

TO PROVIDE SUSTAINABLE BUILDING SOLUTIONS IN MALAYSIA CONSTRUCTION INDUSTRY (DESIGN ORIENTATION, TECHNOLOGIES AND GREEN MATERIALS)

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ABSTRACT

- 1) What is sustainable construction, advantages and disadvantages?
- 2) What is Green Building Index?
 - 6 areas of GBI (KPI)
 - Latest development in Malaysia
 - GBI rating system
- 3) Roles and duties of parties in Green Building
 - The challenges faced
 - Government initiatives in regards to tax incentives to users (developers, suppliers and designers)
- 4) Types of material used
 - Green technologies, design such as solar panel, glazing, design methods
- 5) Case study
 - PTM Geo Building (Pusat Tenaga Malaysia)
 - Leo KeTTHA (Kementerian Tenaga Teknologi dan Air)