



**Update**  
**Green Building Activities in the APEC**  
**Subcommittee on Standards and**  
**Conformance**

November 2012

# Overview

- APEC Leaders have noted the importance of continued focus on green building:
- *“Promote energy efficiency by taking specific steps related to transport, buildings, power grids, jobs, knowledge sharing, and education in support of energy-smart low-carbon communities;” and*
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- *“Pursue common objectives to prevent technical barriers to trade related to emerging green technologies, including smart grid interoperability standards, green buildings, and solar technologies.”*

# Overview (continued)

- APEC commitment to green building continues under planned Multi Year Project with activities through 2015
- ASEAN agreement to continue joint activities
- Green building offers promise for energy and resource
- Standards are evolving, so cooperation can facilitate regional trade in green building products and minimize technical barriers to trade

# New Multi Year Project

- A new U.S.-led Multi Year Project, The Role of Standards and Conformity Assessment Measures in Enhancing the Performance of the Commercial Building Sector, has received in principal funding approval. Final decision expected in December. 2012
- United States has drafted the project proposal document
- Work Plan 2012-2015
  - 4 workshops on various aspects of green building
  - A study on the use of building codes and green codes in the Asia Pacific region- This is U.S.-funded and is in process
  - Metrics assessment in 2015; have APEC and ASEAN green building activities facilitated regional trade?

# Study on the Use of Building Codes and Green Codes in the APEC Region

- Approach to developing, adopting, administering and enforcing building codes;
- Identify minimum building codes for non-residential buildings;
- Identify any existing “Green” building codes;
- Identify protocols and mechanisms in place for monitoring, review, and assessment’
- Builds on the foundational work *Building Energy Codes: Best Practices Report for APEC Economies*
- Scheduled for completion in early 2013

# Four Green Building Workshops

- **Workshop 1-Use of Building Codes to Enhance Building Performance**
  - Codes and use of green codes can yield energy and resource savings
  - March 5-7, 2013 in Lima, Peru
  - Peru is developing standards and policy guidance for buildings. Peru is funding major elements of the workshop and will host the workshop in Lima, Peru
  - Seeking EGEE&C representation to discuss past on ongoing work in EWG and EGEE&C
  - Proposed agenda will be shared for comment

# Workshop 2

- **Focuses on Building Information Modeling**
  - Focus is on establishing common terms, definitions and information exchanges for green and high performance buildings
  - Planned for June 2013 in Indonesia (tentative)
  - Agenda formulation in process
  - EGEE&C input to program content welcome

# Other Proposed Workshops

- **Workshop 3: Testing and Rating Products in the Building Envelope**

- Planning will begin in 2013. Dates and location TBD

## **Workshop 4: Lab Requirements for Ceiling and Flooring Products**

- Planning will begin in 2013. Dates and location TBD



# For Action

- Comments on the multi year project proposal document welcome through November 15
- Building code workshop agenda will be shared with the EGEE&C in December; comments and expert speaker nominations encouraged
- Requesting presentation at the Peru workshop on EGEE&C and EWG activities related to green building

# Additional SCSC Project Activity (1)

- Ongoing Projects
  - Energy Efficiency of ICT Products (Seoul, July 2012)
  - Lab Capacity (various, July 2012)
  - Product Safety Incidents Information Sharing System (Malaysia, various 2012)
  - Wine Regulators Forum (Auckland, November 2012)
  - Equivalency of Technical Regulations (Moscow, December 2012)
  - Supply Chain Visibility Survey

# Additional SCSC Project Activity (2)

- Upcoming Projects
  - MYP Green Buildings (Workshops, Survey)
  - MYP Food Safety (FSCF, PTIN, Workshops)
  - 7<sup>th</sup> Good Regulatory Practices (GRP) Conference (to be held in Indonesia in 2013)
  - GRP Conformity Assessment Study
  - Standards Infrastructure (Korea)
  - Mutual Laboratory Accreditation (MLA) 17065
  - Standards Education

## More information:

- Renee Hancher, project overseer for APEC green building multi year project, [Renee.Hancher@trade.gov](mailto:Renee.Hancher@trade.gov)