

MEDIA RELEASE

4D EXPERIENCE GLASS HOUSE TO EDUCATE THE YOUNG ON GREEN BUILDINGS AT (BIG) DAY OUT 2016

Singapore, 22 June 2016 – The Building and Construction Authority (BCA) and Singapore Green Building Council (SGBC) will be bringing the storybook “The Adventures of Greco and Beco: The Glass House” to life!

2 From 24 to 26 June, families can bring their kids to learn about the features of green buildings and eco-friendly practices while immersing in fun and games at various stations in this year’s Build-it-Green (BiG) Day Out. Held at the Toa Payoh Hub Atrium, visitors will be able to take home important messages on greening the built environment while interacting with familiar characters and scenes from the storybook. More details about the storybook can be found in the Annex.

3 “Children and families might have heard the story through the storytelling sessions last year or read the book from the library, school or the internet. However, learning is at its best when it is through real-life experiences. That is why we are bringing life size replicas of the book’s buildings and elements to the heartlands,” said Ms Jeanna Das, Group Director for Corporate Development, BCA.

Highlights of BiG Day Out 2016

4 Visitors of BiG Day Out 2016 can look forward to a 4-Dimensional experience at the mock-up Glass House, where they will be able to feel the effects of a building that has a non-environmentally sustainable design and fittings (e.g. incandescent light bulbs, poor ventilation) as storybook characters bring them on a tour around the house through a short animated film. At another station, visitors will learn how to make eco-friendly choices for the household through a matching game that requires players to identify energy and water efficient appliances as well as products under the Green Labelling Scheme in the shortest time possible. Visitors can also bring home their own creations and even a caricature of themselves in the outfits of today’s green built

environment “heroes” at the arts and crafts station. More event details and highlights can be found in the Annex.

Live puppet show by Singapore Science Centre’s KidSTOP™

5 “About one-third of the total global greenhouse gases is attributed to buildings. To prepare the future generation for the fight against climate change, it is thus important to inculcate values of greening the built environment from young. Hence, we are constantly exploring new ways to reach out to the kids. We are glad to have Singapore Science Centre’s KidSTOP™ collaborating with us this year, to give a refreshing take on our storybook - in a form of a live puppet show. The public can catch the show at the BiG Day Out event or at KidSTOP™ till the end of this year,” Ms Das added.

Learn and support Ground-Up Initiative’s green cause

6 Ground-Up Initiative (GUI), a non-profit organisation, will also be at the event to share their vision for a 5Gs (Gracious, Green, Giving, Grounded & Grateful) Singapore. Visitors can learn about GUI’s community campus called “Kampung Kampus” and their initiatives aimed at nurturing future generation of resilient people and grounded leaders. Visitors will also be able to pledge their support for the construction of Kampung Kampus, which aims to achieve zero carbon footprint with innovative and energy efficient technologies. With buildings serving as ‘Hardware’, GUI believes that it is also through the ‘Software’ and most importantly, the ‘Heartware’ that a committed community can be the change to adopt a more sustainable lifestyle. More details about GUI can be found at <http://groundupinitiative.org/>.

Issued by the Building and Construction Authority on 22 June 2016

Enclosed:

Annex – Factsheet on Build-it-Green (BiG) Day Out

About Building and Construction Authority

The Building and Construction Authority (BCA) of Singapore champions the development of an excellent built environment for Singapore. BCA’s mission is to shape a safe, high quality, sustainable and friendly built environment, as these are four key elements where BCA has a significant influence. In doing so, it aims to differentiate Singapore’s built environment from

those of other cities and contribute to a better quality of life for everyone in Singapore. Hence, its vision is to have "a future-ready built environment for Singapore". Together with its education arm, the BCA Academy, BCA works closely with its industry partners to develop skills and expertise that help shape a future-ready built environment for Singapore. For more information, visit www.bca.gov.sg.

Annex – Factsheet on Build-it-Green (BiG) Day Out

Build-it-Green (BiG) Day Out is a public outreach event jointly organised by the Building and Construction Authority of Singapore (BCA) and Singapore Green Building Council (SGBC). Targeted at families with children, the event uses a fun and interactive approach to raise awareness about the importance of having an environmentally sustainable built environment and encourage the adoption of green living practices among the local community.

Build-it-Green (BiG) Day Out 2016

This year, the event features a theme park based on the storybook “The Adventures of Greco and Beco: The Glass House”.

About the storybook

Launched in 2015 by BCA and the National Library Board (NLB), the illustrated storybook tells the story of Bucky Foo, a young architect who learns about the detrimental effects of his glass house design as he travels back in time with the other storybook characters. Together, they find out about the undesirable living conditions of a house that has a non-environmentally sustainable design and fittings. It was then when Bucky realised the importance of having green buildings and sustainable living habits.

Four storytelling sessions were held in libraries in 2015. Copies of the book are available at the libraries as well as kindergarten and primary schools. Public can also read the full online version [here](#).

Event Details

Venue: Toa Payoh Hub Atrium

Opening hours:

Date	Time
24 June 2016, Friday*	2pm – 8pm
25 June 2016, Saturday	10am – 8pm
26 June 2016, Sunday	10am – 8pm

Admission is free.

*The launch ceremony will be held on 24 June 2016, Friday from 2pm to 3.30pm and graced by Guest-of-Honour Senior Minister of State for National Development and Home Affairs, Desmond Lee.

Event Layout and Highlights



Doodle Sculpture

Visitors can express their thoughts and wishes for the future green built environment in a form of a doodle at the doodle sculpture station. The Band of Doodlers and VIPs will start the ball rolling by contributing their piece on the first day of the event. The completed “work of art” will be a symbol representing the people united and committed to a sustainable built environment.

The Glass House

A 4-dimensional experience where visitors can watch a short animated film and experience the effects of the non-environmentally sustainable building design and fittings that were featured in the storybook.

My Green Home

This exhibit will give visitors an introduction to the various key built environment professions and their role in developing a sustainable built environment through mini games.

Sunshine Roof Garden

Be informed that roof gardens and green walls help to reduce a building façade’s temperature. In return, the energy needed to cool the building’s interior will be lesser and this results in energy savings. Participants will be playing the Jumbo Jigsaw game to understand about the use of roof gardens and green walls.

Sundial Park

Visitors will learn about the importance of orientating houses and buildings to suit the orientation of Sun as they work together to rotate the house according to the indicators of the sundial.

Lake Hijau

Visitors will have to “fish” for their answers as they take part in a quiz on green buildings.

Hijau Emporium

Visitors will learn to identify the energy and water efficient appliances as well as products under the Green Labelling Scheme through a matching game.

Rainbow House of Paint

A “shoot-the-can” style game where visitors have to shoot down as many cans containing toxic paint as they can within a time limit. This reinforces the message to choose eco-friendly paint that has low levels of Volatile Organic Compound, which are durable, cost-effective and less harmful to human and environmental health.

Event Merchandise

Visitors can redeem an exclusive BiG Day Out merchandise after collecting all five stamps from the following game stations:

- Rainbow House of Paint
- Hijau Emporium
- Lake Hijau
- Sundial Park
- Sunshine Roof Garden

Other Event Programmes and Activities

There will be other exciting games and performances ongoing at the main stage. Visitors will also be able to take part in arts and crafts activities at the Masak-Masak corner.

Visit <https://www.bca.gov.sg/bigdayout/> for more information.