



**Asia-Pacific
Economic Cooperation**

2011/SCSC/WKSP2/001

Agenda

Submitted by: United States



**Green Buildings and Green Growth:
Approaches to Encouraging a Positive
Green Building Climate
Singapore
12-13 September 2011**



Green Buildings and Green
Growth: Approaches to
Encouraging a Positive Green
Building Climate

September 12-13, 2011
Building and Construction Authority
Academy of the Built Environment
No. 200 Braddell Road
Singapore

An APEC ASEAN
Joint Workshop

MONDAY, September 12

Official Opening of Singapore Green Building Week

| | | |
|--------|---|--|
| 9:00am | Welcome | Dr. John Keung, CEO Building and Construction Authority Ministry of National Development of Singapore |
| 9:15am | Keynote | Dr. Mohamad Maliki Bin Osman Senior Parliamentary Secretary Ministry of National Development & Ministry of Defense Mayor of South East District |
| 9:20am | Launch of Singapore Green Building Week | |

8:00am - 9:00am **Registration for APEC ASEAN Green Buildings Workshop**

9:30am **Refreshments, sponsored by BCA**

APEC ASEAN Workshop Commences

10:00am -10:25am ***Setting the Stage: APEC's Green Goals and Objectives for Cooperation with ASEAN***
Ms. Julia DOHERTY
Senior Director, Non-Tariff Measures
Office of the U.S. Trade Representative
Chair, APEC Subcommittee on Standards and Conformance

10:25am -10:40am ***ASEAN and Green Buildings***
Ms. Shirley V Ramesh
Senior Officer Standards and Conformance
ASEAN Secretariat

10:40am -12:00pm **Session 1**
Green Building Characteristics: Towards a Common Understanding of Terms and Definitions

Moderator: Mr. Henry HWONG
Vice President
Air-Conditioning, Heating, Refrigerating Institute

International Organization for Standardization (ISO) terminology

Mr. Jeffrey STONE
Owner, Stone Resource Systems, LLC
Chair, U.S. Technical Advisory Group to ISO Technical Committee 59/SC 17
United States

ASTM International terminology

Mr. Robert BROOKS
Director of Sustainability
International Code Council-Evaluation Services
United States

Using International Standards to Assess “Greenness”

Dr. Yoshiaki ICHIKAWA
Chief Engineer, Environmental Promotion Center
Corporate Environmental Policy Division
Hitachi Ltd.
Japan

12:00pm - 12:40pm

Session 2
APEC Green Building Case Studies

Case Study #1: Trade Impact of Life Cycle Assessment in Multi-Attribute Certification Programs for Flooring and Plumbing Products

Ms. Dana KENNEY
Senior Development Specialist, Environment & Energy Group
DAI
United States

Case Study #2: Trade Impact of Green Building Rating Systems in the Asia-Pacific

Dr. Cynthia LOWRY
Senior Energy Advisor
U.S. Agency for International Development
United States

12:40pm - 2:00pm

Lunch, Sponsored by the International Code Council, the Aluminum Association, BCA and SPRING

2:00pm - 2:15pm

Afternoon Address: Mr. Craig ALLEN, Deputy Assistant Secretary for Asia, International Trade Administration, U.S. Department of Commerce

2:15pm – 3:45pm

Session 3
Panel Discussion on Related Green Buildings Work in APEC and ASEAN

Moderator: Ms. Jane HENLEY
CEO, World Green Building Council

APEC and ASEAN Energy Efficiency Programs (windows, cool roofs, etc)

Dr. Pattana RAKAKKWAMSUK
Dean, School of Energy, Environment and Materials
King Mongkut's University of Technology Thonburi
Thailand

US-China Sustainable Buildings Partnership: Scaling Up Innovation in New and Existing Buildings

Mr. Orestes ANASTASIA
Regional Development Mission for Asia
U.S. Agency for International Development
United States

IFC's Green Building Program in Indonesia

Ms. Farida Lasida ADJI
Project Manager for Indonesia Green Buildings
International Finance Corporation Advisory Services

Indonesia

Australian Regulations and Standards for Energy Efficiency and Conservation in Buildings

Mr. Adam STINGEMORE

National Sector Manager
Standards Australia
Australia

3:45pm - 4:00pm

Break, sponsored by BCA

4:00pm - 5:30pm

Session 4

Economies' Implementation of Green Buildings Policies and Programs

Moderator: Mr. LIU Fei

Chief Representative, ASTM International China Office

Mexico's Adoption and Adaptation of National and International Green Building Technologies

Ms. Evangelina HIRATA

Consultant
EH Consulting
Mexico

Korean Green Building Certification

Dr. CHANG-U Chae

Building & Urban Research Department
Korea Institute of Construction Technology
Korea

Singapore Green Building Master Plan: Greening 80% of Buildings by 2030

Mr. TAN Tian Chong

Director
Building and Construction Authority
Singapore

Indonesia's Green Buildings Activities

Ms. Liana BRATASIDA

Assistant Minister for Global Environmental Affairs and International Cooperation
Ministry of Environment
Indonesia

Cambodia's Green Building Activities

Mr. Beng Hong Socheat KHEMRO

Deputy Director General
Ministry of Land Management, Urban Planning and Construction
Cambodia

China's Green Building Activities

Dr. Baizhan Li

Dean of Faculty of Urban Construction and Environmental Engineering
Chongqing University
China

TUESDAY, September 13

- 8:30am - 9:00am** **Registration**
- 9:00am - 9:15am** ***Welcome***
Ms. Jane HENLEY
Chief Executive Officer
World Green Building Council
New Zealand
- 9:15am - 9:45am** ***Keynote Address: The Contributing Role of Green Building in Combating Climate Change***
Dr. Arab HOBALLAH
Chief of the Sustainable Consumption and Production Branch
United Nations Environment Program
- 9:45am - 10:00am** **Break, sponsored by BCA**
- 10:00am - 11:30am** **Session 5**
Green Claims Overview
- Moderator: Dr. Marvin OEY**
Director, Construction Institute
American Society of Civil Engineers
United States
- Multi-Attribute Claims***
Mr. Paul FIRTH
Manager, Science and Research
Underwriters Laboratories
United States
- Green Building Initiative***
Ms. Erin SHAFFER
Vice President, Federal Outreach
U.S. Green Building Initiative
United States
- Toward Healthy Green Buildings***
Dr. S.C. SEKHAR
Associate Professor and Program Director, Building Performance and Sustainability
Co-Program Director, Integrated Sustainable Design
National University of Singapore
Singapore
- Benchmarking Sustainability***
Dr. Wai Kiong (Oswald) CHONG
Associate Professor
The University of Kansas, CEAE Department
United States
- 11:30am - 1:00pm** **Session 6**
How Green Claims are Used
- Moderator: Mr. Ryan COLKER**
National Institute of Building Sciences

Trends in Green Building Claims

Ms. Amy COSTELLO

Senior Environmental Scientist
Armstrong World Industries
Member, Technical Advisory Group, U.S. Green Building Council
United States

Assessing Green Building Rating Systems and Verification of Claims

Mr. Robert BROOKS

Director of Sustainability
International Code Council-Evaluation Services
United States

The Role of Performance Certification in Green Claims and the Value of Partnerships

Mr. Henry HWONG

Vice President
Air-Conditioning, Heating, Refrigerating Institute
United States

Mr. FAN Gaoding

Chairman
Chinese Refrigeration and Air Conditioning Industry Association
People's Republic of China

Integrating Concepts from Sessions 5&6

Mr. Ryan COLKER

Director of the Consultative Council and Presidential Advisor
National Institute of Building Sciences
United States

1:00pm - 2:00pm

Lunch sponsored by APEC Technical Assistance and Training Facility, BCA and SPRING

2:00pm - 3:30pm

Session 7

Trading Green Products in the Asia-Pacific Region

Moderator: Ms. Shalizeh NADJMI
International Trade Specialist
U.S. Department of Commerce

How Manufacturers are Responding to the Competitive Pressure of Exporting Green

Ms. Amy COSTELLO

Senior Environmental Scientist
Armstrong World Industries
United States

Selling Green Products in the Asia Pacific Region

Mr. Larry KOUMA

Director of Marketing, Large Tonnage Solutions
Johnson Controls Building Efficiency
Johnson Controls International
United States

Dr. LEE Siew Eang

Technical Coordinator and Board Member



Singapore Green Building Council
Singapore

Smart Urban Infrastructure

Dr. Yoshiaki ICHIKAWA

Chief Engineer, Environmental Promotion Center
Corporate Environmental Policy Division
Hitachi Ltd.
Japan

Responding to the Challenge of Green Growth in Serving International Markets

Mr. Tim HAAHS

President and Chief Executive Officer
Tim Haahs Engineers and Architects
United States

3:30pm - 4:30pm

Breakout Session

Delegates will discuss in small groups possible follow up actions by APEC and ASEAN

4:30pm - 4:45pm

Break

4:45pm - 5:25pm

Discussion on Next Steps

Conference advice on action items to APEC Leaders given Minister's Responsible for Trade direction

5:30pm - 6:30pm

Green Building Tour: BCA Net-Zero Building