

## **FAQs on Green Mark Incentive Scheme for Existing Buildings 2.0 (GMIS-EB 2.0)**

### **Q. When will the GMIS-EB 2.0 scheme be ready to accept applications?**

- A. The GMIS-EB 2.0 will be launched in 2Q2022. BCA will be releasing a circular prior to the launch date. Interested parties may wish to subscribe to the Corenet e-Info at <https://corenet.gov.sg/general/Subscribe.aspx> to receive broadcasts on circulars.

### **Q. Who and what types of buildings are eligible for the GMIS-EB 2.0 scheme?**

- A. The scheme will be open to privately-owned buildings with Gross Floor Area (GFA) 5,000m<sup>2</sup> and above, who are planning to undergo green retrofits.
- a. Commercial and Institutional developments (e.g., hotels, offices, retail buildings, healthcare facilities, community institutions);
  - b. Light industrial buildings<sup>1</sup> (excluding energy savings from manufacturing, industrial and commercial processes); and
  - c. Residential buildings (energy savings from common areas / services).<sup>2</sup>

### **Q. Are privately-owned buildings that are fully or partially funded by Government for building-related works eligible for GMIS-EB 2.0?**

- A. No, all government-owned buildings and privately-owned buildings that are fully or partially funded by the Government are not eligible for the scheme.

### **Q. Would developers/building owners be able to apply for GMIS-EB 2.0 concurrently with other BCA schemes such as Green Building Innovation Cluster Demo funding?**

- A. No, buildings that have applied for GMIS-EB 2.0 are not allowed to apply for other BCA incentive schemes. Building owners are required to declare upfront at application stage if their buildings had participated or is participating in any incentive schemes under BCA or other agencies.

### **Q. Would developers/building owners who have participated in the previous GMIS schemes be able to apply for GMIS-EB 2.0?**

- A. Buildings which have participated in the previous Green Mark Incentive Schemes (GMIS), namely Green Mark Incentive Scheme for Existing Buildings (GMIS-EB) and Green Mark Incentive Scheme for Existing Buildings and Premises (GMIS-EBP), are able to apply for GMIS-EB 2.0. However, any scope of works previously funded under GMIS and still within the period of useful life at point of application for GMIS-EB 2.0, will not be included in the computations for grant amount and qualifying cost under GMIS-EB 2.0.

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<sup>1</sup> Only applicable to light industrial buildings under building sector SSIC codes, beginning with 41-43, 46-47, 55-56, 59-62, 64-66, 68-75, 77-82, 84-88, 90-97 and 99

<sup>2</sup> Common areas include circulation areas, lifts, and shared recreational amenities (e.g. function rooms).

**Q. What scope of works are funded under the GMIS-EB 2.0 scheme?**

A. Building owners have the flexibility to employ appropriate design strategies and technologies, based on a list of works approved by BCA, to improve the energy efficiency of their buildings. Some examples include retrofits to cooling systems, installation of solar photovoltaics or other renewable energy sources, and redesigning spaces to incorporate natural ventilation or hybrid cooling. More details can be found in [Appendix 1](#).

**Q. Which version of the Green Mark criteria will be used to evaluate applications under the GMIS-EB 2.0 scheme?**

A. Buildings applying for GMIS-EB 2.0 scheme will be assessed under the [BCA Green Mark 2021 \(GM:2021\)](#).

**Q. How do developers/building owners apply for the GMIS-EB 2.0 scheme?**

A. Interested applicants can submit an application via FormSG that is found on BCA's webpage for [GMIS-EB 2.0](#). There are other supporting documents that are required to be submitted along with the application, including a Retrofit Proposal that provides the technical details of the project such as baseline measurements to determine the current energy performance of the building, calculations of expected carbon abatement from retrofit works over building lifespan<sup>3</sup>, and proposed post-project Measurement and Verification (M&V) methodology as endorsed by a third-party Qualified Professional<sup>4</sup>.

**Q. How will the grant amount be disbursed in GMIS-EB 2.0?**

A. The grant will be disbursed in two tranches:

1<sup>st</sup> Disbursement: Building owners can apply for the first disbursement after receiving the grant LOA and commencement of retrofitting works. Relevant invoices must be submitted alongside with the disbursement application and building owners can only claim for items that have already been paid for up to point of first disbursement application.

2<sup>nd</sup> Disbursement: After the retrofit works are completed, the building owners can apply for the second disbursement when the building has achieved the targeted Green Mark certification, obtaining the Green Mark Letter of Completion (GM LOC) and validated the targeted energy savings after operations have stabilised<sup>5</sup>.

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<sup>3</sup> Based on the assumption of a 15-year life-cycle.

<sup>4</sup> A third-party Qualified Professional refers to Professional Engineer in the branches of mechanical or electrical engineering, Registered Energy Auditor with BCA or Green Mark Advanced Accredited Professional.

<sup>5</sup> Operation stabilized means (i) all retrofit works are completed, (ii) systems (i.e. chiller plant operations) are stabilized and optimized and (iii) building occupancy >60%.

## List of Common Energy Efficient Equipment/Technology Funded Under GMIS-EB 2.0

S/N	Common Energy Efficient Equipment & Equipment Solutions
1	Design/Convert Spaces to Natural Ventilation (NV)
2	Design/Convert Spaces to Hybrid Cooling
3	Regenerative Drives for Lifts
4	Variable Speed Drives (VSD)
5	High Energy Efficient Chillers
6	Chilled Water Pumps
7	Condenser Water Pumps
8	Cooling Towers
9	Chiller Plant Energy Optimization System
10	Chiller Auto Condenser Tube Cleaning System
11	Building Automation System (BAS)
12	Energy Efficient Lighting (e.g. LED)
13	Efficient Air Handling Units (AHU) and Fan Coil Units (FCU)
14	5-ticks Air-conditioners
15	CO2 Sensors for AHU System
16	CO Sensors for Carpark Ventilation Control System
17	Photo Sensors
18	Motion Sensor
19	Heat Pipe & Energy Recovery Wheel
20	Energy Efficient Lifts and Escalators
21	On-site Photovoltaics (PV) or other renewable energy sources
22	Consultancy services including PE (Mech), Energy Auditor, Qualified Energy Services Specialist & Energy Efficiency Opportunities Assessor)

*Note: Any other item not in the above common list will be subject to review and approval from BCA.*