

The 2nd Asia-Pacific Energy Sustainable Development Forum
The 1st APEC Workshop on Cost-Effective Renewable Energy-Supply Solutions
based on Innovative Solar Technologies to Promote Green Buildings
(EWG 03 2016A)

WORKSHOP DATES: November 3-5, 2016

VENUE: The St. Regis Tianjin Hotel

No.158 Zhang Zizhong Road, He Ping District, Tianjin 300041, China

Website: WWW.STREGIS.COM/TIANJIN

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• **Day 1: Thursday, 3 November, 2016**

Timeline	Activities
8:00-9:00	Registration
9:00-9:30	Opening Remarks
	Deputy Administrator, National Energy Administration (NEA)
	EWG Lead Shepherd
	Secretary of the Party committee, Tianjin University (TJU)
9:30-10:00	Appointment Ceremony for APSEC Advisory Board New Members Group Photo & Tea Break
10:00-12:00	<p style="text-align: center;">Plenary Speeches</p> <p>1. Cary Bloyd, Dr./Senior Staff Scientist, Electricity Infrastructure & Buildings Division, Pacific Northwest National Laboratory, USA Topic: APEC Clean Energy Activities</p> <p>2. Chen Haisheng, Prof., Institute of Engineering Thermophysics, Chinese Academy of Science, China Topic: The Prospect of Energy Storage to Support Sustainable Energy Systems in China</p> <p>3. Danielle Kennedy, Dr./Senior Scientist, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia Topic: CO2 Capture Technology Development in Australia</p> <p>4. Tang Jie, Deputy Mayor of Shenzheng, China Topic: Shenzhen Practices in Transformation Toward Green and Low-Carbon Development</p> <p>5. Li Junfeng, Director, National Center for Climate Change, China Topic: Climate Change and Energy Transition in China</p> <div style="float: right; text-align: center; width: 200px;"> <p>The 2nd Steering Committee Meeting of APSEC (for Steering Committee members only)</p> </div>
12:00-14:00	Lunch Break
14:00-14:10	Opening Remarks
14:10-14:30	<p style="text-align: center;">Dr. Chung-Hsien CHEN, Chair of <i>New and Renewable Energy Technologies Expert Groups (EGNRET)</i></p> <p style="text-align: center;">Progress Report of APEC funded Project (EWG 03 2016A) Yong Sun, Project PO</p>
	Presentation from Speakers & Economy Representatives (Chair: Dr. Chung-Hsien CHEN, Chair of EGNRET)
14:30-14:50	<p>1. Pieter Jacobus Cornelis de Wilde, Professor, Plymouth University. UK Topic: Building energy studies: deeper challenges</p>
14:50-15:10	<p>2. Hong Zaisheng, Dean, Tianjin University Research Institute of Architectural Design & Urban Planning. China</p>

	Topic: Low Carbon Sustainable Design & Practice of TianJin University Research Institute of Architectural Design & Urban Planning (AATU)
15:10-15:30	3. Totok Sulistiyanto Wardoyo , Director, PT. Narama Mandiri (Mechanical, Electrical and Energy Consultant). Indonesia Topic: Green Building Movement and Implementation of Solar Technology in Greenship Rating Tools
15:30-16:00	Group Photo & Tea Break
16:00-16:20	4. Cheng-Nan Chu , Manager, Industry Promotion Department, Green Energy Initiative Division, Green Energy and Environment Research Laboratories, Industrial Technology Research Institute (ITRI). Chinese Taipei Topic: Renewable Energy Development in Chinese Taipei
16:20-16:40	5. Cristina Risco Arias , Professional of Department of Economic Regulation, National Energy Commission. Chile Topic: Experience of Chile in The Renewable Projects
16:30-17:00	Discussion
18:00-20:30	Banquet for the 2nd Anniversary of APSEC

- **Day 2: Friday, 4 November, 2016**

Timeline	Activities
8:30-9:00	Registration
	Presentations from Speakers & Economy Representatives (Chair: Dr. Zhou Huang , Director of Fund Division of China National Building Research Association)
9:00-9:20	1. Chung-Hsien CHEN , Chair of EGNRET & Senior Technical Specialist, Energy Technology Div. Bureau of Energy, Ministry of Economic Affairs. Chinese Taipei Topic: Next Steps toward Achieving Renewable Energy Goal in APEC region
9:20-9:40	2. Ellissa Corniella Ahmad , Assistant Secretary, Ministry of Energy, Green Technology and Water. Malaysia
9:40-10:00	3. Zeng Shaojun , Secretary general, China New Energy Chamber of Commerce, All-China Federation of Industry and Commerce (ACFIC). China Topic: New energy industry development status and its application in field of construction in China
10:00-10:30	Tea Break
10:30-10:50	4. Khumthorn Nawalertpanya , Scientist, Department of Alternative Energy Development and Efficiency. Thailand Topic: Free Talk
10:50-11:10	5. Jonathan Ochshorn , Prof., Department of Architecture, Cornell University. The United States Topic: Limitations of Green Building Rating Systems
11:10-12:00	Discussion
12:00-14:00	Lunch Break
	Presentations from Speakers (Chair: Mr. Wang Dong , Dean of International Academy of Low Carbon Development (Shenzhen, China))
14:00-14:30	1. Hao Bin , Dr./Vice Chief Engineering, Shenzhen institute of Building Research Co., Ltd. China Topic: Solar domestic hot water in green buildings---practice and reflection

14:30-15:00	2. Wang Dong , Dean, International Academy of Low Carbon Development (Shenzhen, China). China Topic: Shenzhen International Low Carbon City and Distributed Energy System Project
15:00-15:30	Tea Break
15:30-16:00	3. Zhou Huang , Dr/Director, Fund Division of China National Building Research Association. China Topic: Renewable energy supply - green building's renewable energy solutions
16:00-16:30	4. Fang Zhenlei , General Manager, Building Energy Conservation & Distributed Energy Division, China Construction Science & Technology Group Co.,Ltd , China Topic: CSCEC strengthens the renewable energy businesss in green building
16:30-17:00	Discussion

- **Day 3: Saturday, 5 November, 2016**

Timeline	Activities
9:00-12:00	Technical Visit