

Table of description of respective measures

Singapore 1.(2) ① D-1

1.Name of measure

D-1: BCA Green Mark Scheme and Green Mark Legislation (The rating started in January 2005; the Green Mark Legislation took effect in Apr 08)

2.Purpose of measure

Scheme set up to evaluate a building for its environmental impact and performance. Buildings are awarded Certified, Gold, GoldPLUS or Platinum rating depending on the points scored on the key criteria including energy efficiency.  
Green Mark Legislation: From Apr 08, all new buildings and existing buildings undergoing major retrofitting works with gross floor area above 2000m<sup>2</sup> must meet the Green Mark Certified Standard.

3.Target sector (transport, building, manufacturing, etc.)

Developers, Building owners

4.Financial resources and budget allocation of measures

not available

5.Method to measure effects of measures (reduction in energy consumption and energy cost, etc.)

not available

6.Results of measures

New Buildings to attain Green Mark Certified Standard

7.Future tasks

not available

8.Others

not available

9.For further details about measures, please contact:

Building and Construction Authority of Singapore (BCA)  
52 Jurong Gateway Road  
#11-01  
Singapore 608550

1.Name of measure

D-2: BCA Green Mark Scheme and Green Mark Legislation (The rating started in January 2005; the Green Mark Legislation took effect in Apr 08)

2.Purpose of measure

Launched in Jan 2005, the BCA Green Mark scheme is a green building rating system, designed specifically for the Tropics, to evaluate a building's environmental impact and performance.

The BCA Green Mark provides a meaningful differentiation of buildings in the real estate market. It is a benchmarking scheme which incorporates internationally recognized best practices in environmental design and performance. This can have positive effect on corporate image, leasing and resale value of buildings.

The BCA Green Mark Scheme covers various areas of environmental sustainability including energy and water efficiency, environmental protection and indoor environmental quality. With emphasis placed on Energy Efficiency, the scheme was first launched as a voluntary certification with 4 levels of ratings : Certified, Gold, GoldPlus and Platinum.

The scheme also forms the backbone of various initiatives and measures under BCA including incentive schemes and minimum environmental sustainability standards/ legislation on both new and existing buildings.

Today, the BCA Green Mark scheme is not just applied to new and existing individual buildings, but also deployed to promote environmental sustainability beyond buildings. This includes parks, supporting infrastructures, districts, rapid transit systems, and even occupant-centric spaces within buildings such as in supermarkets, restaurants, and healthcare facilities.

3.Target sector (transport, building, manufacturing, etc.)

Developers, Building owners, and tenants of various sectors, including commercial, residential, industrial, etc.

4.Financial resources and budget allocation of measures

Pls refer to the tab on "Individual data 2. (3) C (BCA)".

5.Method to measure effects of measures (reduction in energy consumption and energy cost, etc.)

BCA keeps track of the total number of green buildings certified under the Green Mark scheme and total gross floor area 'greened'. To-date, there are:

- Total number of Green Buildings: More than 2,500
- Total Green GFA: More than 70 million m2
- % of total GFA: > 29%

6.Results of measures

Pls see above. Singapore is on track to achieve the key target set by the Inter-Ministerial Committee on Sustainable Development (IMCSD) in 2009: to green at least 80% of the buildings in Singapore by 2030.

7.Future tasks

More Green Mark schemes with specific criteria will be progressively added to address the requirements of different building facilities.

8.Others

nil

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