

WHAT IS THE GREEN BUILDING INDEX?

The Green Building Index (GBI) is Malaysia's industry recognised green rating tool for buildings to promote sustainability in the built environment and raise awareness among Developers, Architects, Engineers, Planners, Designers, Contractors and the Public about environmental issues and our responsibility to the future generations.

The GBI rating tool provides an opportunity for developers and building owners 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 and reduce our impact on the environment.

GBI is developed specifically for the Malaysian-tropical climate, environmental and developmental context, cultural and social needs and is created to:

- Define green buildings by establishing a common language and standard of measurement;
- Promote integrated, whole-building designs that provides a better environment for all;
- Recognise and reward environmental leadership;
- Transform the built environment to reduce its negative environmental impact; and
- Ensure new buildings remain relevant in the future and existing buildings are refurbished and upgraded to improve the overall quality of our building stock.

GREEN BUILDING INDEX ORGANISATION

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.

HOW DOES GBI WORK?

The GBI certification process starts with an assessment of the building design by a certifier appointed by Greenbuildingindex Sdn Bhd. A Provisional certification is then issued, with the final certification issued when the completed building has been verified according to the design. To maintain the certification, the building is reassessed every three years. Points are given for performance above benchmarks and current industry practice. Depending on the scores achieved, the buildings will be awarded one of four types of ratings: Certified, Silver, Gold and Platinum.

The assessment of commercial and residential properties under the GBI rating tool is based on six main criteria as follows:

1 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.

2 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.

3 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.

4 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.

5 WATER EFFICIENCY (WE)

Rainwater harvesting, water recycling and water-saving fittings.

6 INNOVATION (IN)

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

GREEN BUILDING INDEX REGISTRATION FEES

| SIZE OF PROJECT | TOTAL GROSS FLOOR AREA (m ²) | REGISTRATION FEES (RM) |
|------------------|--|---|
| SINGLE RESIDENCE | Below 2,000 | 5,000.00 |
| SMALL | Up to 4,000 | 8,000.00 |
| INTERMEDIATE | 4,001 to 10,000 | 10,000.00 |
| MEDIUM | 10,001 to 30,000 | 20,000.00 |
| LARGE | 30,001 to 50,000 | 32,000.00 |
| EXTRA LARGE | 50,001 to 100,000 | 45,000.00 |
| MEGA PROJECT | Above 100,000 | Assessment fee will be determined on a project-by-project basis |

PROJECT ASSESSMENT

Fee as per prescribed includes:

- 1 Design Assessment (DA)
- 1 Completion & Verification Assessment (CVA)

APPEAL

A flat rate of RM1,000.00 per credit point

* Rates shown are as of the date of the application and registration and may be revised from time to time as appropriate.
* Rates shown are excluding Government Service Tax (GST)