

Who are behind Safari Green Building Index?

Safari Green Building Index is an initiative of the Architectural Association of Kenya (AAK) and is wholly owned by the association.

The rating tool was developed by a Technical Committee of AAK's Environmental Design Consultants (EDC) Chapter. The tool also went through a rigorous review by a number of experts in the industry. The following are the members of Safari Green Building Index's Technical Committee:

- Arch. Musau Kimeu
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- Arch. Peter Njeru
- Mr. Maina Kironji
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Contacts

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A Green Building Rating Tool

Developed By:



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IN THE BUILT ENVIRONMENT

What is it?

The Safari Green Building Index is a National Rating System suitable for all kinds of buildings in different climatic zones in Kenya and the rest of East Africa.

Why Green Buildings

Buildings deplete the natural resources to the minimum during its construction and operation.

The aim of green building design is to minimize the demand on non renewable resources, but maximize the utilization efficiency of these resources, when in use, and maximize the reuse, recycling, and utilization of renewable resources.

It maximizes the use of efficient building materials and construction practices; optimizes the use of on-site sources and sinks through bio-climatic architectural practices; uses minimum energy to power itself; uses efficient equipment to meet its lighting and other needs; maximizes the use of renewable sources of energy; uses efficient waste and water management practices; and provides comfortable and hygienic indoor working conditions.

Purpose of the Tool

The Safari Green Building Index has been developed to aid in assessing projects in the built environment to establish their environmental performance and to provide leadership in sustainability through subsequent reduced energy loads and minimized ecological footprints and carbon emissions.

The Safari Green Building Index is a guiding and performance oriented system where points are earned for meeting the design and performance intent of the criteria. Each criterion has a number of points assigned to it.

Scope of the Tool

The provisions of this tool shall apply to:

- All new building works;
- Additions or extensions to existing buildings;
- Building works which involve major retrofitting to existing buildings;
- Building Conservation/Heritage works.

Classification of Green Buildings

- Safari Green Building Index is an application and certification tool that prescribes the categories, characteristics and rating system used to award a green building certificate to all types and sizes of buildings which incorporate building materials, technologies and practices that are environmentally sustainable.

All buildings that adhere to the requirements implied in this rating tool shall be eligible for green building certification at the classification of Class A, Class B, Class C, or Class D. Green buildings are classified based on the following scoring system:



Scoring Methodology

Safari Green Building Index provides localized benchmarks and guidelines for assessing efforts to address climate change and environmental degradation through buildings.

It highlights best practices in building construction, operation and maintenance so as to reduce or eliminate the adverse impact of buildings on the environment and occupants.

The scoring system for green buildings is based on the following 7 performance categories:

