

Global Alliance for Buildings and Construction *Regional Roundtable and Meetings*

07-08 September 2016

Marina Bay Sands and BCA Offices, Singapore

Summary of Roundtable and Meetings

The Global Alliance for Buildings and Construction (GABC) conducted its first **Regional Roundtable for Asia Pacific** in conjunction with the International Green Building Conference in Singapore, hosted by GABC partner, Building and Construction Authority of Singapore (BCA). The roundtable was co-organized by UNEP and BCA, and brought together more than 85 participants representing national governments, local authorities, NGOs, international financial institutions and academic/research institutions from fourteen countries in the region.¹

Organized meetings and activities included: an introductory Roundtable Session, Bilateral Discussions among participants; a presentation of the UNEP Finance Initiative publication, *Sustainable Real Estate Investment - Implementing the Paris Climate Agreement: An Action Framework*; Working Session of the SE4All Building Efficiency Accelerator; and networking activities.

Roundtable Session (07 September)

Participants were welcomed to the Roundtable by Mr. Curt Garrigan, Programme Officer for UN Environment, who presented the objectives of the roundtable and agenda of GABC meetings. Mr. Garrigan introduced Mr. Jerome Audhui, Councillor of Sustainable Development, Transport and Energy, Embassy of France in Singapore. Mr. Audhui, provided an overview of the Paris Climate Agreement and the Government of France's efforts to facilitate actions in key sectors through the Lima Paris Action Agenda and its support for the Global Alliance for Buildings and Construction. Mr. Jeffery Neng, representing BCA also welcomed participants on behalf of Singapore, and informed the participants of the events and activities occurring during the International Green Building Conference. Mr. Frederic Auclair, Coordinator of the GABC, provided a welcome on behalf of the alliance and presented a summary of the GABC structure and activities since COP21.



Members of the Alliance represented at the Roundtable Session included: Government of France; Government of Singapore (BCA); Government of Viet Nam (Ministry of Natural Resources and Environment) BCA-Singapore; Copenhagen Centre for Energy Efficiency (UNEP-DTU Partnership); ICLEI, Royal Institution of Chartered Surveyors; TERI; UN Environment, World Green Building Council (through the national councils of Philippines, Korea, Malaysia, Singapore, and the Hong Kong Green Building Council).

¹ Bhutan, Cambodia, China, Indonesia, India, Korea, Malaysia, Maldives, Mongolia, Nepal, The Philippines, Singapore, Thailand, Viet Nam

Roundtable participants provided self-introductions and their interests in the GABC, opportunities for collaboration in the region, as well as needs and/or offers that the GABC may be able to facilitate (A brief summary of participants' expressions is listed in Annex I).

UNEP Finance Initiative Presentation (07 September)

UNEP Finance Initiative organised a talk/workshop to introduce its *Sustainable Real Estate Investment - Implementing the Paris Climate Agreement: An Action Framework*. Ms. Elodie Feller, Investment Commission Coordinator, UNEP-FI, introduced the session and provided a brief overview of the initiative's sustainable real estate work. Participants were formally welcomed to the session by Mr. Kian Seng ANG, Group Director, Building and Construction Authority of Singapore.

Mr. Eric Usher, Head of UNEP FI, delivered a summary of the Paris Climate Agreement and the need to mobilise the private sector, specifically the real estate industry and investors, to realize the objectives and targets of the agreement. He stated that UNEP FI's Action Framework for Sustainable Real Estate provides clear guidance for the industry and investors to incorporate sustainability and climate considerations in their portfolio decisions.

Mr. Calvin Lee Kwan, General Manager, Sustainability, The Link REIT and Member of the UNEP FI Property Working Group presented the *Sustainable Real Estate Investment Action Framework*, which was followed by a panel discussion. Mr. Kwan was joined in the panel by Esther An, Chief Sustainability Officer of City Developments Ltd, and Mr. Bentinck Ng, Business Development Manager of Sustainable Development Capital Pte, Ltd. The panel was moderated by Mr. Peter Verwer, CEO of Asia Pacific Real Estate Association.

Mr. Verwer facilitated a discussion among panelists of investment priorities and portfolio management strategies which integrate environmental, social and governance (ESG) and climate risks. Panelists discussed principles of responsible investment that guide their corporate decisions and improve asset values, integrating risks into investment decisions, and the role of the private sector in accelerating a transition to a more sustainable sector. Panelists agreed that obstacles to finance green and energy efficient buildings are not insurmountable, and that integrating ESG in investments in portfolio decisions supports energy efficiency and climate actions.

Building Efficiency Accelerator Regional Partners Meeting (08 September)

The Building Efficiency Accelerator (BEA) conducted a Regional Partners Meeting which engaged a number of partner cities in the Southeast Asia, East Asia, and South Asia regions, as well as participants representing other cities in the region. Partner cities included: Mandaluyong and Santa Rosa, The Philippines; Iskandar, Malaysia; and Rajkot, India. Representatives from Ulaanbaatar, Mongolia; Jakarta, Indonesia; Phuket, Thailand; and Lalitpur, Nepal also joined the session to learn more about the offers of the BEA and participate in the session exercises.

The session was co-led by WRI and ICLEI, which serves as the BEA Regional Lead for all three regions in Asia. The session also included participation from BEA partner organizations: Copenhagen Centre on Energy Efficiency (C2E2), Global Buildings Performance Network (GBPN), IFC, and UN Environment. Ms. Shannon Hilsey, Project Coordinator for the Building Efficiency Initiative at WRI provided a summary of the BEA and its offers, and presented the results from the BEA activities in Mexico City as an example of the potential for partner cities. Mr. Garrigan from UN Environment presented the structure of working groups and thematic offerings of the BEA, including those on finance, public procurement, and retrofits.

ICLEI Representatives, including: Ms. Lucy Price (ICLEI World Secretariat); Ms. Julie Yang (ICLEI East Asia); and Mr. Jose Gochoco III (ICLEI Southeast Asia), joined Ms. Hilsey to lead a marketplace vision mapping exercise in which representatives outlined what they would like to achieve in building efficiency in their respective cities, as well as common goals and obstacles. Mr. Lucas Bossard, representing C2E2 (UNEP-DTU Partnership) presented participants with an overview of climate finance,

and Mr. Peter Graham (GBPN) led a session focused on city to city exchanges and sharing city experiences.

Bilateral Sessions

GABC Coordinator Frederic Auclair and UNEP Programme Officer Curt Garrigan conducted a series of bilateral and group discussions with participants to further identify needs and potential actions. Mr. Constant van Aerschot from the Business Council for Sustainable Development-Singapore also discussed with participants the World Business Council for Sustainable Development's EEB model for private sector engagement.

Some participants further elaborated their needs and offers, and common interests were identified among country participants and other organisations, including:

- Development of building NAMAs (Bhutan, Cambodia, Maldives)
- Technology development for low-carbon buildings (Cambodia, Maldives)
- Establishment of data, benchmarking and enforcement regimes (Bhutan, Philippines, Viet Nam)
- Private Sector engagement (Philippines, Viet Nam)
- Capacity building
- Opportunities for incorporating energy efficiency measures in housing programmes, including affordable and social housing.

Outcomes

The Roundtable and associated meetings resulted in some key outcomes which the GABC can take forward:

- The need for capacity building and technical support for energy efficiency and green buildings was identified as a common element in countries throughout the region
- There is a need to accelerate finance for energy efficiency in buildings throughout the region, and develop national models for finance that meet local context and conditions
- There is potential for a platform to be developed for traditional building, incorporating elements of both skills and local materials
- Project concepts based on country needs were identified, including:
 - third party review of data and baselines;
 - development of NAMA for Energy Efficiency in Buildings;
 - establishment of workforce development programmes to facilitate energy efficiency programmes;
 - development of building codes;
 - training programmes to develop green products in the region
- Organisations identified areas for collaboration and offered to share data and information
 - Royal Institution of Chartered Surveyors (RICS), IFC, Philippines, Indonesia and Viet Nam discussed dissemination of information developed through respective projects, and others offered to participate in the global survey on data being coordinated by RICS for the GABC
 - Representatives from Korea and Malaysia Green Building Councils offered to help build business case for green buildings in the region
 - IFC offered to further share the EDGE tool and support development of codes

- Business Council for Sustainable Development- Singapore, will facilitate sharing of WBCSD's Energy Efficiency in Buildings approach
- Building and Construction Authority of Singapore offered expertise for technical support and capacity building in the region
- Iskandar representatives offered to share experience in development of local policies
- Many organisations offered to contribute lessons learned, project experiences, and best practices
- Country representatives expressed interest in further engagement with the Global Alliance for Buildings and Construction. Thailand offered to share the framework approach it used to define GHG by economic sectors, including buildings, which contributed to development of its INDC.
- The Hong Kong Green Building Council agreed to assist in hosting the next Asia Pacific Roundtable of the GABC in conjunction with the World Sustainable Built Environment Conference, 05-07 June 2017

List of Participants – Global Alliance for Buildings and Construction Roundtable

First Name	Last Name	Designation	Organisation	Country
Greg	Foliente	Senior Science Leader	CSIRO Australia and iISBE	Australia
Karma	Euthra	Climate Change Focal Point	Engineering Adaptation and Risk Reduction Division (EARRD), Department of Engineering Services (DES)	Bhutan
Milag	San Jose-Ballesteros	Regional Director for Southeast Asia and Oceania	C40	C40
Sophal	Leang	Chief of GHG Inventory and Mitigation	MOE	Cambodia
Rongjiang	MA	Department of Building Science, School of Architecture	Tsinghua University	China
Lucas	Bossard	Senior Advisor, Climate Finance	UNEP DTU Partnership	Denmark
Jerome	Audhui	Councillor of Transport, Energy, Sustainable development	Regional Economic Department, Embassy of France in Singapore	Embassy of France in Singapore

Frederic	Auclair	Coordinator	Global Alliance for Buildings and Construction- Paris	GABC
Hau-Wai	Cheung	Chairman	Hong Kong Green Building Council	HONG KONG, CHINA
Benny	Chow	Director	Hong Kong Green Building Council	HONG KONG, CHINA
Heidi	Hui	Marketing Director	Hong Kong Green Building Council	HONG KONG, CHINA
Lucy	Price	Low Carbon Cities Officer	ICLEI	ICLEI
Julie	Yang	Program Officer	ICLEI East Asia	ICLEI
Jose Bernardo B.	Gochoco III	Project Officer - Mitigation	ICLEI SE Asia	ICLEI
Ashish	Verma		ICLEI South Asia	ICLEI
Disha	Sharma	Research Associate	TERI	India
Herry	Priyatno	Government Employee	Jakarta City Planning Department	Indonesia
Agus	Gunawan	Technical Officer, Subdivision for Mitigation Instruments	MoEnvironment and Forestry	Indonesia
Endang	Pratiwi	Head, Subdivision for Mitigation Instruments	MoEnvironment and Forestry	Indonesia
M. Idrus	Alhamid	Professor, Head of Refrigeration and Air Conditioning Lab,	University of Indonesia	Indonesia
Autif	Sayyed	Regional Green Building Specialist-Asia	International Finance Corporation- Jakarta	International
Chungha	Cha	Vice Chair	Korea Green Building Council	Korea
Dong-Young	LEE	Green Architecture Division	Ministry of Land, Infrastructure and Transport	Korea
Hamizah A.	Rahman		IRDA - Iskandar	Malaysia

Ong	Hwa Chong	Assistant Vice President	IRDA - Iskandar	Malaysia
BK	Singh	CEO	Malaysia Green Building Council	Malaysia
Ahmed	Waheed	Director, Climate Change Department, MOE	MOE	Maldives
Amgalanbayar	Enkhtuvshin	Investment Officer at Bank of Mongolia	Bank of Mongolia	Mongolia
Enkhmunkh	Temuulin	Executive Director	Ulaanbaatar Development Corporation	Mongolia
Pradeep	Amatya	Environmental Engineer	City of Lalitpur NEPAL	Nepal
Ambika	Amalys	Program Officer	MUAB	Nepal
Arnold	Belver	Technical Officer, Subdivision for Mitigation Instruments	Climate Change Commission	Philippines
Armando T.	Comandao	Head of City Planning and Development Office	City of Mandaluyong	Philippines
Rowena	Ramos		Climate Change Commission	Philippines
Erlinda C.	Creencia	City-ENRO	City of Santa Rosa	Philippines
Arnold	Arcillas	Vice Mayor	City of Santa Rosa	Philippines
Johnson V.	Domingo	OIC Project Director- Buildings Management- Dept of Public Works and Highways	Dept of Public Works and Highways	Philippines
Anna	Tungol	Executive Director	Philippines Green Building Council	Philippines
Chris	De la Cruz	President	Philippines Green Building Council	Philippines
Rowena	Elemento	Regional Office for Asia Pacific	UNEP	Philippines
Ursula	Hartenberger	Global Head of Sustainability	RICS	RICS

Davina	THAM		Ministry of Foreign Affairs	Singapore
Mei Ting	PHANG	Senior Manager	Green Building Policy Department, Building and Construction Authority	Singapore
Yuriy	Myroshnychenko	Senior Energy Specialists	The World Bank Group	World Bank-Singapore
Constant	Von Aerschot	Executive Director	Business Council for Sustainable Development Singapore	Singapore
Phirun	Saiyasitpanich	Director	Climate Change Coordination and Management Office	Thailand
Harabutra	Pornuma	Demand Side Management and Planning Division	Electricity Generating Authority of Thailand	Thailand
Jirasak	Mantharngkul	Director, Demand Side Management and Planning Division	Electricity Generating Authority of Thailand	Thailand
Apichit	Therdyothin	School of Energy Environment and Materials,	King Mongkut's University of Technology Thonburi	Thailand
Gorngaew	Kraipetch	Deputy Director, Department of Housing Development Studies	National Housing Authority	Thailand
Pichanon	Phasupong	Research and Technology Construction Development Division	National Housing Authority	Thailand
Somkid	Premcharunan	Director of Socialized Housing Project Administration Division	National Housing Authority	Thailand
Suchada	Sirorangsee	Director, Department of Housing Development Studies	National Housing Authority	Thailand

Pichaya	Sungsukh	Project Coordinator	ONEP	Thailand
Wirot	Damkong	Director of Energy	Phuket Provincial Energy Office	Thailand
Curt	Garrigan	Cities and Buildings Programme Officer	UNEP	UNEP
Mozaharul	Alam	Regional Coordinator for Climate Change	UNEP	UNEP-Thailand
Tunnie	Srisakulchairak	Programme Officer, Regional Office for Asia Pacific	UNEP	UNEP-Thailand
Nguyen Duc	Hanh	Official, Dept of Society and Environment Statistic	General Statistics Office of Vietnam	Vietnam
Luoung Quang	Huy	Director, Department of Meteorology and Climate Change	Ministry of Environment and Natural Resources	Vietnam
Dang Thi Hong	Hanh	Deputy Director	Vietnam Energy and Environment Consultancy Joint Stock Company (VNEEC)	Vietnam
Shannon	Hilsey	Project Coordinator, Building Efficiency Initiative	WRI	WRI- USA
UNEP Finance Initiative Launch of Sustainable Real Estate Investment Framework				
Peter	Verwer	CEO	APREA	
Esther	An	Chief Sustainability Officer	City Developments Ltd.	
Calvin Lee	Kwan	General Manager, Sustainability	The Link REIT	
Bentinck	Ng	Business Development Manager	SDCL Asia	
Douglas William	Bateman	Senior Vice President	GIC Singapore	
Han Wey	Juen	AVP	GIC Singapore	
Eric	Usher	Head	UNEP FI	
Elodie	Feller	Investment Commission Head	UNEP FI	

Diana	Almoro	Investment Commission Head	UNEP FI	
Ryuichi	Horie	Co-founder and CEO	CSR Design Green Investment Advisory	
Eric	Ricaurte	Founder and CEO	Greenview Singapore	
Lenora	Suki	Head, Product Strategy, Sustainable Finance	Bloomberg	
Lim Fatt	Seng		Comfort Management Pte Ltd	
Eric	Wong	Director	Trans Power	

Global ABC Regional Roundtable Discussion

Singapore, 07-08 September 2016

ANNEX 1 Participants' Expressions of Interest/Offers

Bhutan- Engineering Adaptation and Risk Reduction Division (EARRD), Department of Engineering Services (DES)	Government is developing a NAMA for Energy Efficiency; there is a lack of data and technical know-how; interested in assistance for training and establishing baseline, energy audit programmes and third party review of data;
Business Council for Sustainable Development Singapore	Part of World Business Council for Sustainable Development network; conducted Energy Efficiency in Buildings (EEB) project workshops in Singapore; offering to share EEB model and experiences
Cambodia National Council for Sustainable Development, Ministry of Environment	Building sector is growing rapidly and investment in Cambodia real estate is increasing; interested in mainstreaming concept of green buildings with new technology and creating low-carbon society to support national policy; strong support for building sector and Sustainable Development Goals; specific interest in hotel energy consumption; expressed interest to be member of GABC; identified needs for technical support and capacity building and assessment
C40	Global Network of cities; energy from buildings in C40 cities accounts for roughly 50% of C40 cities GHG emissions; Established Private Building Efficiency network to develop programmes for financial incentives, training, reporting. Willing to share experience in engagement and policy development
Climate Technology Centre and Network (CTCN)	Hosted by UNEP; offers technical support and assistance to member states as operational arm of UNFCCC Technology Mechanism; link to CTCN support through country designated entities
Hong Kong Green Building Council	Hong Kong has developed Energy Management programme; Expertise on high density development; willing to share expertise; HKGBC will host World Sustainable Built Environment Conference (WSBE) in June 2017; offer to help plan GABC roundtable at WSBE
ICLEI	Global network of cities with regional (East Asia and Southeast Asia) chapters; Low-carbon cities programme, and developed expertise on programmes to vertically integrate energy and climate policies, including NAMAs; Green Climate Cities Programme and partner in Building Efficiency Accelerator (Regional Lead) and Global Alliance; offers continued outreach and expertise to network cities in Asia Pacific
City of Rajkot, India	Priorities in energy, water, waste management; currently have scheme for energy among houses using decentralized technologies; interested in capacity building, feasibility studies; and pilot studies
University of Indonesia	Working with Indonesia Ministry of Environment and Forestry on building sector NAMA; in collaboration with City/Province of Jakarta, establishing roadmap for green buildings; cooperation

		with IFC; interested in development of actions at city level and bettering the Green Building Regulation
International Corporation	Finance	Has been active in supporting development of Building Codes in 6 countries in the region; developed knowledge on simplifying regulations for green buildings; developed EDGE tool; can provide technical assistance and share data; interest in working with: RICS to share consumption data and survey; UNEP on NAMA; GBPN on EDGE and Common Carbon Metric; Building Efficiency Accelerator in regional partner cities; GABC to support new initiatives and provide data on current achievements; WBCSD on EE technologies; WorldGBC on survey of business case for Green Buildings
International Initiative for a Sustainable Built Environment (iiSBE)		In process of developing a global survey of professionals and academics for the Global Alliance to identify effectiveness of actions to contribute to mitigation
Korea Green Building Council		Interested in 're-imagining cities'; Promotion of private equity investing in sustainable real estate; willing to help to build the business model for sustainable buildings and cities
Republic of Korea Ministry of Land, Infrastructure and Transport		Korea identified management of energy efficiency in buildings, including design and operations, Green Building Standards and evaluation in its INDC; can collaborate on evaluation of performance of buildings; sharing experience in collection of energy consumption data and Integrated Building Energy Data System
Malaysia Green Building Confederation		Has developed a wealth of experience and data to support making a compelling case for Green Building; willing to share experiences; can offer finance advisory support
City of Iskandar, Malaysia		City is interested in developing efficiency actions; Identified need for assistance in policy making, and technology transfer
Maldives, Ministry of Environment and Energy		Currently working on low-carbon energy project, incorporating green building concepts in building code. Interested in technical support; need to address capacity constraints to include more Green buildings in construction industry; identified reaching targets of NDC as potential area of cooperation; expressed interest to possibly join GABC
Ulaanbaatar Development Corporation (Mongolia)		Prioirty to retrofit post-Soviet pre-cast buildings; Regulatory reforms and tariffs; Structure overall implementation structure, including financing, regulation, incentives and PPP
Municipal Association of Nepal		Priorities on disaster resilient and eco-friendly buildings; interested in policy advice, capacity building, cross-sharing of best practices; support for needs assessment; green city measures
City of Lalitpur, Nepal		Promoting a green home programme which incorporates energy savings and waste management; Heritage Conservation; developing regulation; interested in support and expertise and promotion of green programme; smart cities/green cities, data and labelling; capacity building for engineers
Philippines- Climate Change Commission		Agency responsible for Climate Change policy and coordination- Philippines extremely vulnerable to CC; focal point for NAMA development for buildings; developing different levels of standards and agencies to manage sectors (coordination); Interested in regional cooperation and learning more about experiences of other countries; capacity building; identifying policy gaps; shared experience and best practices

Philippines- Department of Public Works and Highways	Agency responsible for National Building Code; established green building code (with support from IFC); focused on implementation; willing to share experiences on process and lessons; need to build capacity of local officials to implement Philippines Green Building Code
City of Mandaluyung, Philippines	Currently implementing Green Building Regulations, following support from IFC; Adopted Green Building ordinance 2 years ago and seeing results- 35 applicants, 17 certifications achieved; willing to share experience
City of Santa Rosa, Philippines	City is currently implementing Philippines Green Building Code and is developing expertise in green buildings/energy efficiency and city actions; willing to share experiences;
Royal Institution of Chartered Surveyors	Professional body with more than 100k members in 146 countries; leading Global Alliance working group on Measurement, Data and Accountability; Studying and making recommendations on systematic use of data and harmonizing ways to measure building performance (what data is captured, gaps, etc); invites participants to share data/data systems and participate in global survey to be conducted through Global Alliance
Thailand- National Housing Authority	Responsible for development of housing policy; interested in developing programmes to incorporate greater efficiency in housing stocks
Thailand- Ministry of Environment and Natural Resources	Agency responsible for Climate Change policy; Thailand has identified the building sector as key in implementation plan for INDCs; currently working on NAMA for buildings; Mitigation through INDCs still minimal due to lack of capacity; need strong policy framework; can share framework which helped to establish and define GHG emission reductions by economic sectors, which was used in development of Thailand's INDC
Phuket Provincial Energy Office	Develop and implement provincial energy policy, including efficiency for buildings; interested in sharing knowledge and best practices
Viet Nam – Ministry of Natural Resources and Environment	Viet Nam is a member of the Global Alliance for Buildings and Construction; currently developing a building sector NAMA with support from UNEP, and is identifying support for greater energy efficiency in building sector; Viet Nam identified Energy sector, including residential and construction in its INDC and developing actions to implement (still at national level); national stakeholders are looking for practical approaches, including at city level; identified need to build capacity in the sector and better access to technologies;
World Bank	Has developed considerable experience in Energy Efficiency and various sectoral initiatives, including buildings and cities; significant work with countries; keen to work with the Global Alliance on promoting EE in buildings.
World Resources Institute	Leading Building Efficiency Accelerator (BEA) under the Sustainable Energy for All platform, which seeks to double the rate of energy efficiency; working with partner cities in the region; invites cities to join BEA platform, which provides technical and expert network support

ANNEX 2: AGENDA

GLOBAL ALLIANCE FOR BUILDINGS AND CONSTRUCTION: SINGAPORE, 07-08 SEPTEMBER 2016

Day 1: Wednesday, 7 September 2016: Global ABC Regional Roundtable Discussion

Time	Activities	Venue
08:45am 10:00am	– IGBC Opening Ceremony and Opening Plenary Guest of Honour: Mr Lawrence Wong Minister for National Development, Singapore	Marina Bay Sands
10:00am 12:00pm	– Global ABC Roundtable Discussion Session facilitated by UNEP and Govt of France Introduction by Mr. Jerome Adhui, Councillor of Sustainable Development, Transport and Energy, Embassy of France in Singapore	Marina Bay Sands, Room: Cassia 3211
1200pm 1400pm	– UNEP-FI Sustainable Real Estate Investment - Implementing the Paris Climate Agreement: An Action Framework - Lunch Talk/ Workshop <i>(Limited Seats Available- please see info note for Registration)</i>	Marina Bay Sands, Room: Begonia 3111
1400pm 1530pm	– Bilateral Discussions Global ABC (informals) Country Representatives and Global ABC Partners	Marina Bay Sands
1530-1600pm	Tea break	
1600-1800pm	IGBC Track 2.1 Climate Change: Transforming Thoughts to Actions Includes presentation on Global ABC and Country actions	Marina Bay Sands, Room: TBC
1900-2100pm	IGBC Welcome Reception (invitation only)	All – 50 pax

Day 2: Thursday, 8 September 2016

Bilateral Discussions Global ABC and Building Efficiency Accelerator

Time	Activities	Venue
08:30am – 11:30 am	Building Efficiency Accelerator partners meeting (open working session) Bilateral Discussions Global ABC Country Representatives and Global Partners	BCA Academy T8-1 BCA Academy T10-M3, T9-M2,3
13:00pm – 15:00 pm	Global ABC Closing/Summary Session	BCA Academy T8-1
15:00pm – 16:00 pm	Bilateral Discussions Global ABC Country Representatives and Global Partners	BCA Academy T10-M3, T9-M2,3

ANNEX 3

UNEP Finance Initiative

Launch of the *Sustainable Real Estate Investment- Implementing the Paris Climate Agreement – an Action Framework*

AGENDA

07 September 2016

12:00-13:30

Marina Bay Sands, Room: Begonia 3111

Agenda

12.00 Welcome and opening remarks,

Mr. Kian Seng ANG, Group Director, Building and Construction Authority of Singapore

12.15 Setting the Scene

Eric Usher, Head, United Nations Environment Programme Finance Initiative (UNEP FI)

12.25 Presentation of the *Sustainable Real Estate Investment. Implementing the Paris Climate Agreement – an Action Framework*

Calvin Lee Kwan, General Manager, Sustainability, The Link REIT and Member of the UNEP Finance Initiative Property Working Group

12.40 Panel discussion and Q & A

Moderator: Mr. Peter Verwer, CEO, Asia Pacific Real Estate Association (APREA)

Panelists: Ms. Esther An, Chief Sustainability Officer, City Developments Limited, Singapore

Mr. Calvin Lee Kwan, General Manager, Sustainability, The Link REIT

Mr. Bentinck Ng, Business Development Manager, Sustainable Development Capital Pte Ltd

13:30 Closing

About the Global Alliance for Buildings and Construction

The Global Alliance for Buildings and Construction was launched by France and United Nations Environment Programme (UNEP) at COP-21 in Paris in December 2015. Endorsing a common statement, 24 countries and more than 60 organizations active in the buildings and construction sector have agreed to dramatically upscale action, through: Communication, Collaboration, and facilitating implementation.

As a voluntary international framework for concrete and substantial sectorial actions, the Alliance aims at:

- Supporting and accelerating the implementation of the Intended Nationally Determined Contributions (INDCs),
- Strengthening members' human, technical, institutional and legal capacities,
- Mobilising adequate funding,
- Raising awareness towards buildings sector potential in reducing GHS emissions,
- Define a carbon neutrality strategy for the buildings and construction sector.

The Global Alliance for Buildings and Construction is hosted by UNEP- Division of Technology, Industry and Economic (UNEP-DTIE).

For more information on the Global Alliance for Buildings and Construction, please contact Mr. Frederic Auclair, Coordinator: Frederic.auclair@unep.org

About International Green Building Conference 2016 (IGBC 2016)

Themed “**Build Green: The Next Decade**”, IGBC 2016 hopes to inspire and catalyse new thinking and partnerships, as well as innovative and holistic solutions to climate change. It will be a platform for all stakeholders to envision what the next decade could behold for us in a sustainable built environment. This year, IGBC 2016 focuses on the call from translating key policies into action for climate change mitigation, empowering communities to drive sustainability through collective vision to widening the possibilities and imagining green buildings as part of the built environment and co-existing with our natural environment. The Global ABC members are encouraged to participate in this event.

More information can be found from www.sgbw.com.sg.

For registration, please go to <https://www.bca.gov.sg/events/sgbw/en/2016-registration.html>

The **Building and Construction Authority of Singapore (BCA)**, a member of the Global ABC, hosts the Regional Roundtable through the BCA Centre for Sustainable Buildings, a centre collaborating with UNEP, in conjunction with the International Green Building Conference (IGBC), and with the regional launch of the UNEP Finance Initiative publication [*Sustainable Real Estate Investment - Implementing the Paris Climate Agreement: An Action Framework*](#).

For more information, you may contact:-
Ms Phang Mei Ting at Tel: +65 6804 4728 or
Email: phang_mei_ting@bca.gov.sg

About UNEP Finance Initiative (UNEP FI): Sustainable Real Estate Investment - Implementing the Paris Climate Agreement: An Action Framework

Five of the world's largest investor networks, in cooperation with the Global Alliance on Buildings and Construction and the Royal Institution of Chartered Surveyors have come together to create a concise,

actionable framework for the Real Estate industry to help make sense of existing environmental, social and governance (ESG) guidance and provide a follow up framework for action to the 2015 Paris Agreement.

For more information, you may contact:-

Ms Katharina Lütkehermöller at Tel: +41 22 917 8394 or

Email: katharina.luetkehermoeller@unep.org

About the SE4ALL Building Efficiency Accelerator

An implementing initiative of both Sustainable Energy for All and the Global ABC, the Building Efficiency Accelerator assists sub-national governments in speeding up the process of adoption of best-practice policies and implementation of building efficiency projects, with the goal of doubling the rate of energy efficiency improvement in the building sector by 2030. Currently the partnership consists of over 30 businesses, NGOs and multilateral organizations with building efficiency expertise working to support actions of 23 cities and subnational governments in 16 countries.

For more information, you may contact:-

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