

**ASIA PACIFIC ECONOMIC COOPERATION (APEC)
NEW AND RENEWABLE ENERGY TECHNOLOGIES
EXPERT GROUP (EGNRET) MEETING**

THIRTY-SIXTH MEETING
Washington, D.C., USA
February 28- March 4, 2011

Morning, Monday, 28 February, 2011

EGNRET/EGEE&C Joint Meeting

09:00-09:15	Welcome & Introductions, Adoption of Agenda <i>Dr. Phyllis Yoshida, EWG Lead Shepherd</i> Official Welcome <i>EGNRET & EGEE&C Chairs</i> Opening Addresses	EWG EGNRET EGEE&C
09:15-09:45	High-level APEC Update <i>Mr. Luis Enrique Vertiz, Program Director for Energy</i> Update on high-level APEC activities, including: - Project management developments - Key developments within APEC	APEC
09:45-10:00	2011 priorities at SOM1	USA
10:00-10:25	Energy Working Group (EWG) Update <i>Dr. Phyllis Yoshida, EWG Lead Shepherd</i> Update on Energy Working Group, including: - EWG 40 outcomes - Strategic direction for EWG in 2011	EWG
10:25-10:50	Coffee Break	
10:50-11:15	Overview of APERC Activities <i>Mr. Kenji Kobayashi, President of APERC</i> - Update on PREE, CEEDS & the Compendium - Update on Low-Carbon Model Town (LCMT) Project and Peer Review on policies to promote Low-Carbon Energy Supply	APERC
11:15-11:45	EGNRET Update	EGNRET
11:15-11:30	<i>Mr. Dan Ton, US EGRNET representative, US Dept. of Energy (DOE)</i> RE and EE linkages across the Office of Electricity, US DOE	
11:30-11:45	<i>Chair of EGNRET</i> - General update - Recent, current, and proposed projects	

11:45-12:15	EGEE&C Update	EGEE&C
11:45-12:00	<i>Mr. Marc LaFrance, US EGEE&C representative, US Dept. of Energy (DOE)</i> RE and EE linkages across the Office of Energy Efficiency & Renewable Energy, US DOE	
12:00-12:15	<i>Chair of EGEE&C</i> - General update - Recent, current, and proposed projects - Strategic direction in 2011 (broad-level)	
12:15-12:30	WRAP-UP Actions arising and objectives for next joint session	Chairs
12:30-13:40	Lunch	

Afternoon, Monday, 28 February, 2011
EGNRET 36

13:40-13:50	Official Welcome	USA
13:50-14:00	Introduction and Adoption of Agenda	Chair
14:00-15:00	Overview of Renewable Energy in the USA	USA
15:00-15:30	APEC Smart Grid Initiative	USA
15:30-16:00	Coffee Break	
16:00-17:00	APEC Training Session on Improving Project Quality (<i>Optional</i>)*	APEC TATF

Tuesday, 1 March, 2011
EGNRET 36

09:00-10:40	Member Economy Presentations: New and Renewable Energies in Transportation (i.e., EVs and alternative fuels)	
10:40-11:10	Coffee Break	
11:10-12:00	Member Economy Presentations (Cont'd)	
12:00-13:30	Lunch	
13:30-14:00	Progress/Status of Current EGNRET Projects	Chair
13:30-13:45	- Addressing Grid Interconnection Issues in Order to Maximize the Utilization of New and Renewable Energy Sources (EWG 02/2009)	Japan

13:45-14:00	- Using Smart Grids to Enhance Use of Energy Efficiency and Renewable Energy Technologies (EWG 01/2009S)	USA
14:00-14:30	Overview of APEC New Project Proposal Process <i>Rating Results of EGNRET New Proposal Submitted to EWG40</i>	Chair
14:30-15:30	Development of Project Proposal for 2011/2012 Funding	Chair
15:30-16:00	Coffee Break	
16:00-17:00	Discussion - EGRNET/EGEE&C Joint Project Opportunities - Potential Joint Activities - Biofuels Task Force - Low-Carbon Town Task Force - Peer Review on Policies to Promote Low-Carbon Energy Supply - Smart Grid Initiative	Chair

<p>Morning, Wednesday, 2 March, 2011 EGNRET 36</p>

09:00-09:50	Member Economy Presentations (Cont'd)	
09:50-10:10	Alternative Transport Fuels: Implementation Guidelines <i>Dr. David Natusch</i>	David Natusch
10:10-10:30	Presentation of International Copper Association <i>Mr. Pierre Cazelles</i> <i>International Copper Association, Asia</i>	ICA
10:30-11:00	Coffee Break	
11:00-11:20	Sustainable Biofuels Development Practices <i>Mr. Jeff Skeer,</i> <i>Chair of the APEC Biofuels Task Force (BTF)</i> <i>Office of Policy & International Affairs, US DOE</i>	BTF
11:20-12:00	EGNRET Administration & Operations - Review of EGNRET Terms of Reference - Next Expert Group Meeting - Other Business	Chair
12:00	Adjourn	
12:00-13:30	Lunch	

Afternoon, Wednesday, 2 March, 2011

EGNRET/EGEE&C Joint Meeting

13:30-13:40	Welcome and Introduction	
13:40-14:00	EGEE&C 37 Outcomes (Chair)	EGEE&C
14:00-14:20	EGNRET 36 Outcomes (Chair)	EGNRET
14:20-15:30	Discussion on Joint Project Opportunities	Chairs
15:30-16:00	Coffee Break	
16:00-16:30	Review and Acceptance of Key Actions and Decisions	
16:30	Adjourn	Chairs

Thursday & Friday, 3&4 March, 2011

Sub-Committee on Standards and Conformance (SCSC) Conference

Sustainability in Building Construction (Commercial Buildings) - Efficiency and Conservation (Green Buildings Conference)

(**Agenda:** Please see next page.)

* **APEC Training Session on Improving Project Quality** (*Optional*)

Sponsored by APEC Technical Assistance and Training Facility (APEC TATF),

16:00-17:00 Monday, 28 February, 2011

Ronald Reagan Building Meeting Venue (room location to be announced)

Tentative Agenda

5 minutes	Welcome & Introductions: Reason for Training; Objectives of Training
10 minutes	APEC Project Proposal Procedures: Concept Note and Full Proposal; Funding Criteria and the Project Cycle
5 minutes	Concept Note: Overview of the Template; Priority and Relevance
5 minutes	Full Project Proposal: Overview of the Template and APEC Quality Assessment Criteria; R-EEIS
25 minutes	Tools for Building Quality Proposal: Causal Model; Definitions; Logical Framework Matrix; Be SMART (Specific, Measurable, Attainable, Results-Oriented, Timely); Annotated Concept Note Example
5 minutes	Other Tips
5 minutes	Wrap Up

**Green Buildings and Green Growth:
The Enabling Role of Standards and Trade**

CTI-SCSC 33/2010T - Sustainability in Building Construction (Commercial Buildings) –
Efficiency and Conservation

Ronald Reagan Building and International Trade Center
Washington, DC, United States
March 3-4, 2011

March 3, 2011

8:00am - 9:00am

Registration

Morning Session Introductions

Mr. Christopher WILSON

Assistant USTR, Office of WTO and Multilateral Affairs
Office of the U.S. Trade Representative
United States

9:00am - 9:10am

Welcome Remarks

Mr. Gary LOCKE (invited – pending confirmation)
Secretary, Department of Commerce
United States

9:10am – 9:30am

Keynote Address

Mr. Ronald SIMS

Deputy Secretary, Department of Housing and Urban Development
United States

9:30am – 9:45am

Smart Buildings and the Energy Smart Communities Initiative

Dr. Phyllis YOSHIDA

Deputy Assistant Secretary for Asia, Europe and the Americas
Office of Policy and International Affairs, Department of Energy
United States

9:45am – 10:00am

Work on APEC Experts Group on Energy Efficiency and Conservation

Mr. Terry COLLINS

Chair, APEC Experts Group on Energy Efficiency and Conservation
New Zealand

10:00am - 10:20am

Results of the APEC survey on sustainability in building construction

Ms. Helen DELANEY

Survey Project Consultant, Delaney Consulting
United States

10:20am – 10:45am

Break

10:45am – 12:15pm

Session 1

Policy frameworks to encourage sustainable building

This session will examine policy frameworks used in APEC economies to encourage sustainable building, with an emphasis on how these utilize standards and conformity assessment procedures to ensure optimal outcomes.

Moderator: Mr. John FRECE
Director, Office of Sustainable Communities
Environmental Protection Agency, United States

Green Growth: energy saving and carbon reduction action plans in Chinese Taipei

Dr. Wang-Hsiang HWANG
Deputy Minister of the Council for Economic Planning and Development
Chinese Taipei

Role of standards in sustainability in buildings

Mr. Colin BLAIR
Chief Executive Officer, Standards Australia
Australia

Singapore's sustainable building policies

Dr. Edward ANGGADJAJA
Assistant Director, Centre for Sustainable Buildings and Construction, Building and
Construction Authority, Ministry of National Development
Singapore

Mr. Eduardo CONTRERAS
Ministry of Housing and Urban Development
Chile

Capacity Development Plan for Energy Efficiency and Conservation in Buildings

Mr. Totok SULISTIYANTO
PT Narama Mandiri
Indonesia

12:15pm – 1:30pm

Lunch Break

1:30pm – 2:45pm

Session 2

Building Codes: the move to green

This session will present the fundamentals of building codes, and explore how codes have been augmented with dimensions of sustainability.

Moderator: Mr. Michel LAMANQUE, Chief Program Development
Office of Energy Efficiency, Natural Resources Canada

Building Sustainability into Codes

Mr. David EISENBERG
Executive Director, Development Center for Appropriate Technology
United States

The International Green Construction Code

Mr. Allan BILKA
Senior Staff Architect, International Code Council
United States

ASHRAE Code Intended Standards for Sustainability

Mr. Tom WATSON
Treasurer, American Society of Heating, Refrigerating and Air-Conditioning Engineers
Chief Engineer, McQuay International
United States

Green Plumbing and Mechanical Code Supplement

Mr. Pete DeMARCO

Director of Special Programs, International Association of Plumbing and Mechanical Officials
United States

Q&A Session

2:45pm - 3:15pm

Break

3:15pm – 4:45pm

Session 3

Managing the Environmental Attributes of Sustainable Building Materials in Codes and Standards

This will be a roundtable session focusing on evolving tools to identify and verify the environmental attributes of materials and products. Panelists will discuss options and provide examples of codes and standards that recognize environmental attributes developed through a technically-robust process, for use in a global marketplace.

Moderator: Mr. Jim THOMAS

President, ASTM International

Panelists:

Mr. Wayne TRUSTY

President, Athena Sustainable Materials Institute
Canada

Mr. Scot CASE

Director of Markets Development, UL Environment
United States

Mr. Ken BLAND

Vice President, Codes & Regulations, American Wood Council
United States

Mr. James BENNEY

Chief Executive Officer, National Fenestration Rating Council
United States

Mr. Paul BERTRAM

President Elect, Construction Specifications Institute (and)
Director, Environment and Sustainability, Kingspan Insulated Panels
United States

6:00pm

Reception

**Old Ebbitt Grill Restaurant
Washington, D.C.**

Sponsored by the National Fenestration Rating Council (NFRC) and the International Association of Plumbing and Mechanical Officials (IAPMO)

**Green Buildings and Green Growth:
The Enabling Role of Standards and Trade**

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8:30am – 9:00am

Registration

9:00am – 9:10am

Introductions and Welcome Remarks

Mr. Jim THOMAS

President, ASTM International
United States

9:10am – 9:30am

Keynote Address

Mr. Frank O'BRIEN-BERNINI

Chief Sustainability Officer, Owens Corning
United States

9:30am - 11:00am

Session 4

Performance targets and rating systems for sustainable buildings

This session will focus on the performance rating systems used in APEC economies. How do the different systems in use compare with each other, and how will their differences impact trade.

Moderator: Mr. David EISENBERG

Director, Development Center for Appropriate Technology
United States

Sustainable Building Ratings Systems

Ms. Kim FOWLER

Chief Research Engineer, Pacific Northwest National Laboratory
United States

International trends in the development of rating systems

Mr. Nils LARSSON

Executive Director, International Initiative for a Sustainable Built Environment
Canada

CASBEE in progress for market transformation in Japan

Mr. Kazuo IWAMURA

Professor, Tokyo City University, Japan
Director, Japan GreenBuild Council
Japan

Achieving high performance building through green building rating tools in Indonesia

Mr. Rana Yusuf NASIR

Director of Rating & Technology, Green Building Council Indonesia
Indonesia

- 11:00am - 11:20am** **Break**
- 11:20am – 11:40am** ***Special Report: Advancing Sustainable Building Policies in Southeast Asia***
Dr. Edward ANGGADJAJA
Assistant Director, Centre for Sustainable Buildings and Construction, Building and Construction Authority, Ministry of National Development
Singapore
- Mr. Niclas SVENNIGSEN**
Head, Sustainable United Nations (SUN)
United Nations Environment Programme
- 11:40am - 12:40 pm** **Session 5**
Case Studies: how manufacturers are responding to competitive pressures of exporting green
This session will look at exporting 'green' from the manufacturer's perspective.
- Moderator: Mr. Skip JONES**
Deputy Assistant Secretary, Trade Agreements and Compliance
Department of Commerce, United States
- Ms. Amy COSTELLO**
Sr. Environmental Scientist, Armstrong World Industries
United States
- Mr. William SISSON**
Director of Sustainability, United Technologies
United States
- Mr. Paul HAMILTON**
Senior Vice President Energy Efficiency Programs, Schneider Electric
United States
- 12:40pm - 2:00pm** **Lunch Break**
- Afternoon Session** ***The future of green buildings***
This session will explore important emerging trends and initiatives that contribute to the future of green buildings.
- Session Facilitator: Mr. Frédéric CARRIER**
Public Works and Government Services Canada
- 2:00pm – 2:30pm** ***Innovating Best Practice in Green Building Design***
Mr. Silas CHIOW
Director of SOM China
Skidmore Owings & Merrill LLP, United States
- 2:30pm – 2:45pm** **Mr. Roland RISSER**
Program Manager, Building Technologies Program
Department of Energy, United States



Asia-Pacific
Economic Cooperation



2:45pm – 3:05pm

Global Policy Development and the Future of Sustainable Building

Mr. Niclas SVENNIGSEN

Head, Sustainable United Nations
United Nations Environment Programme

3:05pm – 3:30pm

Breakout Session

Workshop attendees will work in small groups to discuss outcomes of the meeting and potential next steps.

3:30pm – 3:40pm

Break

3:40pm – 4:45pm

Closing Session

Workshop Outcomes

This moderated discussion will review outcomes of the meeting and discuss next steps.

Ms. Sirma KARAPEEVA

Acting Manager, Trade and Environment
Ministry of Economic Development
New Zealand

Ms. Jennifer STRADTMAN

International Trade Specialist, Office of the Standards Liaison
Department of Commerce
United States

