

**GREEN BUILDINGS INNOVATION CLUSTER – BUILDING ENERGY EFFICIENT DEMONSTRATIONS
SCHEME
(GBIC-DEMO)
APPLICATION FORM**

1. Applicants should read the Green Buildings Innovation Cluster – Building Energy Efficient Demonstrations Scheme (GBIC-Demo) factsheet available [here](#) before filling this form.
2. All fields in this application are compulsory. Where information is not applicable, a “N.A” is necessary.
3. All necessary supporting documents must be submitted together with this application form to the following address:

Programme Director
Green Buildings Innovation Cluster (GBIC)
Centre for Sustainable Buildings and Construction, ZEB Level 3
C/O Building and Construction Authority (BCA) Academy
200 Braddell Road
Singapore 579700

4. Where terms or phrases are not defined herein, applicants should write to BCA for clarification.
5. The applicant’s submission of this application form shall constitute a written indication of intent to seek funding support. BCA may thereafter, at its discretion, issue a Letter of Offer to the Applicant containing an offer by duly completing and returning the letter of acceptance (enclosed with the letter of offer) in the manner set out in the Letter of Offer. Upon receipt of the said letter of acceptance by BCA, a binding agreement between BCA and the Applicant shall come into effect.

PART 1 – PARTICULARS OF APPLICANT

(A) Lead Applicant (Developer/Building Owner)

Name of Developer/Building Owner:	
Address:	
Name & Designation of Contact Person :	NRIC/FIN
Contact Number: (Office)	(Mobile)
Email Address:	

(B) Joint Applicant (Industry Partner)

Name of Industry Partner:	
Address:	
Name & Designation of Contact Person :	NRIC/FIN
Contact Number: (Office)	(Mobile)
Email Address:	

(C) Joint Applicant (Research Partner)

Name of Research Partner:	
Address:	
Name & Designation of Contact Person :	NRIC/FIN
Contact Number: (Office)	(Mobile)
Email Address:	

PART 2 – PARTICULARS OF PROJECT

SECTION 2A: DETAILS

Project Title			
Description of Project <i>Please provide the information in a separate document</i>			
Purpose (please tick accordingly)	<input type="checkbox"/> Enhancement of existing technology	<input type="checkbox"/> Replacement of existing technology	<input type="checkbox"/> New energy efficient technology
State the unique features of the Project, including the schematic <i>Please provide the information in a separate document</i>			
How will the technology improve the energy efficiency of the system/building? <i>Please provide the information in a separate document</i>			
Did this technology arise from a Research & Development Project?	<input type="checkbox"/> Yes <input type="checkbox"/> No <i>If 'Yes', please proceed to Section 2B. If 'No', please proceed to Section 2C.</i>		

SECTION 2B

Please share information on the research topic and outcomes <i>Please provide the information in a separate document</i>			
Source of funding		Amount supported	

SECTION 2C

Has the technology been used in any of the buildings in Singapore?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please provide details (eg. name of building, location and year)
Has the technology been used in other countries?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, please provide details (eg. name of building, location and year)

Section 2D: Projected Outcomes

% of Energy Savings compared to Best-In-Class Technology*			
How does it contribute to improvement in Operations and Maintenance	Manpower Savings (Pax)	Cost Savings (SGD)	Reduction in Frequency of Maintenance (nos.)
<u>Energy</u> Projected Savings (kWh/month)		<u>Water</u> Projected Savings (CuM/month)	

*Best-in-Class technology refers technology which is commercially available in the market that is pegged to Green Mark Platinum Standards.

PART 3 – INFORMATION ON DEMONSTRATION SITE

Building Name			
Address and Planning Area (as in URA's Master Plan)			
Gross Floor Area (GFA)			
Building Type	<input type="checkbox"/> Existing	<input type="checkbox"/> New Expected TOP:	
Development Type	<input type="checkbox"/> Commercial <input type="checkbox"/> Mixed use development _____ (please specify) <input type="checkbox"/> Hotel <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Healthcare <input type="checkbox"/> Others _____ (please specify)		
Location of demonstration			
Size of the		Number of affected	

Demonstration (Sqm)		Occupants	
Expected implementation Date (mm/yyyy)		Expected Project Duration (months)	

- *Please provide an updated floor plan indicating the area where the demonstration will be carried out.*
- *Please provide proposal on how data will be collected and describe the process in which the technology be validated. Let us know what protocols standards will be adopted (eg. International Performance Measurement and Verification Protocol).*

PART 4 – COMMERCIALIZATION

Potential Research Topics arising from the demonstration										
Technology Readiness Level (TRL) <i>(Please circle)</i>	1	2	3	4	5	6	7	8	9	10
Potential for Commercialization <i>(Please circle)</i>	Not likely				Very Likely					
	1	2	3	4	5	6	7	8	9	10
Potential number of Patents				Potential number of Licenses						
Potential number of Spin-Offs										

PART 5 - Cost Breakdown

(A) Other Operating Expenses (OOE)

S/No	ITEM	Nos.	Cost per item (SGD)	Year 1 (units)	Year 2 (units)	Year 3 (units)	Total (SGD)*
1							
	Justification						
2							
	Justification						
3							
	Justification						
4							
	Justification						

Please use an additional sheet if required.

To include Instrumentation for collection of performance data

(B) Expenditure On Manpower (EOM) – Applicable to Research Team

Staff Category	Numbers	Cost per head (SGD)	Year 1 (Man Months)	Year 2 (Man Months)	Year 3 (Man Months)	Year 4 (Man Months)
Justification:						
Justification:						
Justification:						

Please use an additional sheet if required.

PART 6 – TIMELINE

Please provide a detailed project timeline stating the start and end dates. This should include the period for data collection preferably after the Defects Liability Period (DLP) or when once the building is fully occupied, whichever is earlier, for a minimum period of 2 years.

PART 7 – UNDERTAKING BY HOST AND JOINT APPLICANTS

In signing the application for GBIC-DEMO, the Lead Applicant and/or Joint Applicant (hereafter referred to as the “Host”) undertake to:

- Declare that all information is accurate and true to the best of their knowledge at the time of submission;
- Not send similar versions or part(s) of this proposal to other agencies for funding;
- Submit supporting documents of ethics approval obtained from the relevant Institutional Review Board (IRB) and Animal Ethics Committee for studies involving human subjects;
- Ensure that the requested equipment/resources are not already funded by another agency or research proposal.

Name and Signature of Lead Applicant

Date

Name and Signature of Industry Partner

Date

Name and Signature of Research Partner

Date