



**SUNWAY BERHAD**

# **GREEN BUILDING POLICY**

Doc No.

Version #1

Process Owner: Property Development

Intended Users: Sunway Group - All Users

Process / Knowledge Area: Policy Statement

Last Updated: 4 April 2022

COMMITTED TO  
**SUSTAINABLE DEVELOPMENT GOALS**



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*Approved by Sunway Berhad Board Sustainability Committee on 4 April 2022*

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## 1. INTRODUCTION

- 1.1. Buildings generate nearly 40% of annual global CO<sub>2</sub>e emissions and produce large environmental footprint. Without widespread existing building decarbonization across the globe, these buildings will still be emitting CO<sub>2</sub>e emissions in 2040 and we will not achieve the Paris Agreement's 1.5°C target.
- 1.2. Sprawling 800 acres, Sunway City Kuala Lumpur is Malaysia's first fully-integrated green township as certified by Green Building Index (GBI), and a Low Carbon City as certified by the Malaysian Institute of Planners. Sunway City Kuala Lumpur was built on a tin-mining wasteland and is a product of outstanding rehabilitation and restoration efforts. Our city also aims to be self-sustainable through our assets such as maintaining urban forestry, rehabilitating our two lakes located in Sunway South Quay and Sunway Lagoon via our water treatment plant, which allows the water collected to be used for our commercial buildings. It is also a living lab that serves as a testbed for researchers, experts and academia to innovate and incubate ideas in addressing the pressing challenges facing humanity.
- 1.3. Sunway Berhad is committed to developing all new buildings completed in 2025 onwards to be green-certified buildings to reduce the overall impact of the built environment on their surroundings.

## 2. PURPOSE

- 2.1. Sunway Berhad (the "Company" or "Group") identifies green buildings as development that focuses on increasing the efficiency of resource use such as energy, water, and materials; while reducing building impact on human health and the environment during the building's life cycle, through better design, construction, operation and maintenance.
- 2.2. This policy outlines guideline on the key requirements that are essential to the development of green buildings.

## 3. SCOPE

Sunway Berhad Green Building Policy (the "Policy") applies at the Group level, and may be adopted by companies dependent thereon. At those companies in which the Group has an interest but do not form a part thereof, the Company will promote, through its representatives on the boards of directors thereof, the alignment of their own policies with those of the Company, such that they adhere to commitments that are consistent with those established in this Policy.

#### 4. POLICY STATEMENT

- 4.1. Sunway Berhad is committed to developing all new buildings completed in 2025 onwards to be green-certified buildings respectively to reduce the overall impact of the built environment on their surroundings.
- 4.2. The Group is also monitoring and reviewing the green certification of existing buildings where an opportunity arises.
- 4.3. The Group shall be guided by the following main principles of conduct, which apply to all its activities and businesses:
  - a) Integration of sustainable practices in development, operations and management which begins during the conceptualization process and extends to the design, construction, operation and maintenance of buildings
  - b) Design and produce built environment that facilitates healthy lifestyles and putting emphasis on the well-being of the stakeholders

#### 5. IMPLEMENTATION

- 5.1. Our key strides towards green buildings and carbon neutrality in areas we operate include but not limited to establishing standard operating procedures to:
  - a) Energy efficiency
    - i. Emphasize building envelop thermal performance by optimising passive low energy architectural design such as natural ventilation and daylighting control
    - ii. Optimising use of renewable energy via on-site energy generation and other methods where applicable
    - iii. Integration of energy-efficient features and technologies to reduce building energy consumption
  - b) Water efficiency
    - i. Implement water efficient design that will reduce overall potable water consumption
    - ii. Encourage and recognise the design of landscaping system that minimises or does not require the use of potable water supply from the local water authority
    - iii. Encourage the design of systems that allows monitoring and management of water consumption

- c) Environmental protection
  - i. Encourage and promote the use of sustainable building materials to reduce demand for virgin materials and reduce waste
- d) Indoor environmental quality
  - i. Design for minimum IAQ performance in buildings to ensure comfort and well-being of building occupants
- e) Other green features
  - i. Incorporate any other green features that will enable particularly environmental data in the building to be recorded, tracked and monitored for performance improvement