

GBI Malaysia is a rating system that provides a comprehensive framework to evaluate the environmental impact and performance of buildings. Buildings are awarded the GBI Malaysia rating based on 6 key criteria:

Energy Efficiency

Indoor Environmental Quality

**Sustainable Site Planning
and Management**

Material and Resources

Water Efficiency

Innovation

GBI Malaysia seeks to reward buildings that set out to achieve targets in any of these six areas. Achieving points in the targeted areas will mean that the building will likely be more environment-friendly than those that do not address the issues.

Under the GBI Malaysia assessment framework, points will also be awarded for achieving and incorporating environment-friendly features which are above current industry practice.

GBI Malaysia Criteria

Green

MALAYSIA

BUILDING INDEX



GBI Malaysia will be launched in April 2009 by Pertubuhan Akitek Malaysia (PAM) and the Association of Consulting Engineers Malaysia (ACEM). It is a profession driven initiative to lead the Malaysian property industry towards becoming more environment-friendly.

It is intended to promote sustainability in the built environment and raise awareness among Developers, Architects, Engineers, Planners, Designers, Contractors and the Public about environmental issues.

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

GBI Malaysia Certification Awards

The assessment process involves an assessment at design stage leading to the award of the provisional GBI Malaysia rating. Final award is given one year after the building is first occupied. Buildings will also have to be re-assessed every three years in order to maintain their GBI Malaysia rating to ensure that buildings are well-maintained.

Buildings are awarded **GBI Malaysia Platinum, Gold, Silver or Certified** ratings depending on the scores achieved.



GBI Malaysia by PAM/ACEM will provide an assessable differentiation to promote environment-friendly buildings for the future of Malaysia. It is a benchmarking rating system that incorporates internationally recognised best practices in environmental design and performance.

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THINK & SAVE

Sustainable Living Tips

How Can I Help?

Why Does It Matter?



ENERGY

- Turn off the lights, air-conditioning and television and reduce unnecessary electrical use.
- Try alternative Green renewable energy for some or all of your electricity.
- Use energy-efficient lighting appliances and hot water services.
- Use fans, openable windows for cross ventilation, insulation and sun-shading devices to cool your homes.

Our energy use is often wasteful and can impact the environment through green house emissions that contribute to climate change. Sourcing for increasingly depleting natural resources also leads to further damage to sensitive environments.



TRANSPORT

- Walk, cycle or use public transport where possible.
- If you use a car, try to car pool with friends or co-workers.
- Optimise car use activities to reduce your car trips.
- Consider the option to live, learn work and play within the community or locality of your home.
- Consider buying a fuel efficient car and service it regularly.
- Consider living in an area that has public transport options.

Improving the way we go about our daily lives can reduce fuel use, which decreases pollution like smog and green house gas emissions, while reducing household costs and saving time.



WASTE

- Avoid excess packaging and use a reusable bag when shopping.
- Recycle packaging and bags.
- Donate unwanted items to charities.
- Use compost systems or worm farms for food scraps and garden wastes.
- Correctly dispose of household hazardous wastes and batteries.
- Do not litter or discharge wastes into the waterways and surroundings.

Avoiding waste where possible, encouraging reuse, recycling and proper waste disposal are all ways to reduce the community's impact on the environment. Proper disposal also helps keep our surroundings clean, healthy and beautiful.



WATER

- Reduce wasteful water use, i.e. have shorter showers, self-closing taps.
- Fix faulty plumbing and install water wise showers and taps.
- Consider changing to low-water-use appliances such as washing machines and toilets.
- Grow a water wise garden.
- Consider installing a rainwater tank for watering the garden or external cleaning purposes.
- Don't throw rubbish into drains and waterways.
- Implement soil erosion and proper drainage to areas where earth has been disturbed to prevent siltation of waterways.
- Preserve and maintain natural water courses and catchment areas.

Waste-free and wise water use helps maintain adequate fresh water resources for the community and the environment.



LIFESTYLE

- Change to a healthier diet and lifestyle.
- Exercise regularly or play a sport.
- Get to know your neighbours and help keep your community safe.
- Visit your health practitioner for regular check-ups.
- Think about sustainability when purchasing or improving your home.
- When you can, buy locally and purchase locally made goods and produce.
- Further learning and developing new skills are great ways to challenge yourself and meet other people.

Good community health, more sustainable green rated buildings and homes, and a more supportive society can contribute to the community's health and sustainability.



ENVIRONMENT

- Join in litter cleanup activities
- Report any illegal dumping or open burning
- Report any illegal logging, mining or destruction of the natural environment
- Enjoy the natural environment and recreational areas through healthy activities such as walking, jogging, hiking, climbing, boating, swimming, snorkeling and diving
- Be responsible to preserve local flora and fauna

A healthy sustainable environment creates and allows its communities to recreate in it. It is an important heritage to be kept for future generations.



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