

Nature-based Climate Adaptation Programme  
for the Urban Areas of Penang Island

**GEORGE TOWN AND BAYAN LEPAS  
URBAN GREENING GRANTS PROGRAMME**

**Application Form**

Developed by



With Support from



ADAPTATION FUND

In Collaboration with



UN-HABITAT



MINISTRY OF NATURAL RESOURCES,  
ENVIRONMENT AND CLIMATE CHANGE



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## PROGRAMME PURPOSE

The George Town and Bayan Lepas Urban Greening Grants Programme (“programme”) is part of the *Nature-based Climate Adaptation Programme for the Urban Areas of Penang Island*. This grants programme aims to increase the uptake of vertical green structures and green roofs to reduce temperatures on streets and inside buildings and to mitigate the Urban Heat Island (UHI) effect. It also seeks to promote urban greening practises, such as gardening, to build sustainable and resilient environments through nature-based approaches.

The programme provides funding for the introduction of green facades or roofs. Its objectives include:

- Demonstrating the effectiveness of vertical and rooftop greenery in reducing air temperatures and heat gain while improving indoor and outdoor thermal comfort.
- Showcasing NbS for both contemporary and heritage building facades to enhance thermal performance.
- Empowering communities in implementing vertical and rooftop greening.
- Increasing urban greening and biodiversity, while promoting nature-related activities such as gardening.

## PART 1: URBAN GREENING CATEGORY

Which category are you applying for?

**Green Facades**

- Vertical greening typically involves integrating vegetation on building envelopes. For heritage buildings or structurally unsound buildings where traditional green roofs or facades are not feasible, green facades may extend to privacy screens (see Appendix 3) if the compound is heat-stressed.

**Green Rooftops**

- Rooftop greening refers to a vegetated landscape built from a series of layers that are loosely grown or modularly placed on a roof surface (installed layer by layer on the roof or as pre-prepared layers in trays and planter boxes).

Note: Applicants can apply for both categories but must submit separate budgets. If successful, the grants for both categories will be awarded to the applicant. However, this is subject to final judging based on the suitability of the grant category with the selected building/location. We encourage applicants to apply only to the category most suitable for the selected building/location.

## PART 2: APPLICANT DETAILS

1. Name of Applicant (Individual, Organisation or Institution)

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2. NRIC, ROS or Registration Number

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3. Primary Contact (Project Leader)

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4. Contact Details:

Address: \_\_\_\_\_

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Contact Number: \_\_\_\_\_ Email: \_\_\_\_\_

Secondary Email: \_\_\_\_\_

Website: \_\_\_\_\_ Social Media (Optional): \_\_\_\_\_

## PART 3: PROJECT INFORMATION

1. **Project Name**

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2. **Project Background.** Please share a summary of what you plan to do (Limit: 1000 characters).

3. **Project Location.** Please give exact address (*to be supported by photos of the project site*).

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### PART 3A: PROPERTY INFORMATION

4. Building type:

- Commercial
- Industrial
- Institutional
- Others: \_\_\_\_\_

5. Do you own the property in the abovementioned address?  Yes  No  
If 'No', please state:

a. The nature of your interest in the property (for example leasehold/tenancy etc.).

\_\_\_\_\_

b. Please list the details of this interest (for example the length of your remaining lease term, details of an agreement or option to buy).

\_\_\_\_\_

6. Does anyone else have a legal interest in the property, such as a spouse, partner, organisation or company? For example, your property may be jointly owned, or owned by another individual or organisation.

Yes  No

If 'Yes', please give their details:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

*(Please note that the legal owners of the property are required to submit a written consent appended to this application form)*

### PART 3B: PROJECT DETAILS

1. Vegetation coverage in square metres (*green facades should ideally have vegetation coverage of at least 1,110 m<sup>2</sup>. Green rooftops should ideally have vegetation coverage of at least 3,750 m<sup>2</sup>*).

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2. What inspired this project and what value do you hope it will add to the building and surrounding area? (Limit: 1000 characters)

3. What is the project duration? Please include your target start date and end date.

Project start date : DD/MM/YYYY

Project end date : DD/MM/YYYY

Project duration : \_\_\_\_\_ months \*

*\* Up to 6 months*

4. How do you plan to execute your project to adhere to timeline and projected output? Discuss the methodology, strategy, and process (*to be supported by sun exposure chart, sun path diagram, and design drawings and specifications detailing the type of green roof proposed*). Include the process for collecting data to measure the impact of the green façade or roof, e.g., thermal imagery, energy bills one year before construction and three years after, usage of a device to collect air quality, temperature and humidity data, etc.

5. Please list the other partner(s) involved in this project.  
(Technical advisors, funders, advisors, individuals, organisations, etc.)



## PART 4: PROJECT OUTCOMES

1. What will the benefits of your project be for the local community (e.g., reduction in indoor temperature, social cohesion, etc.)? (Limit: 1000 characters)

2. Who will benefit from this project (e.g., urban residents, low-income communities, etc.)? (Limit: 1000 characters)

### PART 5: PROJECT FINANCING

1. Has this project received any grants/funding from other government bodies or foundations?

Yes

No

If yes, please list down details of the donor, the amount of funds received and what did the funds contribute to.

2. Please state your total project cost, total co-funding and total funding required from Think City.

Total Project Cost (RM)	Total Co-funding (RM)	Total Funding Required from Think City (RM)

*Please submit a budget breakdown using the budget breakdown template below.*

**3. Required documents to include in submission:**

Applications must be accompanied by a proposal that clearly identifies the project site, the proposed green façade/roof system and vegetation coverage (in square metres) and the process of collecting data to measure the impact of the green façade/roof (e.g., energy bills one year before construction and three years after, monthly pictures, etc.). Other required documents to include in your submission are the below:

*Project Planning and Proposal Documents*

- Completed application form
- Applicant's CV/profile/portfolio
- Detailed project cost breakdown

*Company Credibility and Commitment Documents*

- Project timeline with key milestones
- A copy of the property title or written consent from the property owner to prove ownership/consent
- Letter of Undertaking for a minimum three-year maintenance period after project completion
- Proof of mailing address (if applicable)
- Company details – Certificate of Registration with Registrar of Companies/Societies/Business – Form 9, 13, 24, 44, 49, M&A (if applicable)

*Visual and Technical Documentation*

- Photographs of project site
- Thermal images of project site (Think City to assist)
- Sun exposure chart
- Sun path diagram
- Design drawings and specifications detailing the type of green roof proposed

*Please keep copies of your completed application form and all supporting documents. Do not send us original documents or anything of historical or personal value. We will return documents to you only if you specifically ask us to do so.*

## **PART 6: MONITORING AND EVALUATION**

Describe the overall approach of Monitoring and Evaluation to show how the project will be tracked and monitored, including how you will measure the impacts before and after installation of the green façade/roof. \*

*\*Applicants should be aware that, should an application be accepted for funding, we will request a detailed Monitoring and Evaluation (M&E) Plan.*

## PART 7: BUDGET BREAKDOWN TEMPLATE

Please fill in the cost breakdown in the table below:

Item	Amount Requested from Think City (RM)	Co-funding (RM)	Total Project Cost (RM)
<b>Professional Consultancy Fees</b>			
<i>Add line items as needed</i>			
<b>Administrative Fees</b>			
<i>Add line items as needed</i>			
<b>Construction</b>			
<i>Add line items as needed</i>			
<b>Supplies and Materials</b>			
<i>Add line items as needed</i>			
<b>Maintenance</b>			
<i>Add line items as needed</i>			
<b>Total (RM)</b>			

## PART 8: DECLARATION BY GRANT APPLICANT

**Conflict of Interest Declaration:** I declare I have no perceived/pecuniary/direct conflict of interest to the application of this grant, Think City Sdn. Bhd. If yes, please specify.

The information submitted in this application is true, to the best of my knowledge. Should any significant developments arise after this application is made, I shall notify Think City Sdn. Bhd.

By submitting this form, I consent to the processing, collection, use and discourse of the personal data in this form by Think City Sdn. Bhd. and its related affiliates, in compliance with applicable data protection laws and regulations.

I consent to the information contained in this application form being held on computer and circulated to members of the Selection & Advisory Panel, other interested parties and the media in the spirit of accountability and open management.

I consent to allow Think City Sdn. Bhd. the right to publish and document photos, information, research or any details pertaining to the above project.

I acknowledge that the project should be completed within 6 months from the time of grant award.

I agree to repay the grant in a prorated manner should I sell the property within 5 years from the time of grant award.

Signature

Date

.....

.....

Full Name :

IC No. :

APPLICATION FORM

GEORGE TOWN AND BAYAN LEPAS URBAN GREENING GRANTS PROGRAMME