

MEDIA RELEASE

ACTION FROM THE GROUND UP: NEW PROGRAMMES BY BCA TO SPUR ACTION ON THE GROUND FOR ENVIRONMENTAL SUSTAINABILITY

- *Behavioural change workshop to inculcate green culture for building tenants*
- *SMS Desmond Lee launched Back to School programme for students to help their school attain Green Mark certification.*

9 September 2016, Singapore – To inculcate behavioural change for a more sustainable environment, BCA is collaborating with UK expert Mr Chris Large to pilot a customised half-day workshop for building tenants.

2. This workshop is one of the many outcomes that resulted from reaching out and learning from international experts in the areas of environmental sustainability and finding ways to apply relevant expertise back home.

3. A Senior Partner of Global Action Plan (GAP), Mr Large has also been invited as a speaker at BCA's Breakfast Talk for CEOs today. Global Action Plan is a non-governmental organisation that specialises in cultivating sustainable behavioural change through customised programmes. Mr Chris Large has directed effective staff engagement programmes for three of the big six energy suppliers in the UK and established a first behaviour change programme with Tesco – the UK's largest food retailer – a project which went on to win an Edie Award in 2015.

Pilot workshop on behavioural change targeting to green retail tenants

4. NTUC FairPrice will be the first to attend the pilot workshop by Mr Large, which is designed to build the capability of management-level representatives and store managers to inculcate behavioural change in their workplace. The workshop will help NTUC FairPrice to identify best practices to engage staff on environmental issues and opportunities to reduce its environmental impact through staff's action.

5. “Since joining the BCA Green Mark Portfolio Programme in 2013, we now have 23 stores certified with the BCA Green Mark and we will continue to use the Green Mark standard as the benchmark for our design and renovation of outlets. FairPrice values our partnership with BCA to develop new ways to engage our staff, customers, partners and the community on how we can better play our part for the environment,” said Mr Koh Kok Sin, Chairperson, Green Committee, NTUC FairPrice.
6. “As a responsible retailer, FairPrice strives to make lives better by doing good in our community, which includes caring for the environment. Our sustainability objective is to manage resources as carefully and as responsibly as we can and we track environmental performance as one of our business priorities,” he added.
7. BCA CEO, Dr John Keung said, “Beyond ensuring that the hardware of buildings is energy efficient, the “heartware” is equally important to optimise the energy performance of a building. Through the pilot workshop on behavioural change which has been customised to our local context, we are keen to explore the potential of achieving tangible energy savings through simple and sustained behavioural change programmes.”

Launch of Back to School programme

8. At the Breakfast Talk for CEOs event, SMS Desmond Lee launched the Back to School programme, an internship programme for students spearheaded by BCA. BCA is officially extending this internship programme to other polytechnics after its pilot project with Temasek Polytechnic (TP) last year. During the pilot, 12 students returned to their primary and secondary schools to provide recommendations on how to enhance the school’s environmental programmes and infrastructure. They acted as Green Mark consultants to help the schools to attain Green Mark certification. This provided great exposure and learning opportunities not just for the interns alone, but their schools as well.
9. To date, students under the programme have successfully greened three schools and are in the midst of greening another seven schools. Past interns have proceeded to further their studies in built environment related courses in National University of Singapore (NUS).
10. The programme is part of BCA’s initiative to step up student engagement programmes and groom the next generation of green collar workforce.
11. The BCA Breakfast Talk for CEOs is themed as “Transforming Businesses for a Sustainable Future”, which focuses on the successful green partnerships between

building owners and tenants for stronger business resilience. Professor Ivy Ng, Group CEO of SingHealth was also invited to share on their organisation's sustainability masterplan and end-users engagement experiences.

Enclosed:

Annex A – Factsheet on behavioural change workshop

Annex B – Biography of Mr Chris Large

Annex C – Factsheet on Back to School programme

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About BCA

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 A

FACTSHEET ON BEHAVIOURAL CHANGE WORKSHOP

Background

Achieving top-level performance in a multi-tenanted commercial building requires **concerted efforts of all its stakeholders**. Data collected under the mandatory Building Energy Submission System (BESS) has shown that tenants contribute to half of the total building energy consumption. Thus, both building landlords and tenants will need to work closely together to achieve greater energy consumption reduction for the entire building, with **tenants taking a more active role** in improving energy efficiency within their premises. This is in line with our objective to drive deeper and more sustained outcomes in reducing energy use through greater awareness and positive behavioural changes under BCA's 3rd Green Building Masterplan.

Objective

The objective of this workshop is to demonstrate that behavioural change programmes:

- are easy to implement and sustain
- can lead to measurable and tangible outcomes

About 35 FairPrice management level representatives and store managers will learn about:

- best practices to engage staff on environmental issues
- identifying opportunities for FairPrice to reduce its environmental impact through staff's action

About Global Action Plan

Global Action Plan is part of GAP International - a network of local delivery teams, over 24 countries that run behaviour change programmes with schools, communities and businesses. They bring people together and inspire them to take practical environmental action. They collect the impact of organisations/ people's actions and share their stories, so more people are inspired to change.

Past case studies by GAP

In UK, Global Action Plan (GAP) has worked with large organisations in implementing behavioural change programme at workplaces. An example of such programme, would be Sainsbury's, who launched the Greenest Grocer campaign in October 2013. GAP and the energy team at Sainsbury's tapped into the motivations of Sainsbury's colleagues to develop an action-focused campaign that demonstrates the link between energy-saving actions and a great shopping experience. Through the campaign, Sainsbury's stores have saved over 3% of energy consumed compared to 2012/2013. In total, 22 million kWh of energy was saved, which is equivalent to £2 million, and 8,900 tons CO₂

Annex B

Mr Chris Large Senior Partner Global Action Plan UK



Mr Chris Large has led environmental change programmes for Global Action Plan since 2005. He holds a Cambridge University Sustainability Leaders PGC in Cross Sector Partnerships and has extensive knowledge and experience of forming collaborations with public and private sector organisations to deliver effective environmental programmes.

An example of this was the pioneering Barts Health Cleaner Air for East London Programme which Mr Large set up by creating a partnership with the Greater London Authority, Barts Health NHS Trust and four London local authorities. The programme has been cited as an example of best practice by the Royal College of Physicians.

Mr Large has directed effective staff engagement programmes for three of the big six energy suppliers in the UK and established a first behaviour change programme with Tesco – the UK’s largest food retailer – a project which went on to win an Edie Award in 2015. Mr Large leads the Operation TLC programme in partnership with Barts Health NHS Trust, which is saving energy and creating a better hospital experience for patients in hospitals across England. Operation TLC has won four awards to date for its innovative approach of linking energy saving actions to building occupant wellbeing.

Mr Large has supported the take up of sound behaviour change practices through training hundreds of environmental advocates. He has trained pan-European climate leaders for the British Council, local authority signatories of the Nottingham declaration, and environment officers of higher education bodies, central government departments, NGOs and corporations.

Annex C

FACTSHEET ON BACK TO SCHOOL PROGRAMME

Background

Back to School Programme is part of BCA's initiative to enhance student engagement and education in environmental sustainability, and to groom the next generation of green-collar workforce. It is a meaningful platform to further the green movement by getting alumni of schools, to return to their roots. These students would facilitate the school to attain Green Mark and enhance its environmental sustainability programme.

Objective

The Back to School Programme is a BCA initiative to step up student engagement programmes and groom the next generation of green collar workforce in the following ways:

1. Entice

- Entice students and schools to come on-board this green building journey
- Entice students to embark on green building careers through structured internship and mentorship programmes led by BCA officers

2. Employ

- Provide students with a platform to employ skills and knowledge learned in school

3. Envoy

- Get students to be envoys and vehicles to spread sustainability messages

Overview of 2015 pilot project

- Since 2015, BCA has been collaborating with Temasek Polytechnic (TP) as a pilot project to enhance environmental education and groom the next generation of green-collar workforce by providing structured internship programmes for students. These student interns were sent to their primary and secondary schools to provide recommendations to enhance the school's environmental programmes and infrastructure. They acted as Green Mark consultants to help the schools to attain Green Mark certification.
- To date, students under the programme have successfully greened three schools and are in the midst of greening another seven schools as follows:

No.	School Name	Green Mark Rating
1	Admiralty Secondary School	Gold
2	Beatty Secondary School	Gold ^{PLUS}
3	Pei Cai Secondary School	Gold
4	Ang Mo Kio Secondary School	On-going projects targeting at least Green Mark Gold.
5	Chung Cheng High School (Main)	
6	Da Qiao Primary School	
7	Hong Wen School	
8	Serangoon Garden Secondary School	
9	Serangoon Secondary School	
10	Xinghua Primary School	

- These students successfully obtained Green Mark certification for their alma maters during their internships and enrolled into built-environment related courses in the National University of Singapore (NUS) upon graduation.