

## **GBIC-DEMO FREQUENTLY ASKED QUESTIONS**

### **1. What is the purpose of this GBIC-Demo?**

The Green Buildings Innovation Cluster-Building Energy Efficient Demonstrations Scheme (GBIC-Demo) serves to demonstrate novel energy efficient technologies that have not been widely implemented locally in actual operating buildings. In doing so, we hope that these demonstrated technologies, if successful would be replicated in other buildings and eventually, commercialized.

### **2. What is defined as 'novel technology'?**

Novel technology is defined as a new way of doing things with either the use of non-conventional methods/processes and/or equipment to achieve significant energy efficiency for the building sector.

### **3. What are the eligibility criteria?**

The eligibility criteria are as follows:

- a. The scheme is opened to all Singapore registered companies, institutions and the public sector;
- b. Demonstrating the energy efficient technology/solution in either a new or existing operationally occupied building in Singapore on a sizeable floor space for impactful results;
- c. Performance of the demonstrated technology/solution must be validated by data collected from instrumentation to be installed by the project team;
- d. Project Team consisting of the Host, the technology provider, the research team including the Principal Investigator.

### **4. What is expected from the demonstration?**

The demonstrated technology/solution should achieve an energy savings of 20% or more from the best-in-class technology (best-in-class *refers to technology that is commercially available in the market that is pegged to Green Mark Platinum ratings*).

### **5. Where can we demonstrate the technology?**

The demonstration should be carried out in either a new or existing building provided by the Host and should be applied to at least a significant floor space (e.g. one floor). Proper instrumentation should be put in place to monitor and track the performance of the technology demonstrated (e.g. sensors and sub-meters).

### **6. What are the incentives?**

Successful applicants would qualify for co-funding for the demonstration of up to 70%, depending on the scale of the demonstration and the complexity of the technology/solution.

### **7. Who should apply for the scheme?**

The application shall be submitted by the Host who is usually the developer or the building owner, on behalf of the project team.

**8. Who will be administering the GBIC-Demo?**

The Building and Construction Authority (BCA) will be administering the scheme.

**9. What items are funded under the GBIC-Demo?**

The funding amount shall defer for each individual proposal according to the items listed that includes design and customization; equipment, materials and installation; testing and commissioning; reporting. Removal of the technology may be supported if the technology under-performs.

**10. Will there be a Grant Call for submission of proposals for the GBIC-Demo?**

As the nature of projects is dependent on the project timeline, the application for the GBIC-Demo will not follow the conventional Grant Call method. Instead, applicants may choose to submit their applications as and when they are ready to do so.

**11. How do we submit the application form?**

The application form is made available here. Please complete the application form and submit it through either of the following ways:

- a. Email in PDF format (preferred option) to [noel\\_chin@bca.gov.sg](mailto:noel_chin@bca.gov.sg) or [majid\\_sapar@bca.gov.sg](mailto:majid_sapar@bca.gov.sg)
- b. Postage mail (Please note that BCA will not reimburse for the cost of postage)
- c. By hand

For options b) and c), the address is:

<p><i>Programme Director Green Buildings Innovation Cluster (GBIC) Centre for Sustainable Buildings and Construction C/O Building and Construction Authority (BCA) Academy 200 Braddell Road Singapore 579700</i></p>
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**12. How long is the processing time?**

It would take on average about 1 month to process the application form. However, in some cases, more time may be required for the purpose of verification and seeking clarification.

**13. How will we be informed if we are successful?**

The GBIC-Secretariat will inform you of the decision (for both successful and non-successful applications) by email.

**14. How will the money be disbursed?**

All claims will be reimbursed upon the submission of the original receipts together with the reimbursement forms to the GBIC Secretariat on a quarterly basis.

**15. How long are we given to complete the demonstration?**

The demonstration should be completed within 3 years from the date of implementation.

**16. What happens to the assets after the completion of the demonstration period?**

The assets will be retained by the host inclusive of the instruments, for continuous monitoring.

**17. Where can we find more information about GBIC-Demo?**

You may visit the following website for more information:

[http://www.bca.gov.sg/ResearchInnovation/gbic\\_demo.html](http://www.bca.gov.sg/ResearchInnovation/gbic_demo.html)

**18. If I am unable to find a Host to demonstrate the technology, who is able to help me to find one?**

If you have a novel technology that you would like to demonstrate, you may get in touch with us and we can help to link you up with a prospective developer or building owner. Please contact Mr Noel Chin at [noel\\_chin@bca.gov.sg](mailto:noel_chin@bca.gov.sg).

**19. What will happen if I am unable to achieve the project savings during the mid-term review/final review?**

We will consider each review on a case-by-case basis. The project team should state the reasons for not being able to achieve the savings and elaborate on the follow up actions. If there is insufficient effort/attempt/justification on the part of the project team to try and achieve the projected savings, it may affect the final pay out for the claims.

**20. If the technology fails to function accordingly and the project team decides to discontinue the demonstration, will we be penalised?**

If there are strong reasons to justify for the early termination of the demonstration, you may submit your request to the GBIC secretariat. We will need to assess and inform you of our decision.

**21. If I am a technology supplier and I would like to carry out a small scale test-bed before proceeding to a large scale demonstration, what should I do?**

There is another scheme that support test-bedding of new technologies. Click [here](#) for more information on the 2-Stage Innovation Grant (iGRANT).

**22. I am a recipient of the GMIS-DP (Green Mark Incentive Scheme – Design Prototype) and would like to apply for the GBIC-Demo. Would I qualify?**

As a general rule, all projects must not have received any form of funding from other government agencies in order to qualify for the GBIC-Demo scheme. Otherwise, there will be a case of double-funding which is not permitted. In this case, as the GMIS-DP funds the design process and workshops, and not the implementation of the technology/solutions, you would be eligible to apply for the GBIC-Demo.