

ANNEX A - Factsheet on BCA-Keppel Land Partnership

About the BCA-Keppel Land Partnership

In June 2016, the Building and Construction Authority (BCA) signed a 3-year partnership agreement with Keppel Land for a joint effort to encourage ***schools and corporate organisations*** to work together and take the lead in championing the green building movement.

To this end, BCA and Keppel Land will embark on a public outreach campaign to facilitate school-corporate collaborations on outreach projects to promote environmental sustainability in the built environment.

Brief description of the campaign

Through this campaign, BCA and Keppel Land will provide a platform for schools and corporate organisations to come together and collaborate on outreach projects for the future green built environment of Singapore.

A project sponsorship fund will be set up to allow partnership entities to tap on the fund to organise and spearhead outreach initiatives or projects. The disbursement of the funds will be governed by a set of pre-requisites and guidelines set out by the working committee, consisting of representatives from BCA and Keppel Land. BCA and Keppel Land have each committed \$225,000 to this fund.

Participation requirements:

- Any Singapore registered organisation or company can take part but they have to involve at least one other partner from the education sector
- The project must support the promotion of sustainability in the built environment for the benefit of Singapore (i.e. nation-wide benefit)
- The objective of the outreach projects must be to promote the demand and awareness of green efficient living spaces in Singapore.
- Although the partnership entity is free to propose outreach projects of any suitable nature, they should focus on the following 2 broad categories:

a. Innovation Projects

These are projects where the school corporate entity undertakes a project that showcases green innovations relating to the built environment. This can include exhibitions or roadshows.

b. Lifestyle Projects

These are projects where the partnership entity organises that directly promote or celebrate the benefits of an improved built environment made possible through sustainable-decisions and building technologies.

Examples of Innovation and Lifestyle Projects and Themes

Suitable Themes for Innovation and Lifestyle Projects

1. Smart and Green Homes / Towns
2. Energy Efficiencies
3. New Technologies
4. Green and Sustainability

Examples of Innovation and Lifestyle Projects

1. Projects → Competitions → Showcase → Outreach

Projects involve challenges provided to Institutes of Higher Learning (IHLs) to carry out experiments leading to competitions. The objective of such projects is to showcase the process, results and impacts by the participants through collective efforts. Such showcase can be done through roving exhibitions, carnivals or pop-up stores to reach out to the target audience.

Examples of such projects include:

- Creating a smart home / town through various technologies and innovations – the objective is to provide a glimpse of the possibilities for future homes. A mock-up of the projects can be created and be showcased through an exhibition, educating the general public of the technology and innovations used.
- Energy-saving methods for homes and offices not commonly practiced by the general public – to educate and promote wider range of energy-saving methods so as to create a greener home and office.

2. Partnership → Workshops → Action Days

Partnerships can be forged through corporate organisations to reach out to the target market through workshops or seminars to impart valuable knowledge and information essential to a green built environment. Action days would then be created to emphasize the efforts and instil the concept to the end-users.

Examples of such workshops include:

- Partnership with Energy Services Company (ESCO) in promotion of energy efficiencies for homes and offices
- Partnership with NGOs
 - Energy Carta, to promote sustainable development and environment, targeting at the youth and industry
 - Environmental Challenge Organisation (ECO Singapore), with the focus on reaching the community and schools on an environmental issue
 - Singapore Environment Council, to develop awareness, knowledge, skills and tools in order to protect and improve our environment for a sustainable future
 - Singapore Green Building Council, to raise awareness of green buildings in Singapore to non-industry users

3. Test-bedding → Showcase → Documentary/Journalistic Platforms/ Exhibitions

Test-bedding can be carried out through partnership with IHLs and corporate organisations which could provide essential prototypes. Processes will be recorded for future showcasing purposes. Upon completion, the records can be used to showcase in a documentary or journalistic form whereby the target market will get to understand the processes.

A mock-up of the test bedding prototype can also be created to be displayed for the target market so that they can view and experience the innovation project.

Examples of such test-bedding include:

- New technologies for schools or offices, such as the latest generation of photovoltaics
- Zero energy classrooms or offices
- Experimental green technologies

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