480 Kuala Lumpur, Malaysia Tel 603 2693 4182 Fax 603 2692 8762



MALAYSIA GREEN WORLD



LAUNCHED 21 MAY 2009



GBI ASSESSMENT CRITERIA FOR RESIDENTIAL

FIRST EDITION | APRIL 2009 | VERSION 1.0

www.greenbuildingindex.org | info@greenbuildingindex.org

GREENBUILDINGINDEX SDN BHD (845666-V) 4 & 6 Jalan Tangri, 50480 Kuala Lumpur, Malaysia Tel 603 2693 4192 Fax 603 2692 8792



GBI ASSESSMENT CRITERIA FOR NON-RESIDENTIAL (NC)

FIRST EDITION | APRIL 2009 | VERSION 1.0

www.greenbuildingindex.org | info@greenbuildingindex.org

GREENBUILDINGINDEX SDN BHD (845666-V) 4 & 6 Jalan Tangri, 50480 Kuala Lumpur, Malaysia Tel 603 2693 4192 Fax 603 2692 8792



**YAB DATO' SRI MOHD NAJIB
BIN TUN HAJI ABDUL RAZAK**
PRIME MINISTER OF MALAYSIA

It gives me great pride to congratulate the professional Architects and Engineers of Pertubuhan Akithek Malaysia (PAM) and the Association of Consulting Engineers Malaysia (ACEM) for the launch of the Green Building Index on 21 May 2009.

This is a timely effort for Malaysia. The Government fully supports initiatives such as those driven by the Professionals in the Green Building Index. More so when it is one of the first of such rating tools in the world specifically designed for the tropical climate.

The global effects of carbon emissions and climate change are clear. Buildings, cities and the built environment are the products of civilization. It is also clear that such development contributes significantly to climate change and the increase in carbon emissions. However, with the Green Building Index, it will allow us to undertake development in a more environment-friendly way.

The Government is very serious in its efforts to address the effects of climate change and the need to create a green and sustainable environment, as reflected in the formation of the Ministry of Energy, Green Technology and Water. The new Ministry will review and formulate policies on green technology so as to enhance the quality of life and to ensure a better future for all Malaysians.

I once again congratulate and applaud the result of the efforts of PAM and ACEM who with the full support of the building, housing and property industry has developed this important and unique rating tool for buildings in Malaysia. I support and wish you every success in its implementation.

**"1 MALAYSIA" People First.
Performance Now.**

(DATO' SRI MOHD NAJIB)



**YB DATO' SHAZIMAN
ABU MANSOR**
MINISTER OF WORKS MALAYSIA

I am honoured to launch the Green Building Index on 21 May 2009. It is an important green rating tool to assist all those involved in the property and construction sector to become more environment-friendly.

I wish to congratulate Pertubuhan Akithek Malaysia (PAM) and Association of Consulting Engineers Malaysia (ACEM) for this huge effort. I am proud that the building Professionals have taken the initiative to pioneer this important tool. I am also encouraged to know that the Green Building Index has the full support of all the players in the property, construction and housing industry. This goes to show that the Malaysian development and construction industry is ready to confront important critical issues such as global warming, carbon emissions and climate change.

We must be prepared and be ready to change the old way of doing things. The Green Building Index gives us an opportunity to be able to develop and build in a more sustainable and environment-friendly manner. It is appropriately created and customised for the Malaysian culture and climate. As such it is truly Malaysian whilst at the same time benchmarked against internationally recognized best practices and standards. In addition it is also one of the first green rating tools developed by professionals for the tropical climate and this has attracted a lot of international interest.

Today we can look forward to the beginning of a new era where Malaysians can choose to live and work in green rated buildings and homes. These will provide energy and water savings, a healthier indoor environment, better connectivity with alternative transport modes and the adoption of recycling and more greenery in their communities.

The successful implementation of Green Building Index coupled with the people's will to change the way we have been living will help ensure a better future for all Malaysians.

Syabas PAM and ACEM!



YB DATO' SERI KONG CHO HA
MINISTER OF HOUSING AND LOCAL
GOVERNMENT MALAYSIA

The realities of climate change are clear. We have to act now and work towards creating a more livable and sustainable future for all Malaysians. The Green Building Index will help Malaysians make a better choice on how and where they want to live.

Congratulations to Pertubuhan Akithek Malaysia (PAM) and Association of Consulting Engineers (ACEM) on this timely initiative. It is good to also see that Green Building Index has received the full support of the Real Estate and Housing Developers' Association Malaysia (REHDA), Master Builders Association Malaysia (MBAM) and all other stakeholders in the housing industry.

Now that Malaysia has its own green rating tool, we hope that developers will now produce green-rated houses, apartments and condominiums. By using Green Building Index, property developers will be able to plan and implement more sustainable and green projects. This will then increase the options for home-buyers to choose better housing.

With the Green Building Index residential rated housing, Malaysians can look forward to live in a greener environment, save costs in energy and water, lead healthier and more productive lifestyles.

We are grateful also that Green Building Index will spearhead the move for Malaysia to be on par with developed nations that already have their own green rating tools for development.



YB DATUK PETER CHIN FAH KUI
MINISTER OF ENERGY, GREEN
TECHNOLOGY AND WATER MALAYSIA

Congratulations to Pertubuhan Akithek Malaysia (PAM) and the Association of Consulting Engineers Malaysia (ACEM) for the launch of Malaysia's own Green Building Index.

As the Ministry which is responsible for the policies in green technology of the country, we are proud to be supporting this significant initiative. With a common language and standard measurement for building performance, property developers and owners can now work towards achieving buildings with greater emphasis on this "Green Building Index", and tenants are properly guided in the selection of energy efficient premises.

We welcome the Professionals and all involved in the property, housing and building industry to work together with the Government to develop policies for a sustainable and green environment that will enhance the quality of life for all Malaysians.

Well done to PAM and ACEM!



TONY ARNEL
CHAIRMAN, WORLD GREEN
BUILDING COUNCIL

The challenges our planet faces – particularly climate change and sustainable economic development – are global in nature and so require global solutions.

The building sector, which consumes as much as 40 percent of the world's energy, 12 percent of its water and contributes 40 percent of the waste sent to landfill, is a major part of this global problem.

However, the building sector can be an even bigger part of the solution.

As we live in one world, we have a collective responsibility to work together to achieve change around the globe. The World Green Building Council is working within the Asia-Pacific region to promote the benefits of sustainable building practices, and Malaysia has embraced the potential of green building.

International research confirms that green buildings consume less energy, less water and generate less waste, and create a healthy and productive environment for employees.

Green building practices can reduce a building's operating costs by as much as 9 percent, increase building values by 7.5 percent and realise a 6.6 percent increase in return on investment. So, green buildings don't just make sound ecological and environmental sense – they make sound economic sense too.

Rating tools like the UK's BREEAM, the US' LEED, Australia's Green Star and now Malaysia's Green Building Index are driving the uptake of green building practices in their respective markets, and we are working closely together to develop an international language so that we may speak with one voice about the vital role green buildings can play in creating a low-carbon future.

TO THE
**MINISTRY OF ENERGY,
GREEN TECHNOLOGY AND WATER**

AND THE
**OPENING CEREMONY OF THE
PTM GEO BUILDING**
MALAYSIA'S FIRST GBI CERTIFIED GREEN BUILDING



Dr. S. S. Ravi

ON
24TH JULY 2009

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Malaysia Energy centre (Ruslan Khalid Associates, 2007)

First zero-energy building in South East Asia



From 'ZEO' To 'GEO'
Green Energy Office

green building



Green Building Rating

- **By nature 'voluntary'**

Encourage by incentive

- **Carrot first**



INCENTIVES FOR

greenbuilding



INCENTIVES FOR

green building index

Stage One : Broad base!

- **Demand side?**

- **Supply side?**

Stage One : Broad base!

INCENTIVES FOR BUILDINGS OBTAINING GREEN BUILDING INDEX CERTIFICATE

A) TAX EXEMPTION

- Any person who incurs qualifying expenditure (QE) to obtain GBI certification for a building used for his business qualifies for tax exemption. This tax incentive provides exemption on the statutory income which is equivalent to 100% of that expenditure.
- Qualifying expenditure means an additional expenditure (known as the Green Building Cost Sum) incurred in relation to construction of a building, alteration, renovation, extension or improvement of an existing building. The exemption can be up to 100% of statutory income for each year of assessment.
- Any unutilised QE can be carried forward to subsequent years of assessment until the amount is fully exempted. This tax exemption only applies once for each building certified from 24 October 2009 until 31 December 2014.
- The types of tax incentive mutually exclusive to this tax exemption are addressed in the guidelines issued by Lembaga Hasil Dalam Negeri Malaysia (LHDNM).

B) STAMP DUTY EXEMPTION

The stamp duty exemption provides exemption on instruments of transfer of ownership of buildings and residential properties acquired from property developers and awarded GBI certificate. The exemption is on the additional cost of the property incurred to obtain the GBI certificate. The exemption is only given for the first transfer of ownership of the building and for sales and purchase agreements executed from 24 October 2009 until 31 December 2014.

Once certified, applicants can claim for the tax exemption or stamp duty exemption in their annual Income Tax return Forms. The GBI Certificate has to be kept for audit purposes by LHDNM.

Please note that a complete set of guidelines on the tax and stamp duty exemption can be obtained from www.hasil.gov.my.



GBI CONSULTATIVE PANEL
IPDM . IEM . ISM . MIP . REHDA . MBm

greenbuildingindex



FACILITATOR COURSE

greenbuildingindex

- Trained over 1000 potential facilitators
 - Including Penang & Sarawak
 - Public Works Department
- Target all building professional

**UPDATED
APRIL 2010**

INCLUDES

Information on
GBI Non-Residential Existing
Building Tool (NREB)

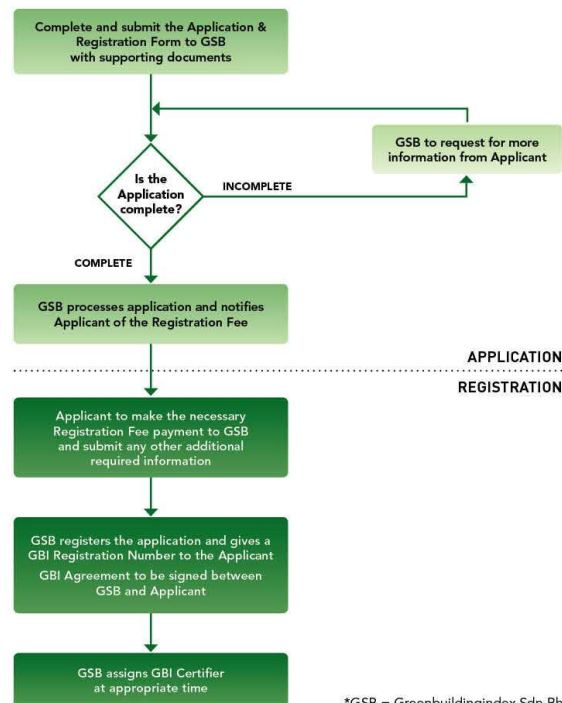
Incentives for GBI and
green buildings



www.greenbuildingindex.org

THE GBI ASSESSMENT PROCESS

STAGE 1 APPLICATION & REGISTRATION



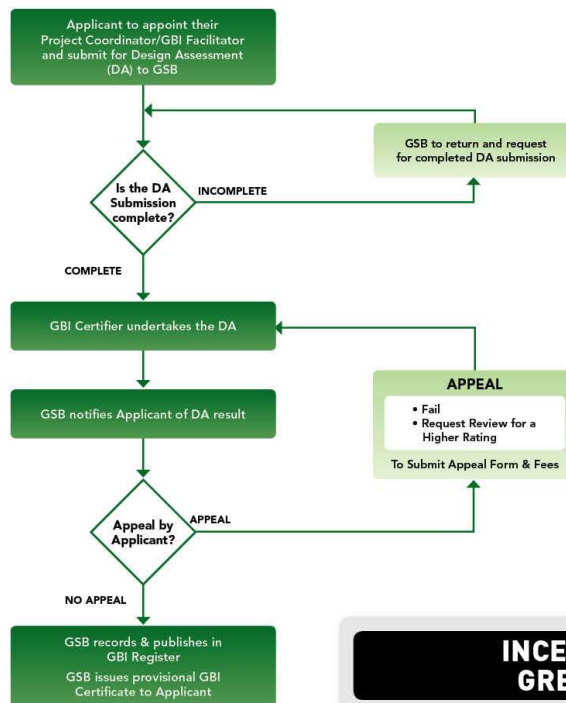
Complete and submit the GBI Application Form with the Applicant's contact details, project information and supporting documents to Greenbuildingindex Sdn Bhd (GSB). The Registration Fee will be set depending on the size of the project. Upon payment of the fees, a GBI registration number will be given and the GBI Terms and Conditions will be signed between the Applicant and GSB. A GBI Certifier will then be appointed for the project.

How do I register?

DOWNLOAD THE APPLICATION FORM NOW!

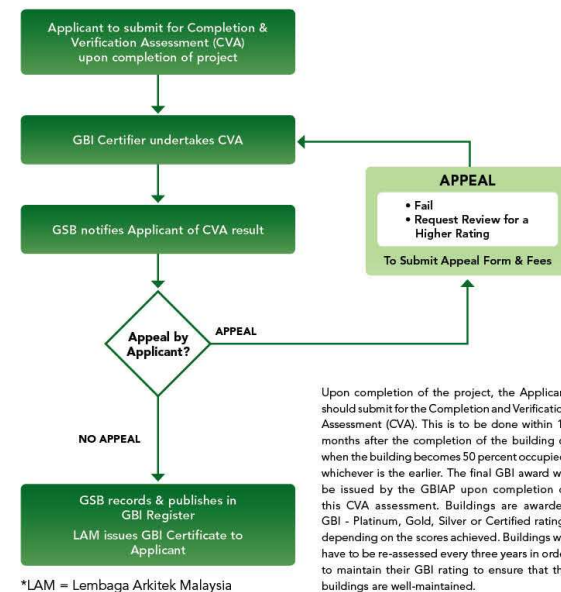
www.greenbuildingindex.org

STAGE 2 DESIGN ASSESSMENT (DA)



When the Applicant is ready he may then submit the project for GBI Design Assessment (DA) either directly or through an appointed GBI Facilitator. Submission should be done when all key criteria of the design are finalised and preferably before the commencement of construction so as to enable the project to be monitored and assessed in its entirety. The GBI Certifier will then undertake the Design Assessment for GSB. This may involve a presentation by the Applicant and their Project Design Team or by the GBI Facilitator. The GBI Certifier will upon completion, table the assessment report to the GBIAP to register and award the certification. The provisional GBI Design Assessment certification will then be issued with the accompanying GBI score sheet to show the scores achieved.

STAGE 3 COMPLETION & VERIFICATION ASSESSMENT (CVA)



Upon completion of the project, the Applicant should submit for the Completion and Verification Assessment (CVA). This is to be done within 12 months after the completion of the building or when the building becomes 50 percent occupied, whichever is the earlier. The final GBI award will be issued by the GBIAP upon completion of this CVA assessment. Buildings are awarded GBI - Platinum, Gold, Silver or Certified ratings depending on the scores achieved. Buildings will have to be re-assessed every three years in order to maintain their GBI rating to ensure that the buildings are well-maintained.

INCENTIVES FOR BUILDINGS OBTAINING GREEN BUILDING INDEX CERTIFICATE

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GREEN BUILDING INDEX STRUCTURE



1) GBI ACCREDITATION PANEL (GBIAP)

The GBI rating system will be regulated by the GBI Accreditation Panel (GBIAP), an independent committee consisting of senior building professionals that will be reviewing and awarding the GBI rating to qualified projects.

The GBIAP comprises leading industry professionals recognised for their contribution in sustainable developments in Malaysia. They have been actively involved in every step of the rating system's development, ensuring that the rating system is fully tested and compliant to both local and international standards and best practices.

2) GBI CERTIFIERS

The roles and responsibility of GBI Certifiers are to perform the detailed assessment and accreditation of building projects submitted to the GBI Accreditation Panel for GBI Certification.

3) GBI FACILITATORS

The roles and responsibility of GBI Facilitators are to provide services to enable building projects to achieve GBI accreditation.

GREEN BUILDING INDEX CLASSIFICATION

POINTS	GBI RATING
86+ points	Platinum
76 to 85 points	Gold
66 to 75 points	Silver
50 to 65 points	Certified

GREEN BUILDING INDEX RATING SYSTEM

BUILDINGS WILL BE AWARDED THE GBI
RATING BASED ON 6 KEY CRITERIA:

- 1 ENERGY EFFICIENCY
- 2 INDOOR ENVIRONMENTAL QUALITY
- 3 SUSTAINABLE SITE PLANNING & MANAGEMENT
- 4 MATERIAL AND RESOURCES
- 5 WATER EFFICIENCY
- 6 INNOVATION

ENERGY EFFICIENCY (EE)

Improve energy consumption by optimising building orientation, minimizing solar heat gain through the building envelope, harvesting natural lighting, adopting the best practices in building services including use of renewable energy, and ensuring proper testing, commissioning and regular maintenance.

INDOOR ENVIRONMENT QUALITY (EQ)

Achieve good quality performance in indoor air quality, acoustics, visual and thermal comfort. These will involve the use of low volatile organic compound materials, application of quality air filtration, proper control of air temperature, movement and humidity.

SUSTAINABLE SITE PLANNING & MANAGEMENT (SM)

Selecting appropriate sites with planned access to public transportation, community services, open spaces and landscaping. Avoiding and conserving environmentally sensitive areas through the redevelopment of existing sites and brownfields. Implementing proper construction management, storm water management and reducing the strain on existing infrastructure capacity.

MATERIALS & RESOURCES (MR)

Promote the use of environment-friendly materials sourced from sustainable sources and recycling. Implement proper construction waste management with storage, collection and re-use of recyclables and construction formwork and waste.

WATER EFFICIENCY (WE)

Rainwater harvesting, water recycling and water-saving fittings.

INNOVATION (IN)

Innovative design and initiatives that meet the objectives of the GBI.

Achieving points in these targeted areas will mean that the building will likely be more environment-friendly than those that do not address the issues. Under the GBI assessment framework, points will also be awarded for achieving and incorporating environment-friendly features which are above current industry practice.

NEW LIFE FOR OLD

PLUGGING THE LEAKS IN EXISTING BUILDINGS

26 APRIL 2010

LAUNCH OF THE GBI - EXISTING BUILDING RATING TOOL



YB DATO' SRI PETER CHIN FAH KUI
MINISTER OF ENERGY, GREEN TECHNOLOGY
AND WATER MALAYSIA



TIME
9.00AM - 1.00PM

VENUE
KUALA LUMPUR
CONVENTION CENTRE

KEYNOTE SPEECHES BY
YB DATO' SRI PETER CHIN FAH KUI,
Minister of Energy, Green Technology and Water
Ar. BOON CHE WEE, GBIAP Chairman, PAM President
Ar. VON KOK LEONG, GBIAP, MGBC President
Ir. CHEN THIAM LEONG, GBIAP

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GREENBUILDINGINDEX SDN BHD (845666-V) 4 & 6 Jalan Tangsi, 50480 Kuala Lumpur, Malaysia Tel 603 2694 4182 Fax 603 2697 4182



GBI ASSESSMENT CRITERIA
FOR
NON-RESIDENTIAL EXISTING BUILDING (NREB)

FIRST EDITION | MARCH 2010 | BETA VERSION 2.02

www.greenbuildingindex.org | info@greenbuildingindex.org

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NEW LIFE FOR OLD

PLUGGING THE LEAKS IN EXISTING BUILDINGS

GBI - EXISTING BUILDING RATING TOOL



**YAB DATO' SRI MOHD NAJIB
BIN TUN HAJI ABDUL RAZAK**
PRIME MINISTER OF MALAYSIA

I wish to congratulate Pertubuhan Akitek Malaysia (PAM) and the Association of Consulting Engineers Malaysia (ACEM) for the launch of the new Green Building Index (GBI) tool to help property owners to upgrade their existing buildings to become more "Green" and sustainable.

This is an important step as we press towards a High Income Economy. To achieve this vision we have to plug the leaks to reduce unwanted losses and unplanned wastages. We cannot afford to have buildings that continue to use too much resources and energy whilst at the same time contribute wastes and harmful green house gases that damages the environment. This GBI tool can also help to transform all aging and inefficient buildings to become higher value assets.

The Government's commitment to a greener future is clear. Incentives in the form of tax exemption for building owners, and stamp duty exemptions for buyers of properties that achieve GBI certification have been provided in Budget 2010. These are to help the country to build more Green buildings and also to develop more Green Technologies.

In addition, GBI Malaysia is a good example of how the private sector, professionals and NGOs can work together to come up with an internationally accepted standard for Green Buildings in the tropics. We appreciate and encourage more of such innovation and creative input.

I support and wish you every success in its implementation.

"1 MALAYSIA" People First. Performance Now.

YAB DATO' SRI MOHD NAJIB



YB DATO' SRI PETER CHIN FAH KUI
MINISTER OF ENERGY, GREEN TECHNOLOGY
AND WATER MALAYSIA

Congratulations to Pertubuhan Akitek Malaysia and Association of Consulting Engineers Malaysia for the launch of the new GBI Existing Building Rating Tool.

As the majority of existing buildings in Malaysia were built without green considerations, it is timely that GBI has developed a tool to help property owners to upgrade and retro-fit their buildings. This will give new life to aging and out-dated buildings. They will become more energy, water and resource efficient, have better indoor working qualities and also contribute less waste and green house gases.

The Ministry of Energy, Green Technology and Water is fully supportive of all such contributions and inputs to help drive the development of Green Technology in Malaysia. I am pleased to note that GBI has received the full support of Malaysia's building and property players. Incentives for GBI in the 2010 Budget will further propel the development of more green buildings in Malaysia.

In a short time, GBI has become recognised by the world community as Malaysia's very own green rating tool. It gives building owners who are environment-conscious, as well as business-savvy, the opportunity to build or retro-fit buildings that are not only environmentally more friendly but also make economic sense.

Well done PAM, ACEM and GBI.

YB DATO' SRI PETER CHIN FAH KUI

GBI CERTIFIED PROJECTS

NO.	PROJECT NAME	OWNER/APPLICANT	GBI RATING	CATEGORY
01	PTM GEO BUILDING	PUSAT TENAGA MALAYSIA	CERTIFIED	NRNC
02	KRC SALES GALLERY	KAJANG RESOURCES CORPORATION SDN BHD	CERTIFIED (DA)	NRNC
03	1 FIRST AVENUE	BANDAR UTAMA CITY SDN BHD	GOLD (DA)	NRNC
04	MENARA WORLDWIDE	CENTRAL HOLDINGS BERHAD	CERTIFIED (DA)	NRNC
05	3 HARMONI	SUNWAY SPK HOMES SDN BHD	CERTIFIED (DA)	RNC
06	S11 HOUSE	DR TAN LOKE MUN & CHEW MAY-ANN	PLATINUM (DA)	RNC
07	KEN BANGSAR	KEN PROPERTY SDN BHD	GOLD (DA)	RNC



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**YAB DATO' SRI MOHD NAJIB
BIN TUN HAJI ABDUL RAZAK**
PRIME MINISTER OF MALAYSIA

I wish to congratulate Pertubuhan Akitek Malaysia (PAM) and the Association of Consulting Engineers Malaysia (ACEM) for the launch of the new Green Building Index (GBI) tool to help property owners to upgrade their existing buildings to become more "Green" and sustainable.

This is an important step
To achieve this, we need to
losses and uncertainties
that continue to affect
time contribution
the environment
inefficient buildings

The Government
in the form of
exemptions for
been provided
more Green buildings

In addition, G
professionals
internationally
appreciate and

I support and

In addition, GBI Malaysia is a good example of how the private sector, professionals and NGOs can work together to come up with an internationally accepted standard for Green Buildings in the tropics. We appreciate and encourage more of such innovation and creative input.

I support and wish you every success in its implementation.

"1 MALAYSIA" People First. Performance Now.

YAB DATO' SRI MOHD NAJIB

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YAB DATO' SRI MOHD NAJIB





THANK YOU