



9th Meeting of ASIA SOLAR ENERGY FORUM

21-23 March 2016

Ritz-Carlton Beijing, Financial Street, People's Republic of China

Background:

The Asia Solar Energy Forum (ASEF) was established with support of Asian Development Bank as a non-profit regional knowledge sharing platform organization to help facilitate solar energy technology transfer across Asia and the Pacific. ASEF aims to bridge the information gap between suppliers and developers in the public and private sectors, support the growth of local solar energy competence in the developing countries of Asia and the Pacific, while addressing the barriers to trade in solar and smart grid applications. ASEF was registered as a non-profit organization in Japan in September 2012.

Milestone of the Asia Solar Energy Forum:

So far, eight meetings of the ASEF have been successfully conducted in various countries, witnessing enthusiastic networking among peers, and engagement between project developers, equipment manufacturers, lenders, government officials, and other sectors with an interest in solar energy globally. All ASEF meetings have been supported by the hosting countries and attended by high rank government officials of the countries in Asia and the Pacific region.

Agenda of the 9th Meeting of Asia Solar Energy Forum:

The 9th ASEF meeting is anchored on the theme **"Solar Industrial Cooperation"**, which will cover solar energy outlook and market updates, development in the grid interface technologies for solar PV, decentralizing energy supply using solar PV, cooperation on PV manufacturing capacity, ensuring PV product quality and finance for solar project development,



9th Meeting of ASIA SOLAR ENERGY FORUM

21-23 March 2016

Ritz-Carlton Beijing, Financial Street, People's Republic of China

Day 1, 21 March 2016 (Monday)	
8:30 - 9:00 am	Registration
9:00 - 9:45 am	Session 1: Introductory Session – Opening Ceremony
9:00 - 9:20 am	Welcome Remarks <i>Takehiko Nakao</i> , President, ADB
9:20 – 9:40 am	Address Minister, National Energy Administration, PRC
9:40 – 9:45 am	Photo Session
9:45 – 10:00 am	Break
10:00 am – 12:00 nn	Session 2: Solar Energy Outlook and Market Updates
	<p>Moderator: <i>Anthony Jude</i>, Director, South Asia Energy Division, ADB and Chair, ASEF</p> <p>Presentations:</p> <ul style="list-style-type: none"> • PRC • <i>India</i> • Japan • USA • “Germany’s Solar PV Market Development and Transformation – A European/Global Example” <i>Frank Haugwitz</i>, Director, Asia Europe Clean Energy (Solar) Advisory Co. Ltd. • Korea • Thailand <p>Q & A</p>
12:00 – 13:30 pm	Lunch
13:30 – 15:30 pm	Session 3: Development in the Grid Interface Technologies for Solar PV: Grid Connection, Storage and Smart Grid Technologies
	<p><i>“This session will outline new developments in the grid interface technologies that allow greater deployment of solar technologies.”</i></p> <p>Moderator: <i>PRC</i></p> <p>Presentations:</p> <ul style="list-style-type: none"> • “Technologies and Application of Microgrid/Smartgrid to Asia Pacific” <i>Anand Gopal Menon Kottayil</i>, Chief Technology Officer, Smart Grid, Siemens Infrastructure and Cities Sector in ASEAN Cluster • “Grid Integration to Renewable Energy – Utilities Perspective”



9th Meeting of ASIA SOLAR ENERGY FORUM

21-23 March 2016

Ritz-Carlton Beijing, Financial Street, People's Republic of China

	<p><i>Hirokazu Yamaguchi</i>, Director General of International Affairs, Tokyo Electric Power Company (TEPCO)</p> <ul style="list-style-type: none"> • "Managing solar resources under micro-grid settings in remote locations" <p><i>Jerry Li</i>, President, Asia Energy Platform</p> <ul style="list-style-type: none"> • Update on developments in energy storage technologies and its applications • Update on grid connection policies in PRC and other countries <p>Panel discussions</p>
15:30 – 15:45 pm	Break
15:45 – 17:45 pm	Session 4: Decentralizing Energy Supply using Solar PV - Policy and Practice
	<p><i>"This session will consider support for large-scale rollout of decentralized and rooftop PV generation, with emphasis on PRC experience and measures taken by PRC government."</i></p> <p>Moderator: <i>Yongping Zhai</i>, Technical Advisor (Energy), ADB</p> <p>Presentations:</p> <ul style="list-style-type: none"> • International trends in decentralized PV - policy, operational issues and costs • PRC policy settings for decentralized PV • Poverty reduction impact of distributed solar system <p>Panel discussions</p>
Day 2, 22 March 2016 (Tuesday)	
9:00 – 10:30 am	Session 5: Cooperation on PV Manufacturing Capacity
	<p><i>"This session will focus on issues of PV manufacturing capacity and the need for greater regional cooperation in light of increasingly ambitious deployment targets in many countries."</i></p> <p>Moderator: <i>PRC</i></p> <p>Presentations:</p> <ul style="list-style-type: none"> • Current and forecast global and PRC manufacturing capacity in solar PV • Status of manufacturing capability compared to deployment targets in key PV markets: IND, THA, UZB etc. • Constraints and opportunities in collaboration <p>Panel Discussion</p>
10:30 – 10:45 am	Break
10:45 – 12:30 pm	Session 6: Ensuring PV Product Quality
	<p><i>"This session will examine the issues emerging related to product quality and reliability with regard to PV panel and component manufacturing as well as possible solutions."</i></p>



9th Meeting of ASIA SOLAR ENERGY FORUM

21-23 March 2016

Ritz-Carlton Beijing, Financial Street, People's Republic of China

	<p>Moderator: <i>Pil-Bae Song</i>, Secretary General, ASEF</p> <p>Presentations:</p> <ul style="list-style-type: none"> • Current issues in PV product standards • Update on relevant standards and opportunities to address product quality issues <p>Panel Discussions</p>
12:30 – 14:00 pm	Lunch
12:30 – 13:30 pm	ASEF General Meeting (Invitation Only)
14:00 – 15:30 pm	Session 7: Finance for Solar Project Development
	<p>Moderator: PRC</p> <p>Presentations:</p> <ul style="list-style-type: none"> • “Solar project bankability, risks” <i>Nikhilesh Singh</i>, Managing Director, 3TIER India Pvt. Ltd.
15:30 – 16:00 pm	Break
16:00 – 16:45 pm	Session 8: Concluding Session
16:00 – 16:10 pm	<p>Moderator: <i>Anthony Jude</i>, Director, South Asia Energy Division, ADB and ASEF Chair</p> <p>Summary <i>Pil-Bae Song</i>, Secretary General, ASEF</p>
16:10 – 16:20 pm	Messages Private Sector Leader/Sponsor
16:20 – 16:30 pm	Developing Government Representatives
16:30 – 16:40 pm	Governing Board Member, ASEF
16:40 – 16:45 pm	<p>Closing Government of the People's Republic of China</p>
Day 3, 23 March 2016 (Wednesday)	
9:00 – 17:00 pm	Field Visit